

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013025\
 Data File : VN085589.D
 Acq On : 30 Jan 2025 19:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/31/2025
 Supervised By : Semsettin Yesilyurt 01/31/2025

Quant Time: Jan 31 02:40:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.218	168	196214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	335615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	148704	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	162831	51.410	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.820%
35) Dibromofluoromethane	8.165	113	117594	50.505	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.020%
50) Toluene-d8	10.565	98	434546	52.529	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.060%
62) 4-Bromofluorobenzene	12.847	95	156024	55.135	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	104463	39.321	ug/l	97
3) Chloromethane	2.359	50	113764	39.550	ug/l	98
4) Vinyl Chloride	2.512	62	124056	42.908	ug/l	99
5) Bromomethane	2.947	94	72732	41.646	ug/l	97
6) Chloroethane	3.118	64	83846	45.742	ug/l	99
7) Trichlorofluoromethane	3.495	101	187996	44.813	ug/l	99
8) Diethyl Ether	3.965	74	68426	47.214	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	107145	45.345	ug/l	99
10) Methyl Iodide	4.583	142	132651	49.023	ug/l	98
11) Tert butyl alcohol	5.518	59	102264	281.970	ug/l	100
12) 1,1-Dichloroethene	4.336	96	95439	45.321	ug/l	97
13) Acrolein	4.177	56	100387	202.767	ug/l	99
14) Allyl chloride	5.024	41	159132	46.569	ug/l	98
15) Acrylonitrile	5.718	53	309432	268.609	ug/l	100
16) Acetone	4.424	43	260799	254.840	ug/l	97
17) Carbon Disulfide	4.712	76	229703	35.427	ug/l	99
18) Methyl Acetate	5.018	43	179430	57.659	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	377960	55.275	ug/l	99
20) Methylene Chloride	5.277	84	118994	46.969	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	100903	44.835	ug/l	97
22) Diisopropyl ether	6.671	45	398907	52.595	ug/l	98
23) Vinyl Acetate	6.600	43	1434572	270.274	ug/l	98
24) 1,1-Dichloroethane	6.565	63	226122	48.895	ug/l	98
25) 2-Butanone	7.482	43	415823	276.111	ug/l	98
26) 2,2-Dichloropropane	7.488	77	190331	50.904	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	130341	49.172	ug/l	99
28) Bromochloromethane	7.812	49	96493	44.848	ug/l	98
29) Tetrahydrofuran	7.835	42	273886	286.849	ug/l	99
30) Chloroform	7.965	83	231846	48.506	ug/l	98
31) Cyclohexane	8.253	56	163440	40.660	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	202572	48.316	ug/l	98
36) 1,1-Dichloropropene	8.371	75	149170	45.649	ug/l	99
37) Ethyl Acetate	7.559	43	166099	50.358	ug/l	99
38) Carbon Tetrachloride	8.359	117	174494	46.643	ug/l	97
39) Methylcyclohexane	9.600	83	142657	46.457	ug/l	98
40) Benzene	8.606	78	468453	47.711	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	92010	53.618	ug/l	98
42) 1,2-Dichloroethane	8.671	62	180158	48.718	ug/l	100
43) Isopropyl Acetate	8.682	43	295453	55.903	ug/l	98
44) Trichloroethene	9.347	130	105161	46.011	ug/l	94
45) 1,2-Dichloropropane	9.618	63	124479	49.634	ug/l	98
46) Dibromomethane	9.706	93	86879	48.009	ug/l	99
47) Bromodichloromethane	9.882	83	190657	51.714	ug/l	100
48) Methyl methacrylate	9.676	41	135987	57.175	ug/l	98
49) 1,4-Dioxane	9.694	88	44692	1115.842	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	894830	291.772	ug/l	100
52) Toluene	10.629	92	293434	51.578	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	185623	53.277	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	195455	52.519	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	115952	51.501	ug/l	98
56) Ethyl methacrylate	10.871	69	189877	50.062	ug/l	100
57) 1,3-Dichloropropane	11.159	76	206402	52.723	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	372287	260.567	ug/l	100
59) 2-Hexanone	11.194	43	649161	300.823	ug/l	100
60) Dibromochloromethane	11.359	129	142533	52.438	ug/l	99
61) 1,2-Dibromoethane	11.465	107	114468	51.076	ug/l	99
64) Tetrachloroethene	11.100	164	94335	46.147	ug/l	98
65) Chlorobenzene	11.888	112	322603	49.111	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	119573	49.597	ug/l	98
67) Ethyl Benzene	11.959	91	558745	52.224	ug/l	100
68) m/p-Xylenes	12.065	106	419759	106.156	ug/l	100
69) o-Xylene	12.394	106	203725	53.912	ug/l	99
70) Styrene	12.406	104	352471	56.360	ug/l	100
71) Bromoform	12.576	173	93492	54.197	ug/l #	98
73) Isopropylbenzene	12.694	105	522932	52.104	ug/l	99
74) N-amyl acetate	12.494	43	245884	54.507	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	175616	49.536	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	147731m	48.878	ug/l	
77) Bromobenzene	12.976	156	126143	48.107	ug/l	98
78) n-propylbenzene	13.035	91	613075	51.600	ug/l	100
79) 2-Chlorotoluene	13.123	91	384964	50.064	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	444548	53.624	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	61186	54.771	ug/l	89
82) 4-Chlorotoluene	13.217	91	384892	50.271	ug/l	100
83) tert-Butylbenzene	13.435	119	367782	52.829	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	445077	53.867	ug/l	99
85) sec-Butylbenzene	13.612	105	511233	52.984	ug/l	100
86) p-Isopropyltoluene	13.729	119	425364	49.070	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	231245	47.888	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	231814	46.314	ug/l	98
89) n-Butylbenzene	14.053	91	356860	51.554	ug/l	98
90) Hexachloroethane	14.329	117	86662	47.180	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	230150	47.781	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	34539	53.352	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	111833	49.955	ug/l	99
94) Hexachlorobutadiene	15.494	225	51730	43.524	ug/l	98
95) Naphthalene	15.635	128	363079	54.350	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	109924	48.527	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

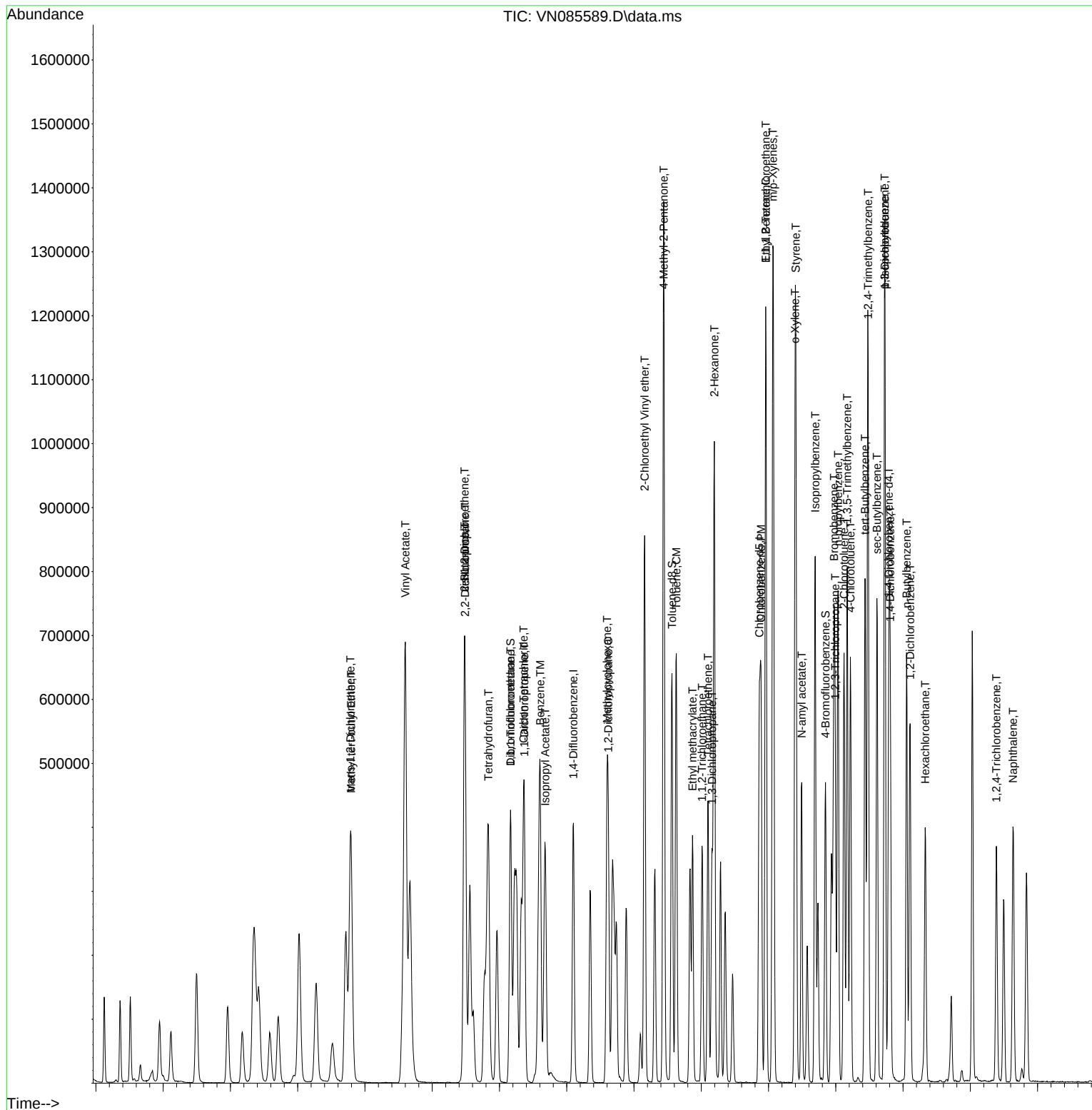
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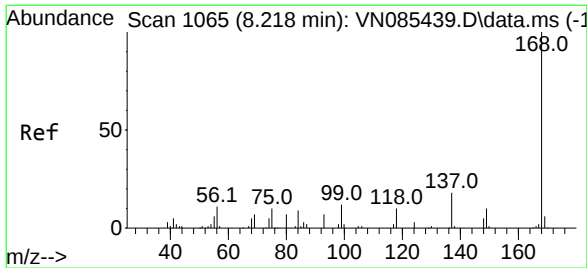
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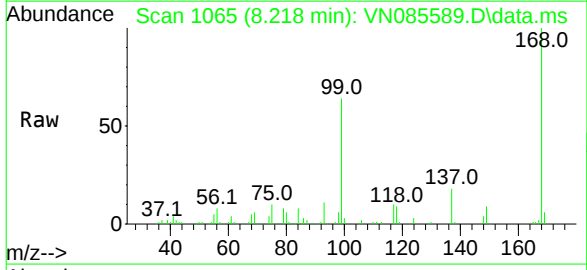
Reviewed By : John Carlone 01/31/2025
Supervised By : Semsettin Yesilyurt 01/31/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
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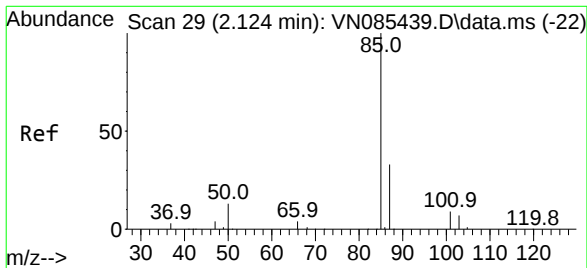
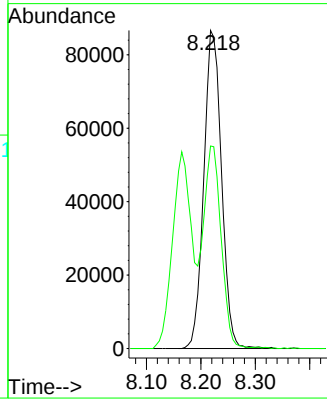
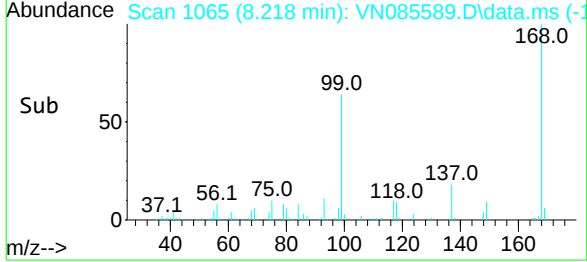
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Tgt Ion: 168 Resp: 196214
Ion Ratio Lower Upper
168 100
99 63.7 53.6 80.4

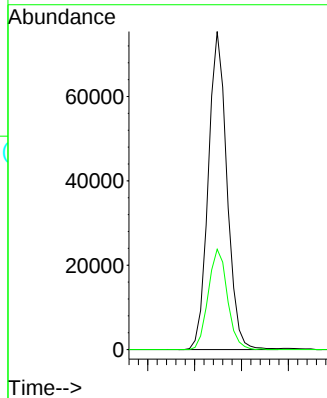
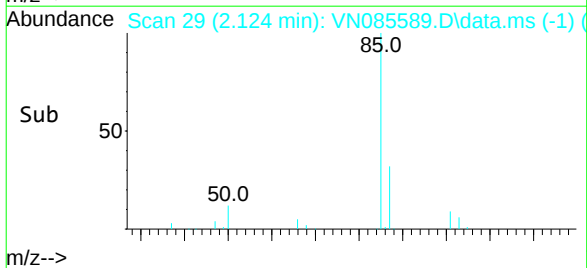
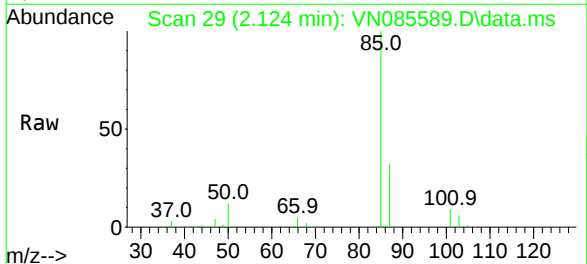
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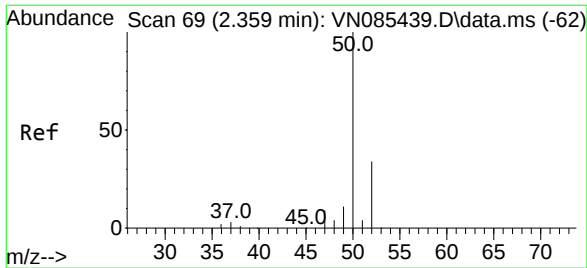
Reviewed By : John Carlone 01/31/2025
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#2
Dichlorodifluoromethane
Concen: 39.321 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085589.D
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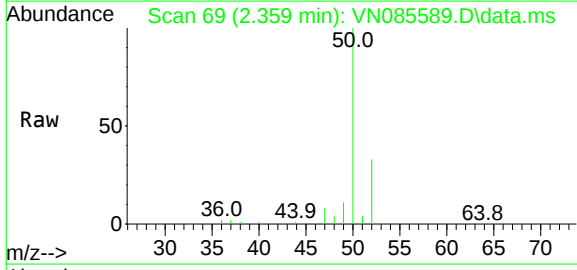
Tgt Ion: 85 Resp: 104463
Ion Ratio Lower Upper
85 100
87 31.5 16.7 50.1





#3
Chloromethane
Concen: 39.550 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

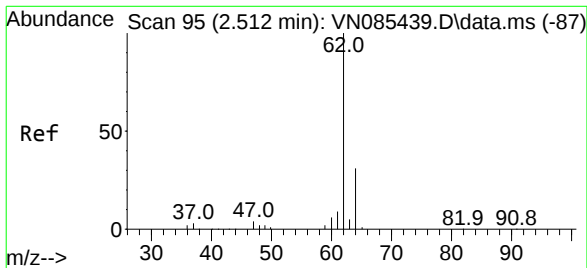
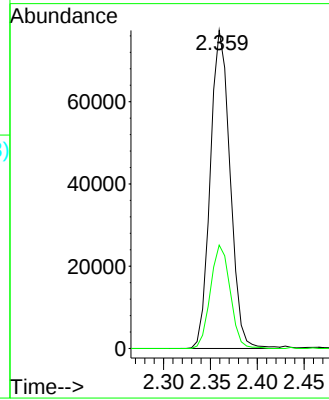
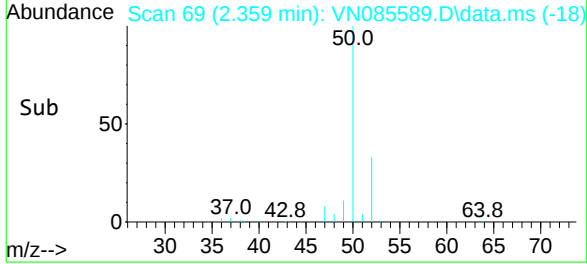
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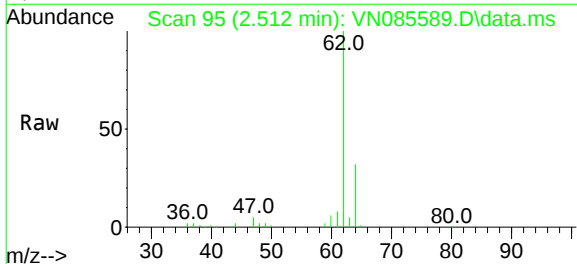
Tgt Ion: 50 Resp: 113764
Ion Ratio Lower Upper
50 100
52 32.5 27.0 40.6

Manual Integrations
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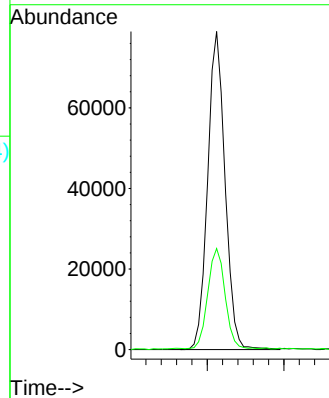
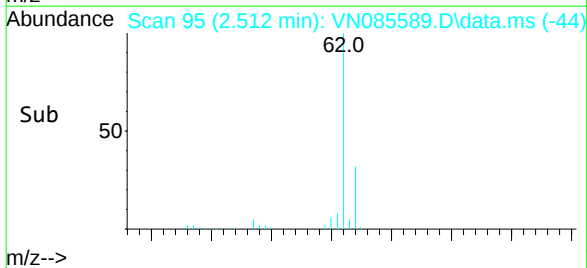
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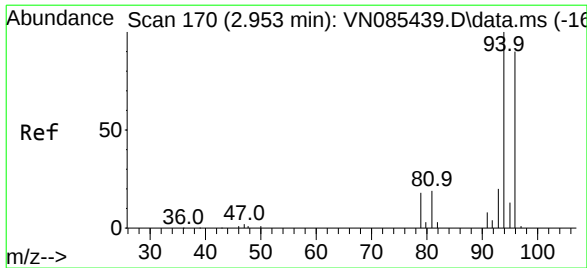


#4
Vinyl Chloride
Concen: 42.908 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06



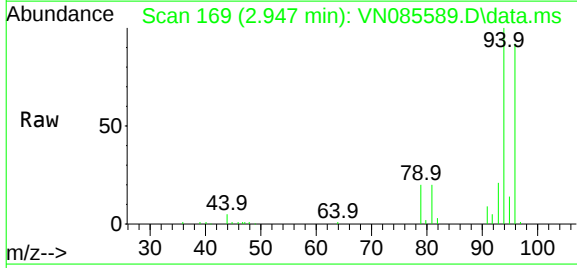
Tgt Ion: 62 Resp: 124056
Ion Ratio Lower Upper
62 100
64 31.4 24.8 37.2





#5
Bromomethane
Concen: 41.646 ug/l
RT: 2.947 min Scan# 16
Delta R.T. -0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

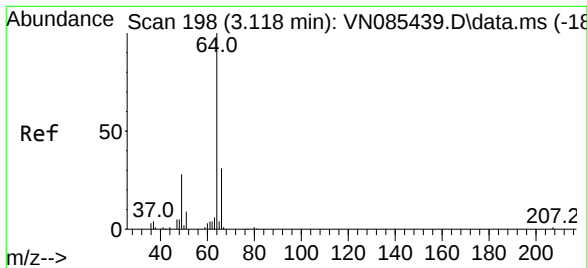
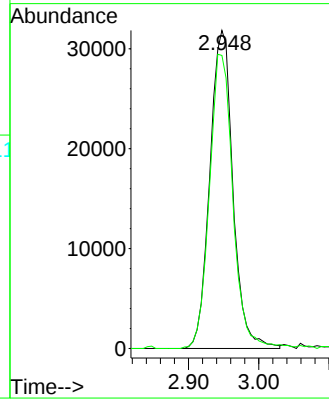
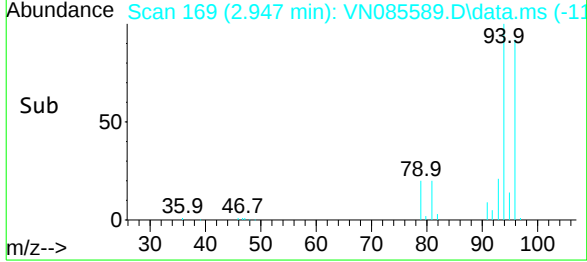
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Tgt Ion: 94 Resp: 72732
Ion Ratio Lower Upper
94 100
96 92.1 71.8 107.6

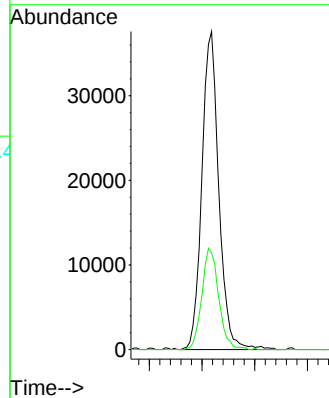
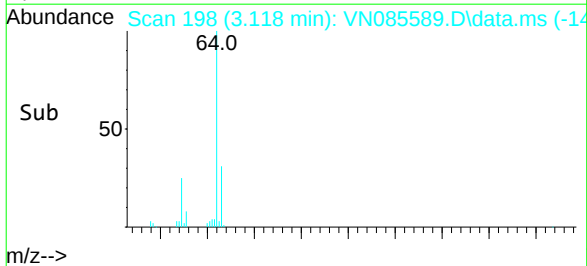
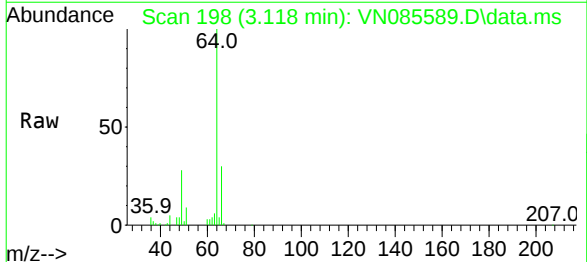
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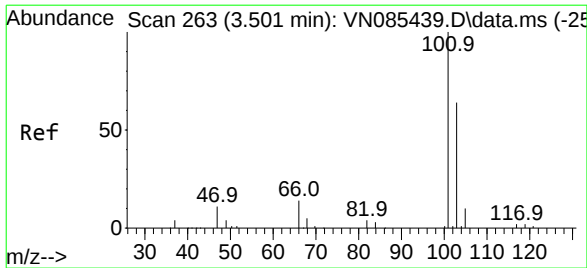
Reviewed By :John Carlone 01/31/2025
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#6
Chloroethane
Concen: 45.742 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN085589.D
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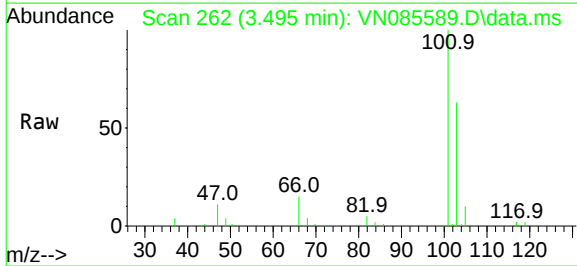
Tgt Ion: 64 Resp: 83846
Ion Ratio Lower Upper
64 100
66 30.4 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 44.813 ug/l
 RT: 3.495 min Scan# 261
 Delta R.T. -0.006 min
 Lab File: VN085589.D
 Acq: 30 Jan 2025 19:06

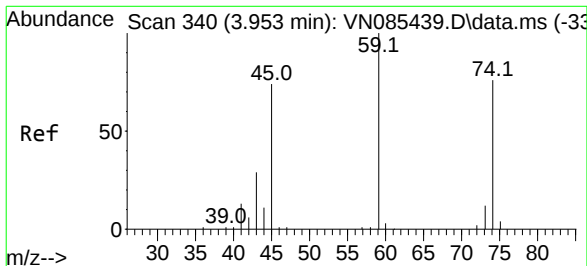
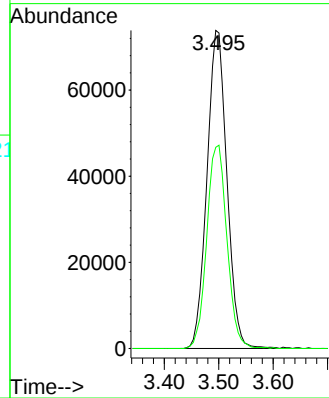
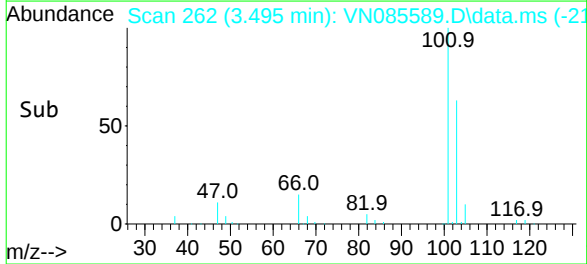
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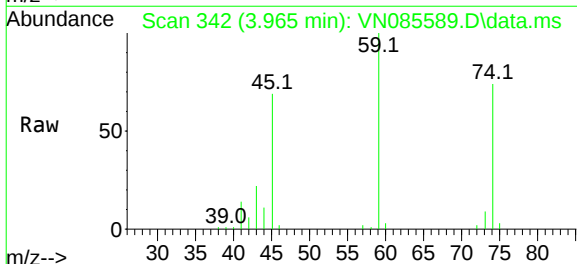
Tgt Ion:101 Resp: 187996
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.4 77.2

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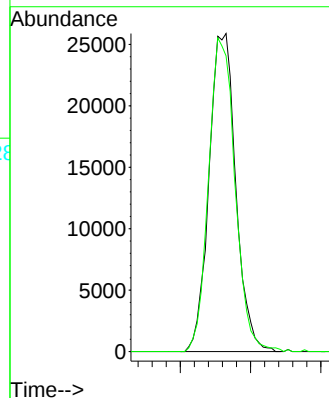
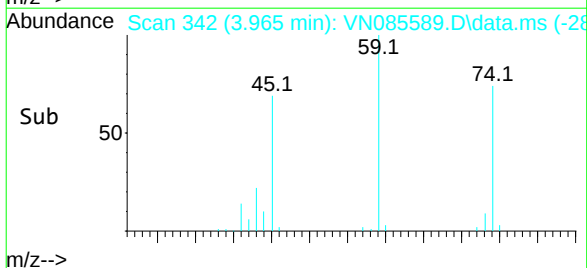
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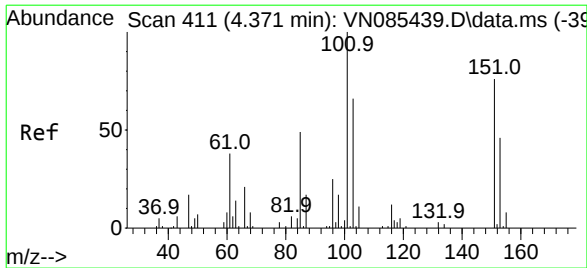


#8
 Diethyl Ether
 Concen: 47.214 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN085589.D
 Acq: 30 Jan 2025 19:06



Tgt Ion: 74 Resp: 68426
 Ion Ratio Lower Upper
 74 100
 45 97.8 49.7 149.1





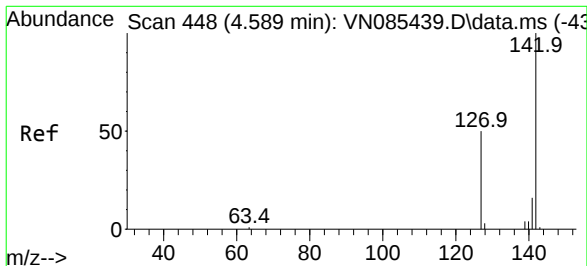
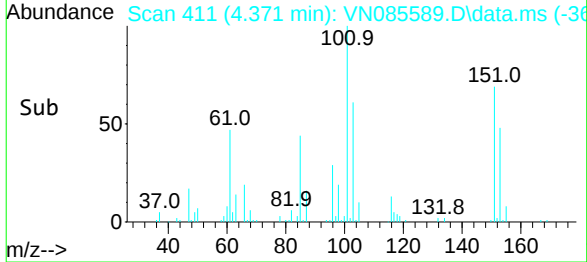
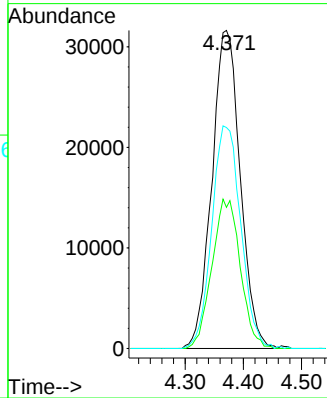
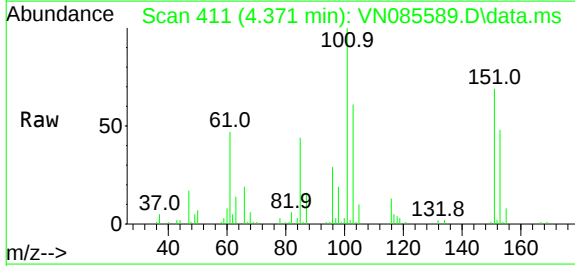
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.345 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 107145
Ion Ratio Lower Upper
101 100
85 47.0 37.8 56.8
151 71.7 58.8 88.2

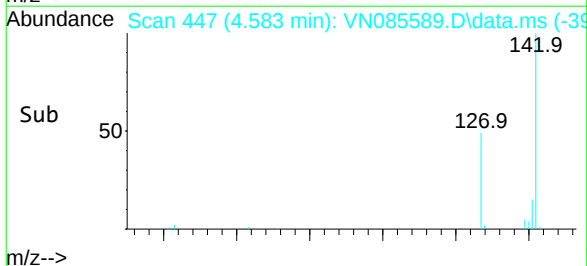
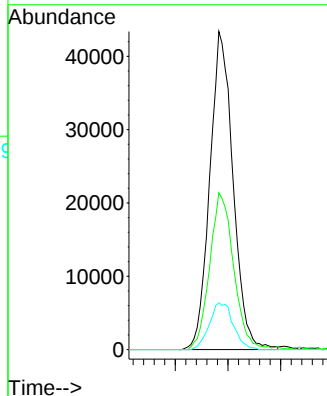
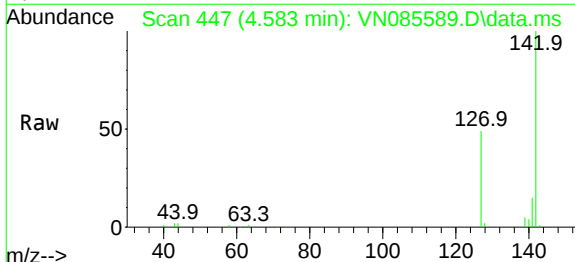
Manual Integrations
APPROVED

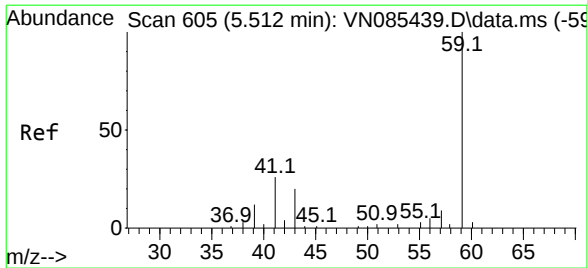
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#10
Methyl Iodide
Concen: 49.023 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion:142 Resp: 132651
Ion Ratio Lower Upper
142 100
127 49.3 40.3 60.5
141 14.7 12.8 19.2





#11

Tert butyl alcohol

Concen: 281.970 ug/l

RT: 5.518 min Scan# 605

Delta R.T. 0.006 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 102264

Ion Ratio Lower Upper

59 100

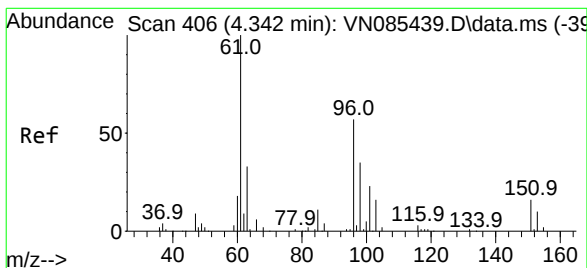
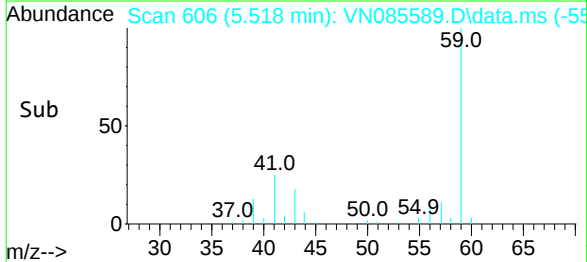
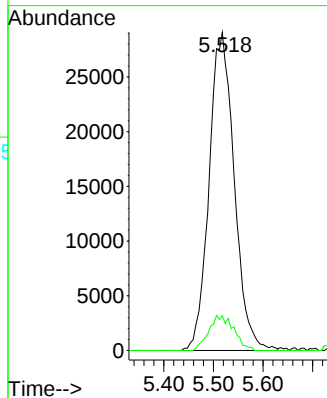
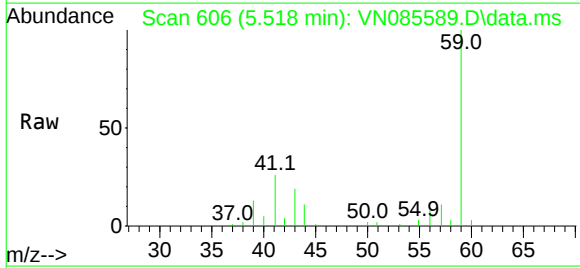
57 11.0 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#12

1,1-Dichloroethene

Concen: 45.321 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.006 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

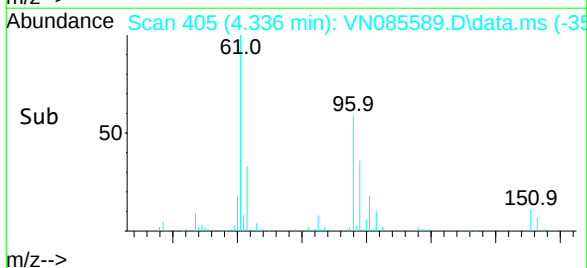
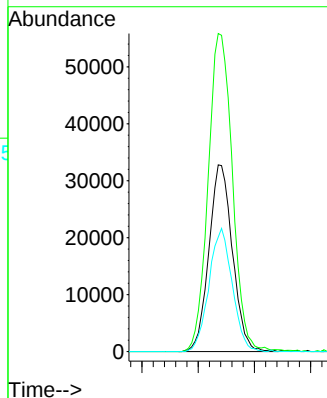
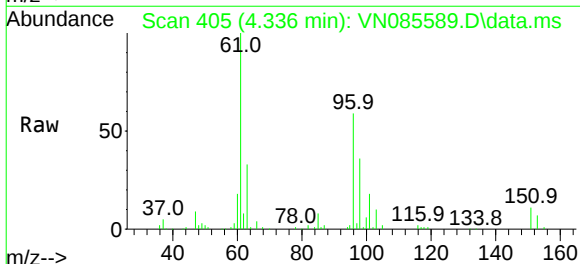
Tgt Ion: 96 Resp: 95439

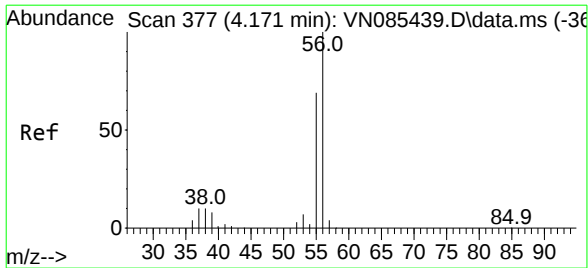
Ion Ratio Lower Upper

96 100

61 170.3 141.0 211.4

98 61.3 49.0 73.6





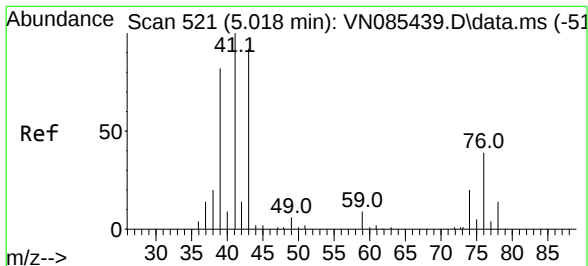
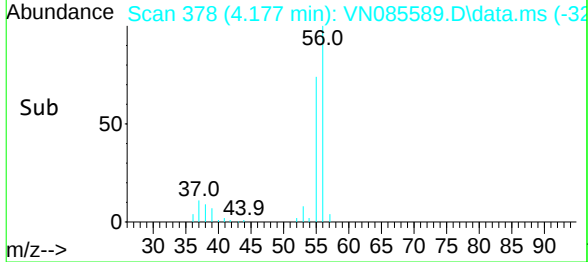
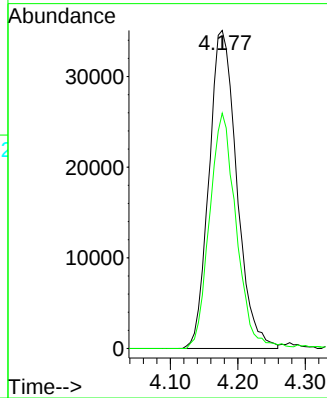
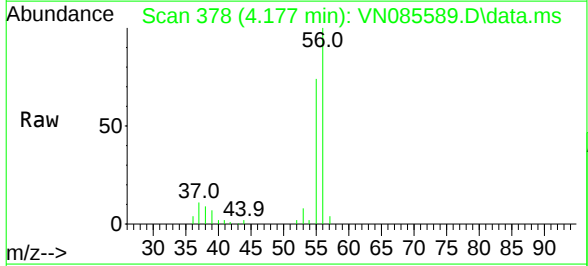
#13
Acrolein
Concen: 202.767 ug/l
RT: 4.177 min Scan# 37
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 100387
Ion Ratio Lower Upper
56 100
55 70.9 56.3 84.5

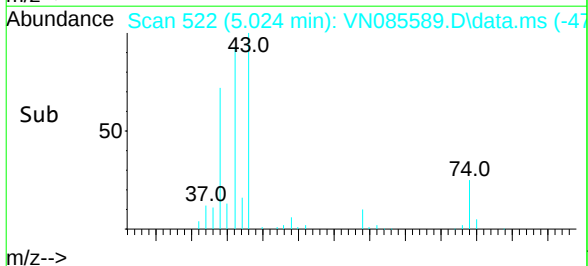
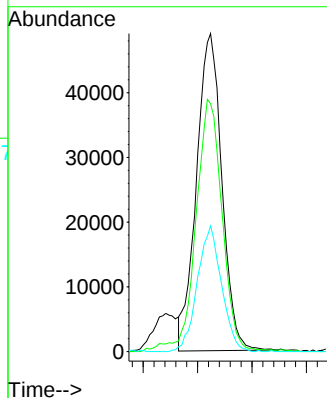
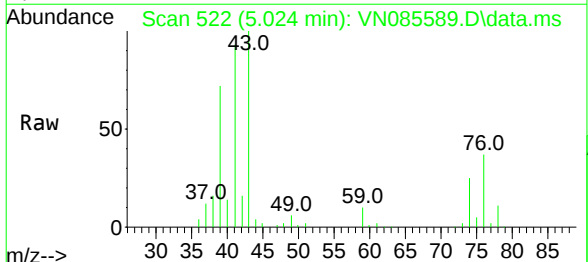
Manual Integrations
APPROVED

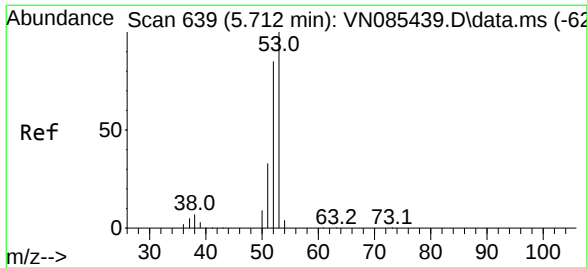
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#14
Allyl chloride
Concen: 46.569 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion: 41 Resp: 159132
Ion Ratio Lower Upper
41 100
39 82.1 64.4 96.6
76 37.5 30.5 45.7





#15

Acrylonitrile

Concen: 268.609 ug/l

RT: 5.718 min Scan# 64

Delta R.T. 0.006 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

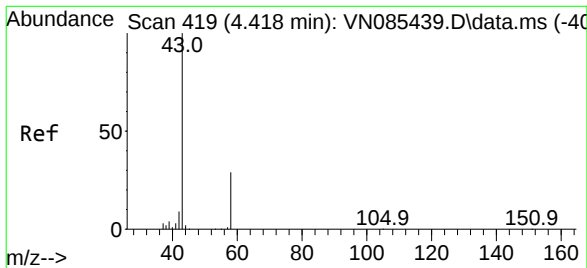
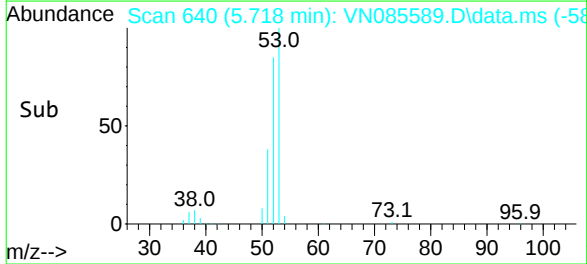
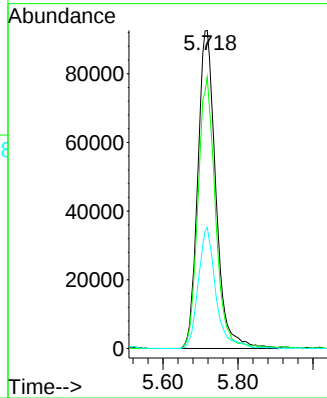
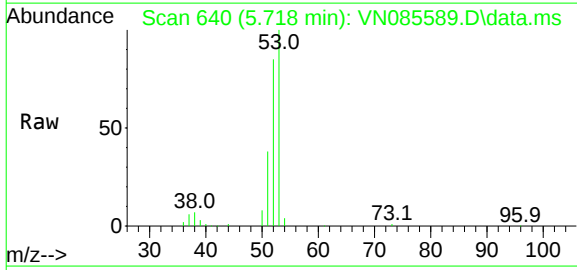
Tgt Ion:	53	Resp:	309432
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.5	98.3
51	36.8	29.8	44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#16

Acetone

Concen: 254.840 ug/l

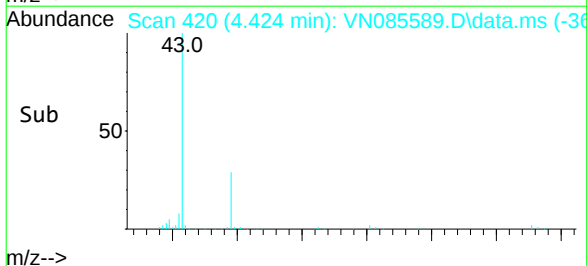
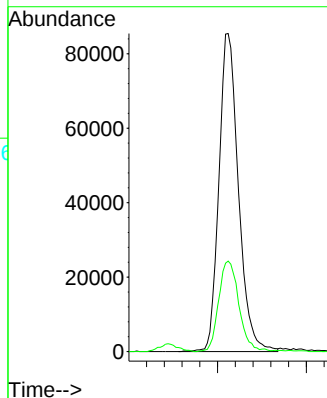
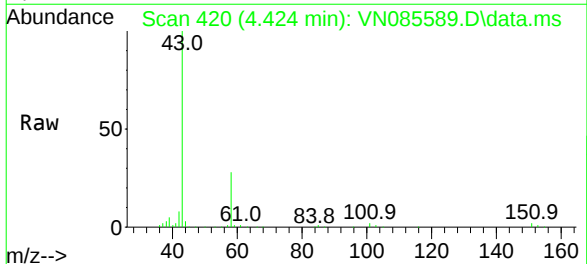
RT: 4.424 min Scan# 420

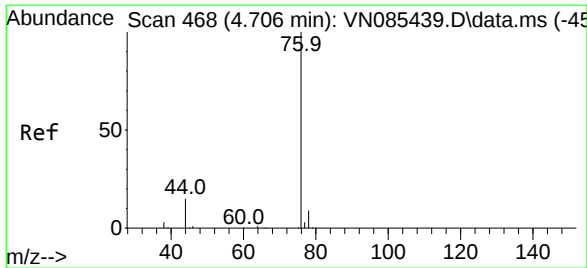
Delta R.T. 0.006 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

Tgt Ion:	43	Resp:	260799
Ion	Ratio	Lower	Upper
43	100		
58	28.2	23.8	35.6





#17

Carbon Disulfide

Concen: 35.427 ug/l

RT: 4.712 min Scan# 468

Delta R.T. 0.006 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 229703

Ion Ratio Lower Upper

76 100

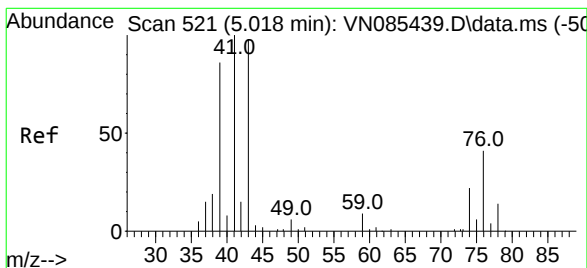
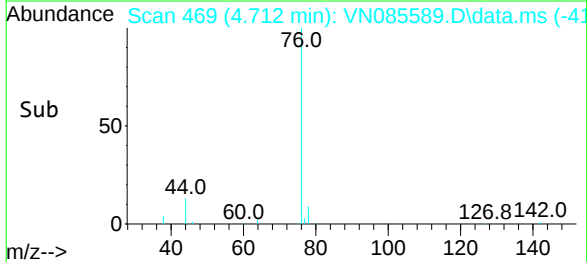
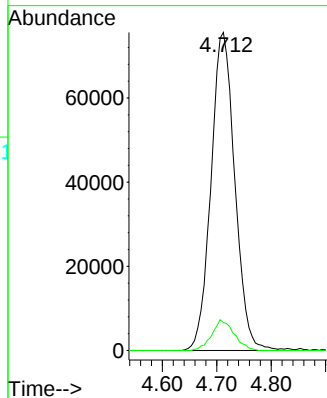
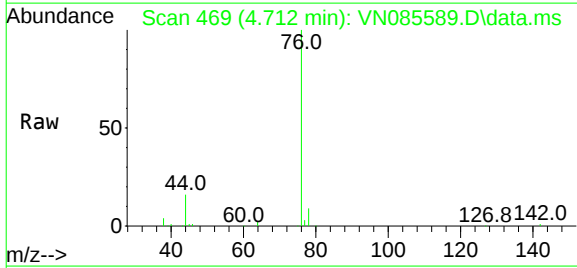
78 8.8 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#18

Methyl Acetate

Concen: 57.659 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN085589.D

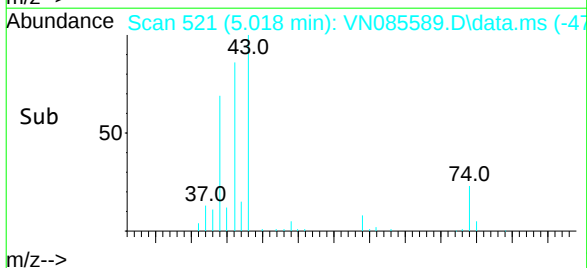
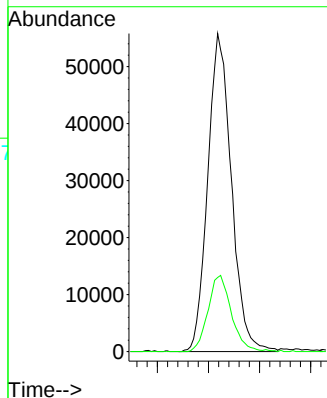
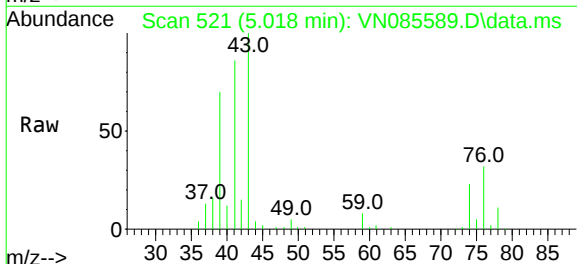
Acq: 30 Jan 2025 19:06

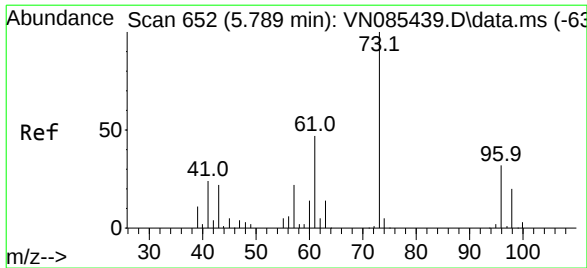
Tgt Ion: 43 Resp: 179430

Ion Ratio Lower Upper

43 100

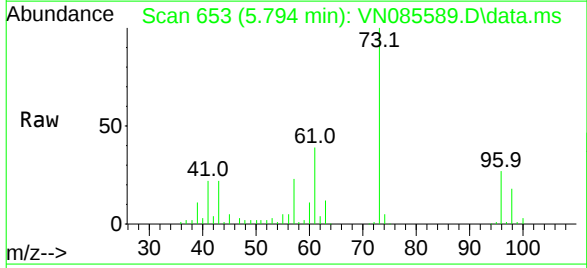
74 23.5 18.6 28.0





#19
Methyl tert-butyl Ether
Concen: 55.275 ug/l
RT: 5.794 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

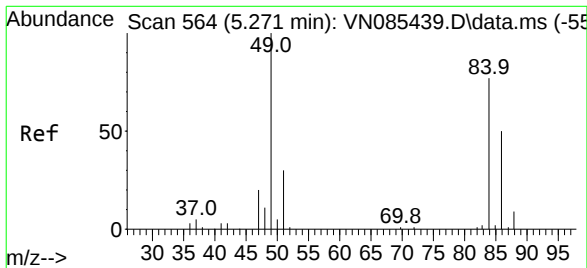
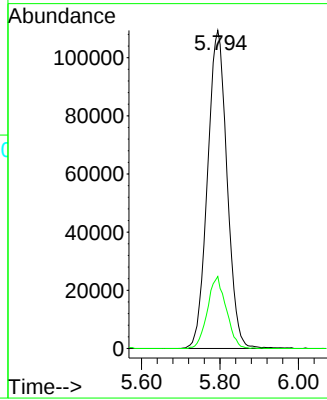
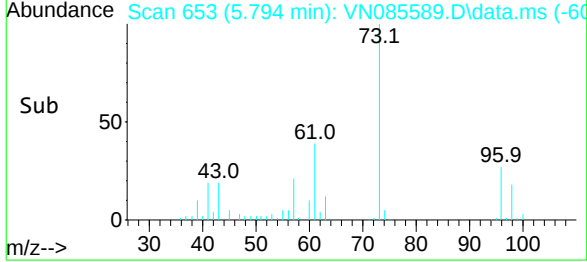
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



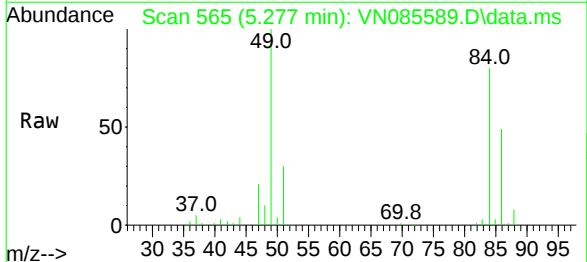
Tgt Ion: 73 Resp: 377960
Ion Ratio Lower Upper
73 100
57 22.6 17.8 26.8

Manual Integrations
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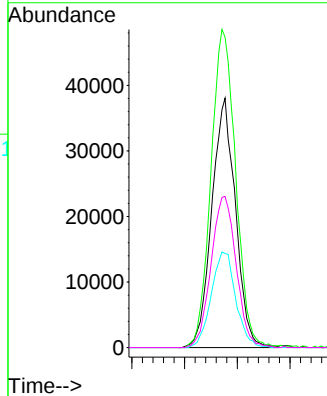
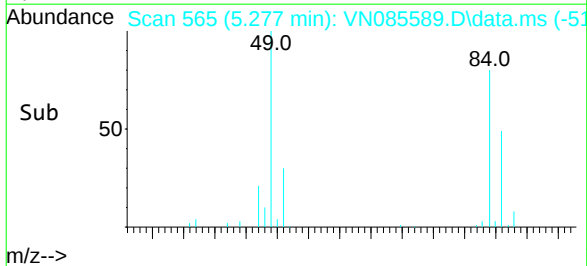
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025

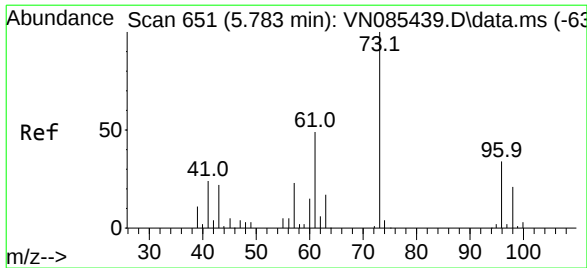


#20
Methylene Chloride
Concen: 46.969 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06



Tgt Ion: 84 Resp: 118994
Ion Ratio Lower Upper
84 100
49 124.5 104.1 156.1
51 37.7 31.0 46.4
86 60.6 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 44.835 ug/l

RT: 5.783 min Scan# 651

Delta R.T. -0.000 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 100903

Ion Ratio Lower Upper

96 100

61 148.8 115.7 173.5

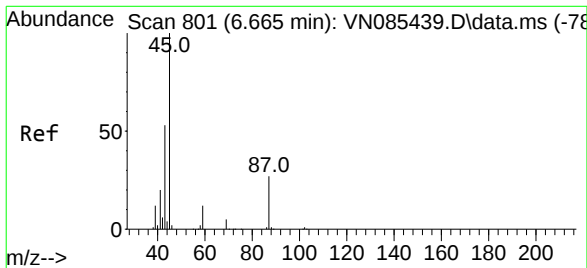
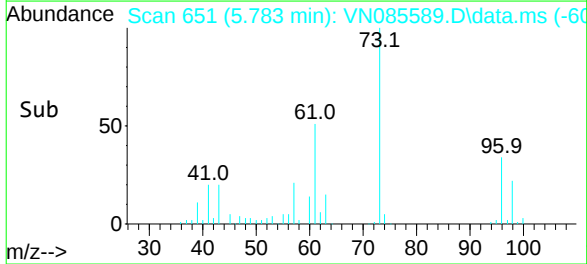
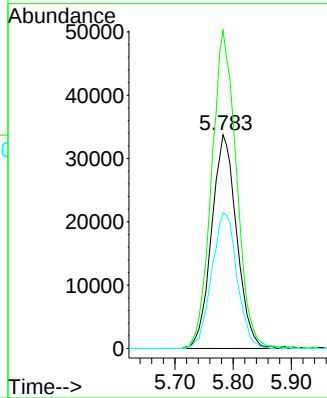
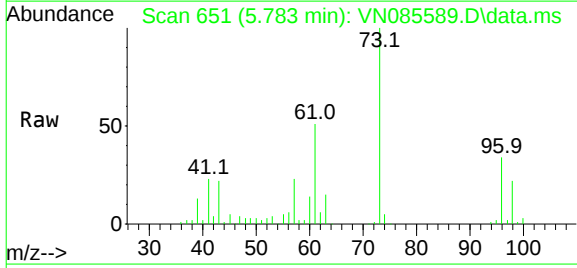
98 63.4 49.8 74.8

Manual Integrations

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Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#22

Diisopropyl ether

Concen: 52.595 ug/l

RT: 6.671 min Scan# 802

Delta R.T. 0.006 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

Tgt Ion: 45 Resp: 398907

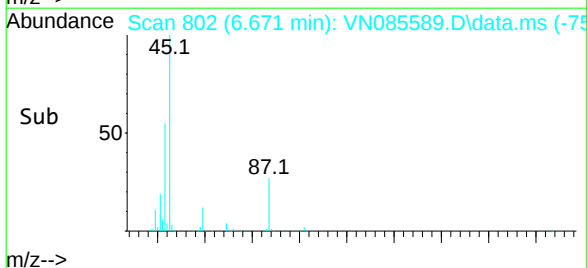
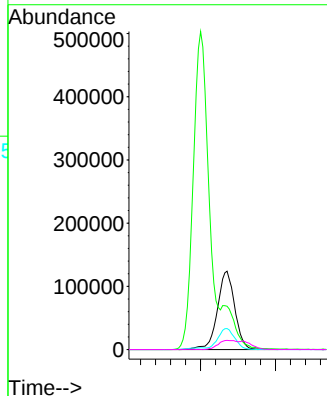
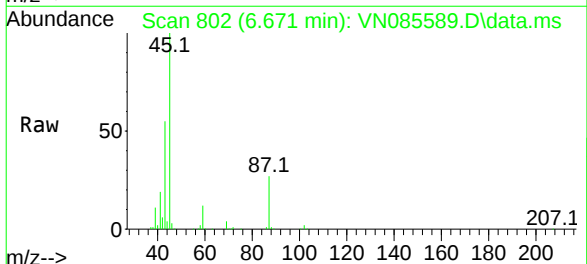
Ion Ratio Lower Upper

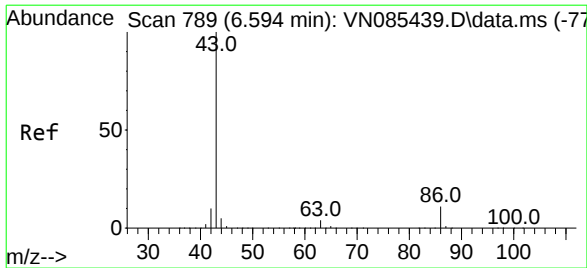
45 100

43 54.6 45.0 67.6

87 26.8 21.8 32.8

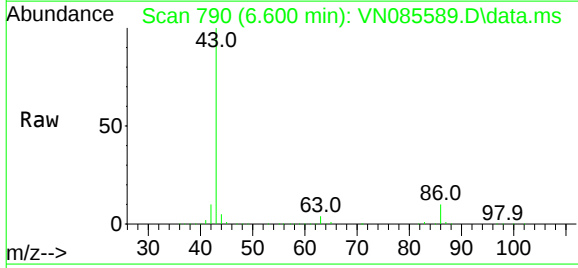
59 11.8 10.2 15.2





#23
 Vinyl Acetate
 Concen: 270.274 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085589.D
 Acq: 30 Jan 2025 19:06

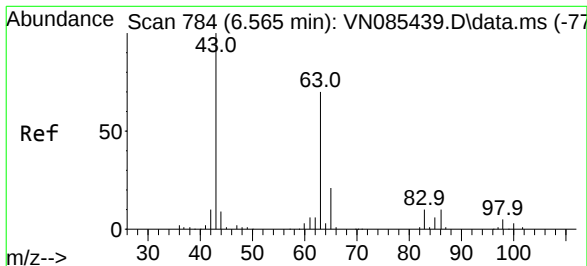
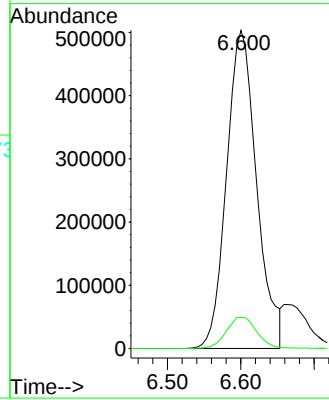
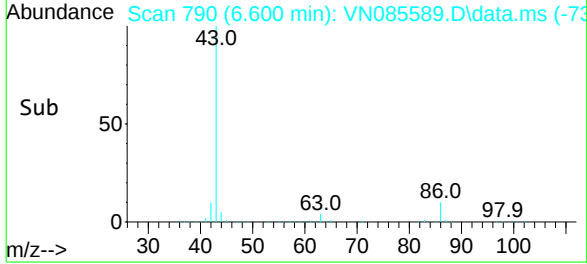
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



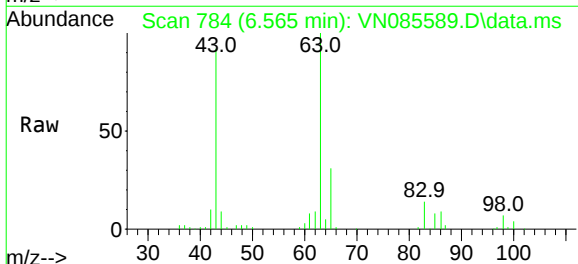
Tgt Ion: 43 Resp: 1434572
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.4 12.6

Manual Integrations
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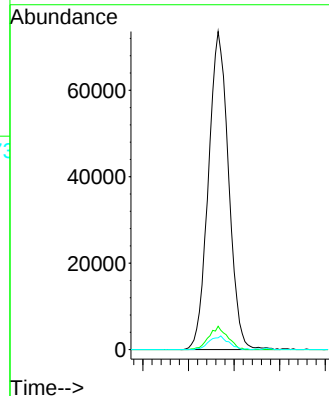
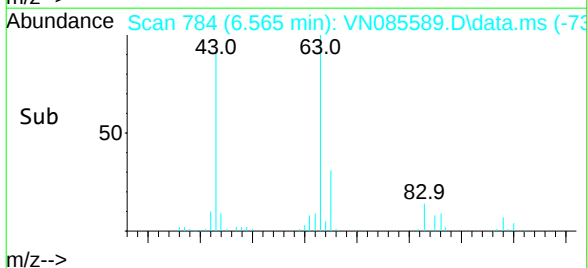
Reviewed By :John Carlone 01/31/2025
 Supervised By :Semsettin Yesilyurt 01/31/2025

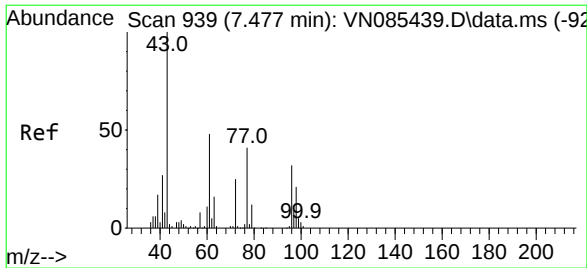


#24
 1,1-Dichloroethane
 Concen: 48.895 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085589.D
 Acq: 30 Jan 2025 19:06



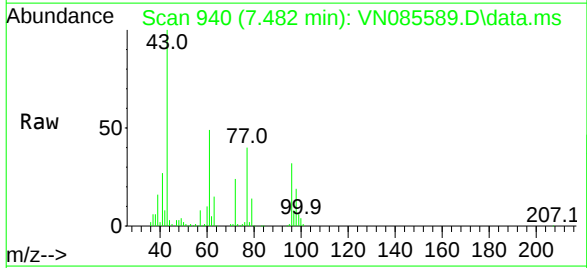
Tgt Ion: 63 Resp: 226122
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.8
 100 3.7 2.0 6.0





#25
2-Butanone
Concen: 276.111 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

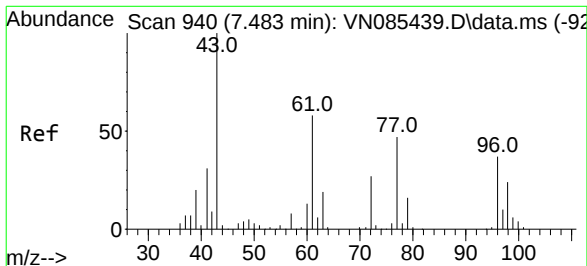
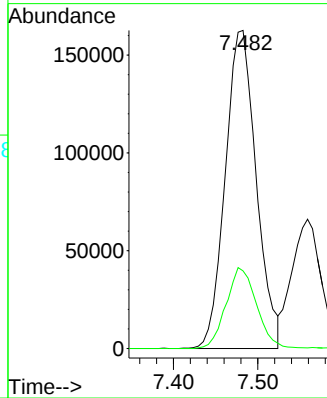
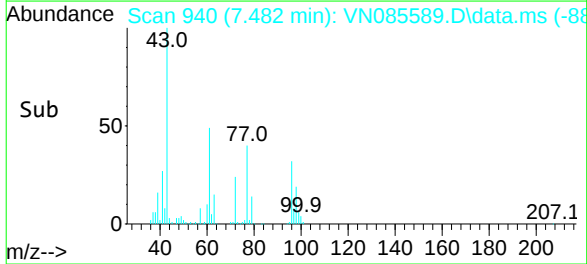
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



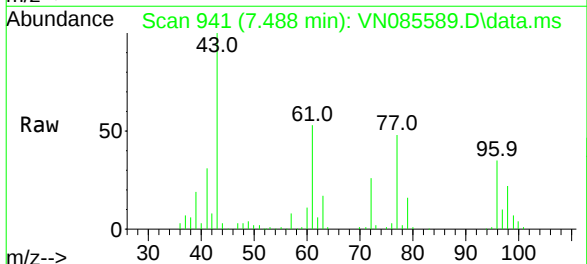
Tgt Ion: 43 Resp: 415823
Ion Ratio Lower Upper
43 100
72 24.4 20.2 30.4

Manual Integrations
APPROVED

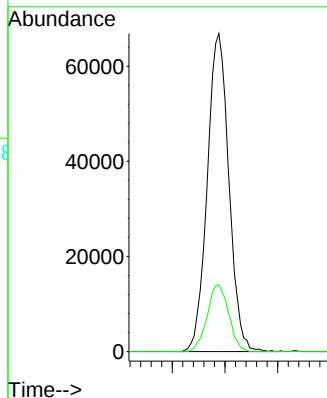
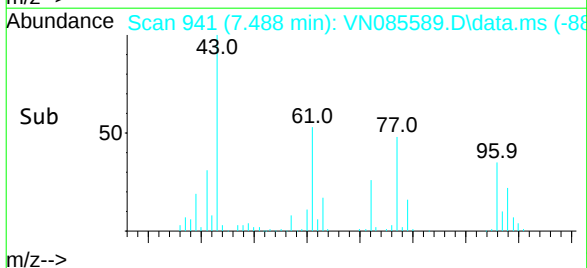
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025

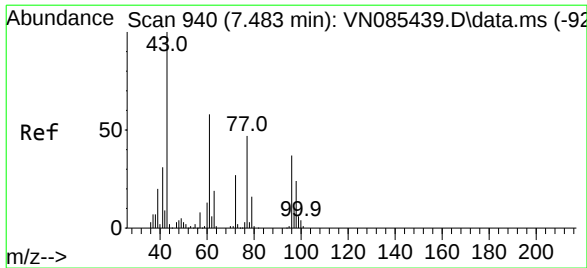


#26
2,2-Dichloropropane
Concen: 50.904 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06



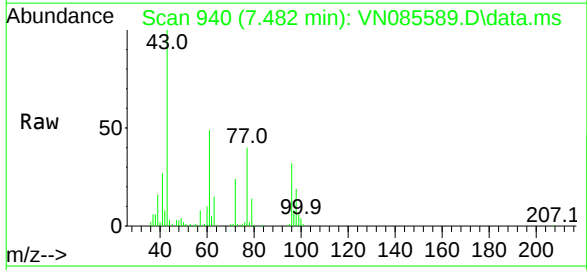
Tgt Ion: 77 Resp: 190331
Ion Ratio Lower Upper
77 100
97 20.9 10.7 32.1





#27
cis-1,2-Dichloroethene
Concen: 49.172 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

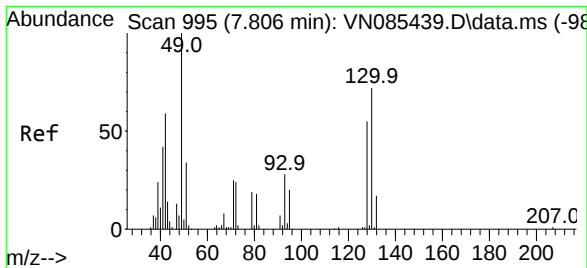
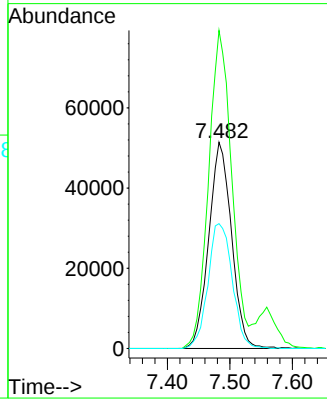
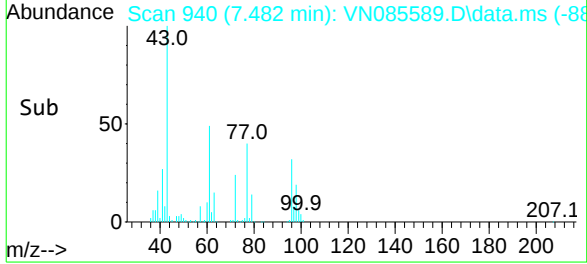
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 130341
Ion Ratio Lower Upper
96 100
61 155.8 0.0 311.8
98 64.5 0.0 126.0

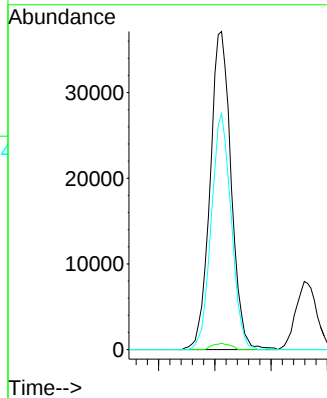
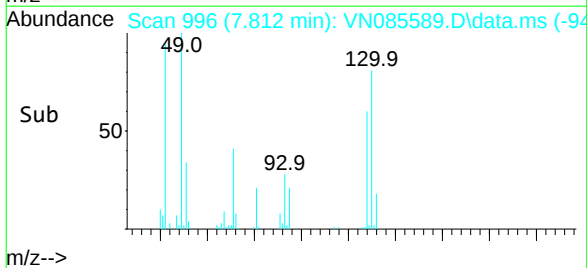
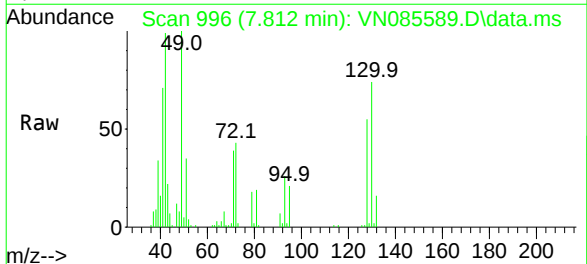
Manual Integrations
APPROVED

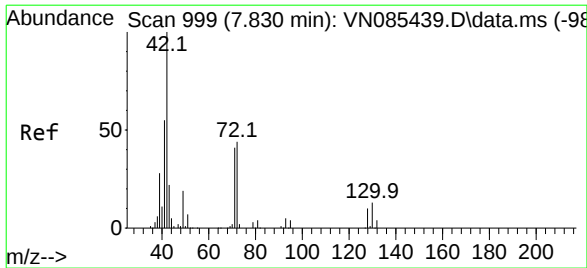
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#28
Bromochloromethane
Concen: 44.848 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion: 49 Resp: 96493
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.4
130 70.1 55.0 82.4





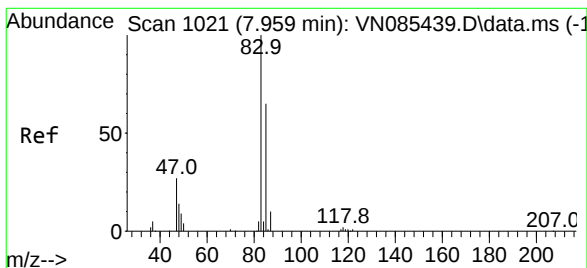
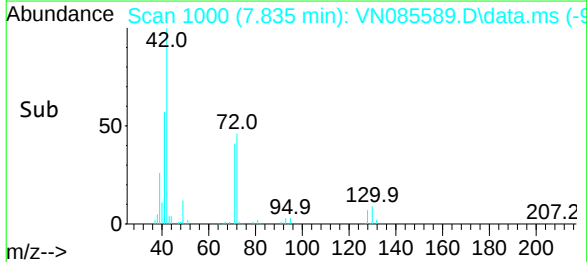
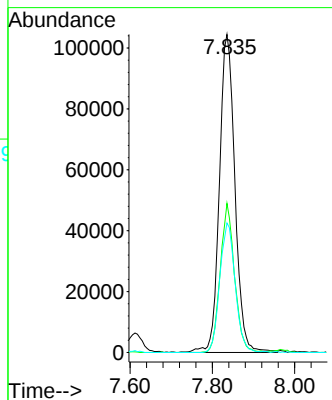
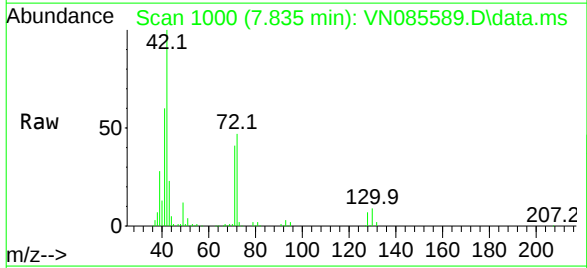
#29
Tetrahydrofuran
Concen: 286.849 ug/l
RT: 7.835 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 273886
Ion Ratio Lower Upper
42 100
72 43.3 34.2 51.2
71 40.3 32.5 48.7

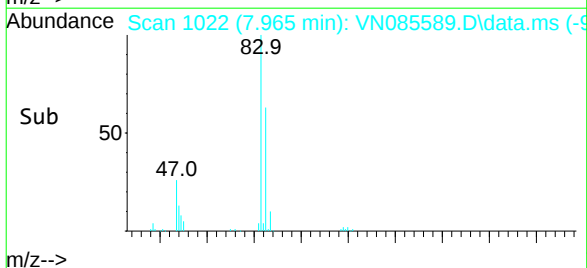
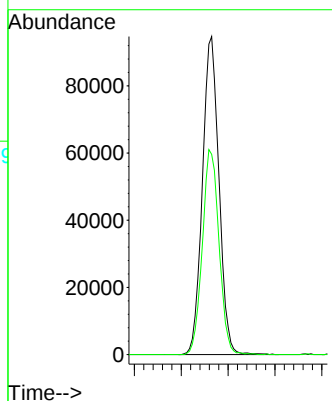
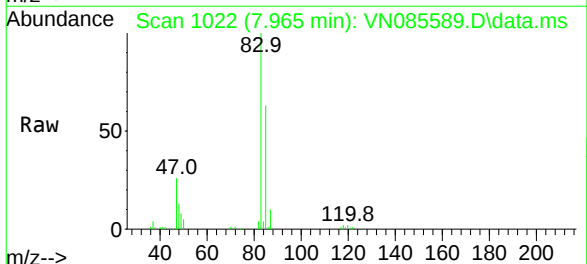
Manual Integrations
APPROVED

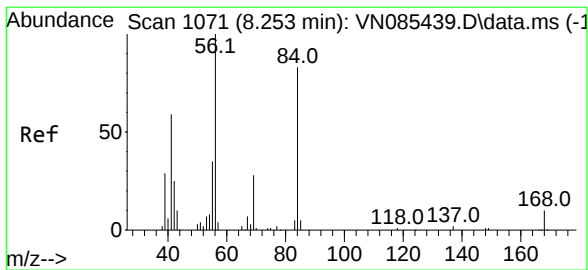
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#30
Chloroform
Concen: 48.506 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion: 83 Resp: 231846
Ion Ratio Lower Upper
83 100
85 63.0 51.8 77.6





#31
Cyclohexane
Concen: 40.660 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Instrument :

MSVOA_N

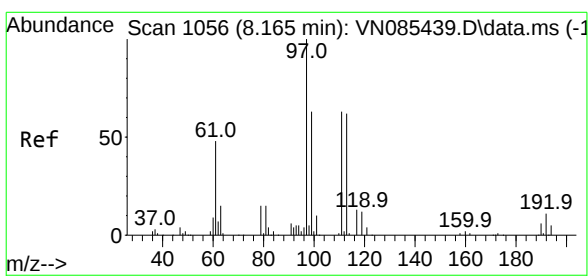
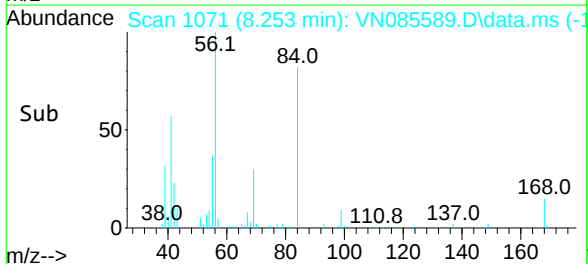
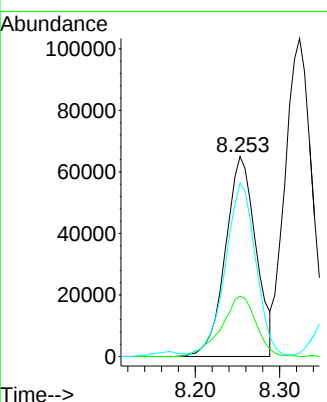
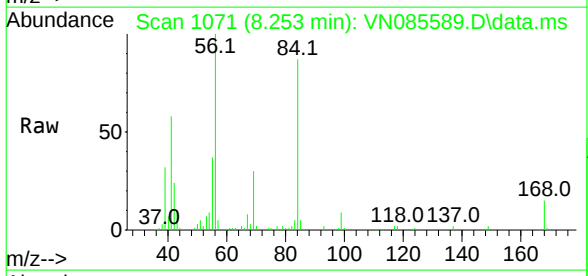
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	56	Resp:	163440
Ion	Ratio	Lower	Upper
56	100		
69	30.2	22.2	33.4
84	84.2	66.4	99.6

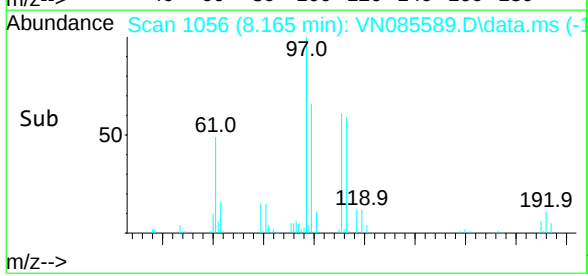
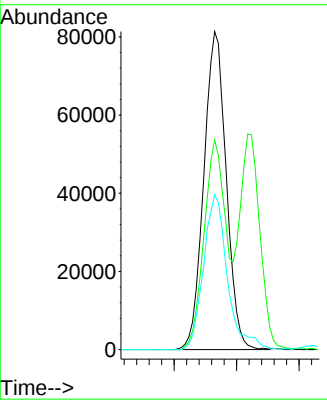
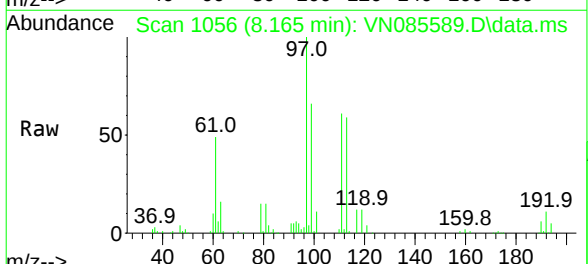
Manual Integrations
APPROVED

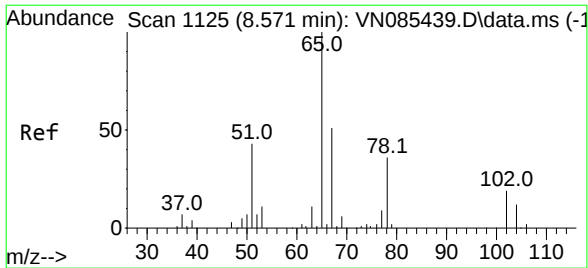
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#32
1,1,1-Trichloroethane
Concen: 48.316 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

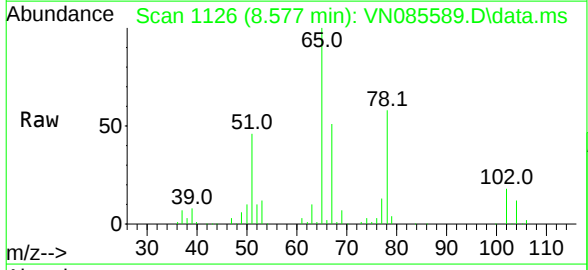
Tgt Ion:	97	Resp:	202572
Ion	Ratio	Lower	Upper
97	100		
99	65.4	49.8	74.6
61	52.0	41.4	62.2





#33
 1,2-Dichloroethane-d4
 Concen: 51.410 ug/l
 RT: 8.577 min Scan# 1115
 Delta R.T. 0.006 min
 Lab File: VN085589.D
 Acq: 30 Jan 2025 19:06

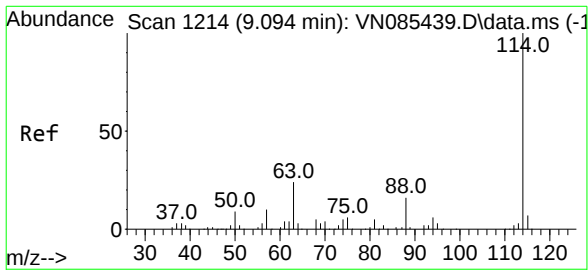
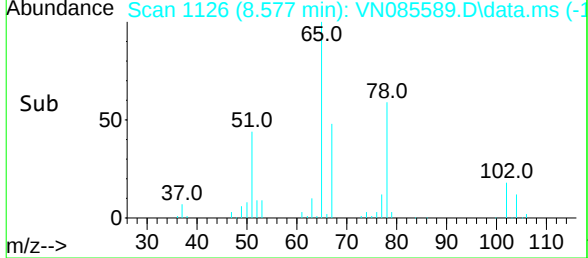
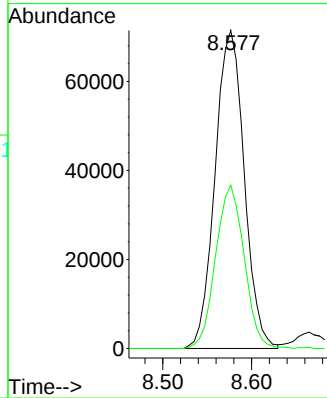
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 65 Resp: 162831
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 101.6

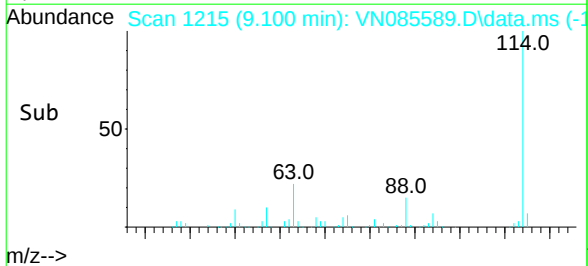
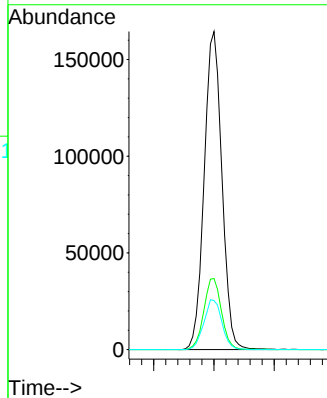
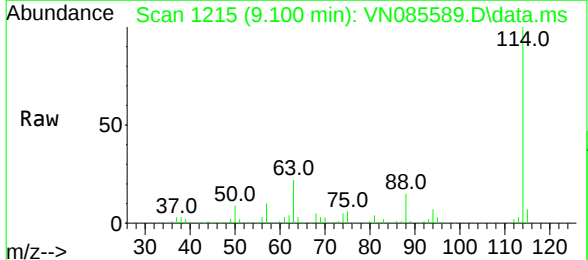
Manual Integrations
APPROVED

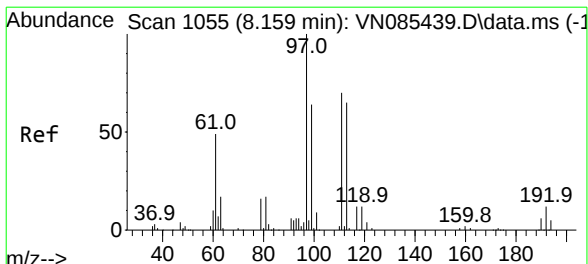
Reviewed By :John Carlone 01/31/2025
 Supervised By :Semsettin Yesilyurt 01/31/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085589.D
 Acq: 30 Jan 2025 19:06

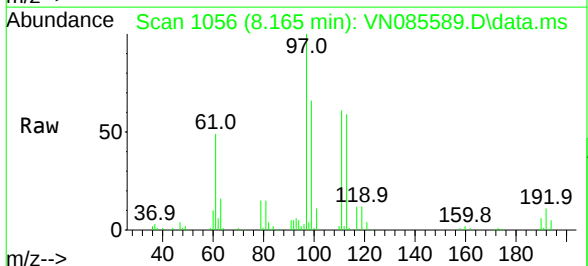
Tgt Ion:114 Resp: 335615
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 47.6
 88 15.4 0.0 32.6





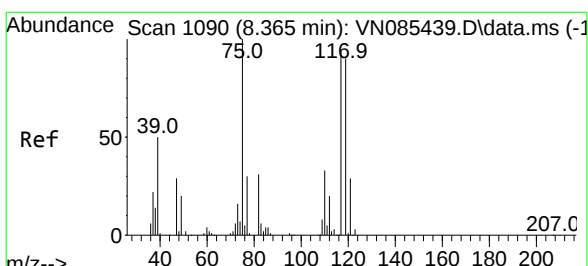
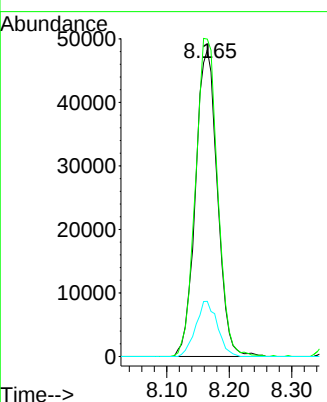
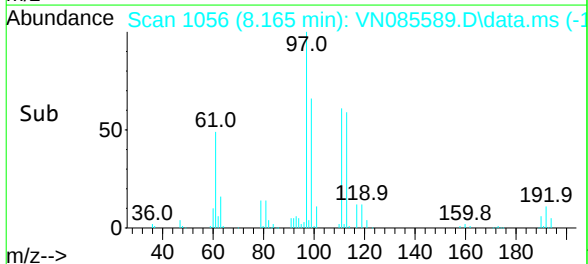
#35
 Dibromofluoromethane
 Concen: 50.505 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085589.D
 Acq: 30 Jan 2025 19:06

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

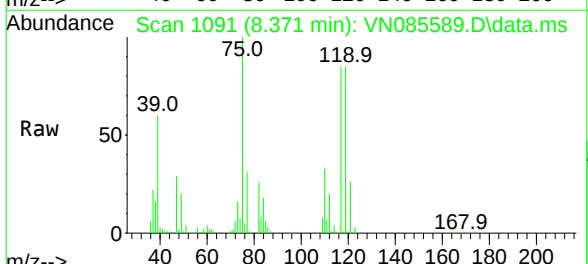


Tgt Ion:	113	Resp:	117594
Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.7	124.1
192	17.8	14.3	21.5

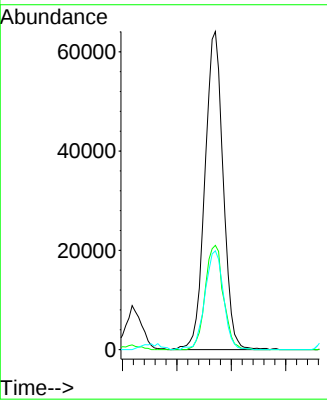
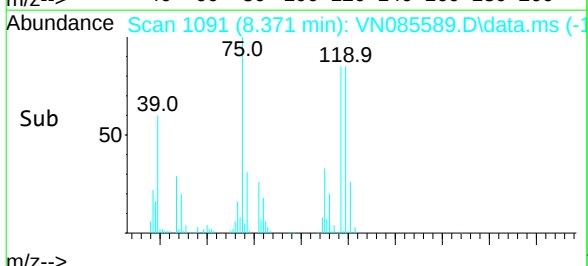
Manual Integrations
APPROVED
 Reviewed By :John Carlone 01/31/2025
 Supervised By :Semsettin Yesilyurt 01/31/2025

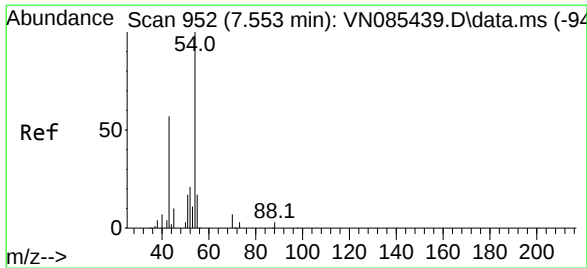


#36
 1,1-Dichloropropene
 Concen: 45.649 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085589.D
 Acq: 30 Jan 2025 19:06



Tgt Ion:	75	Resp:	149170
Ion	Ratio	Lower	Upper
75	100		
110	32.7	16.5	49.5
77	31.6	24.4	36.6





#37

Ethyl Acetate

Concen: 50.358 ug/l

RT: 7.559 min Scan# 95

Delta R.T. 0.006 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 166099

Ion Ratio Lower Upper

43 100

61 13.0 10.9 16.3

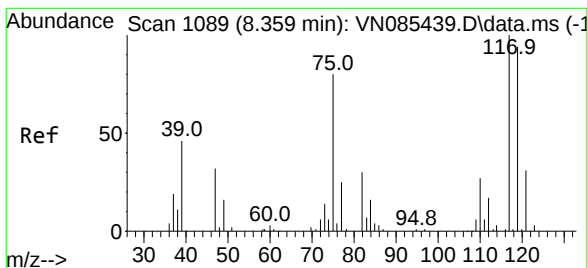
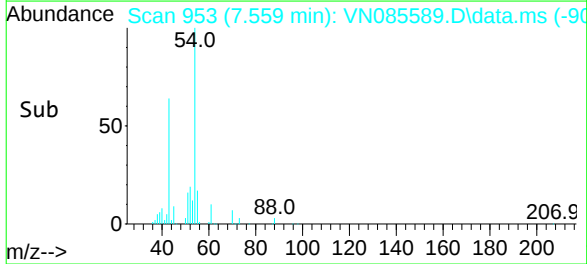
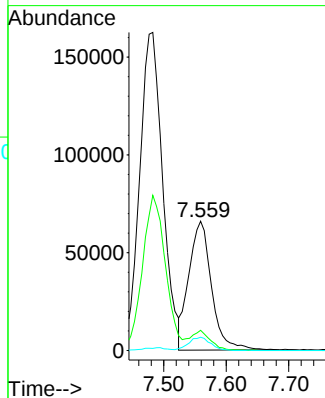
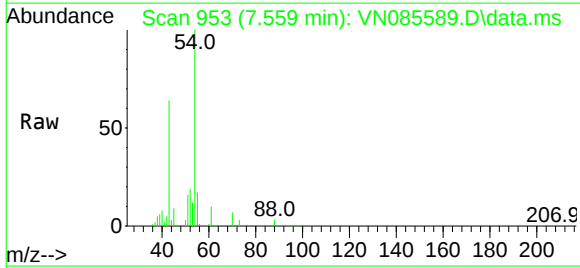
70 9.8 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#38

Carbon Tetrachloride

Concen: 46.643 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

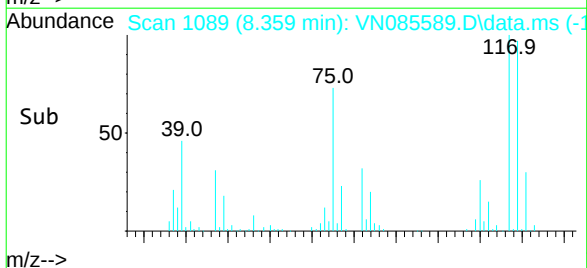
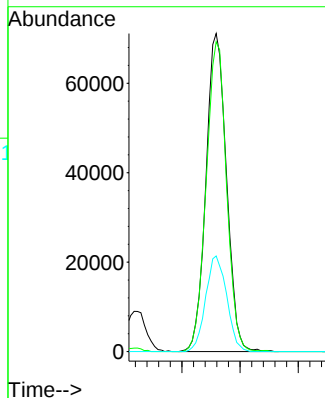
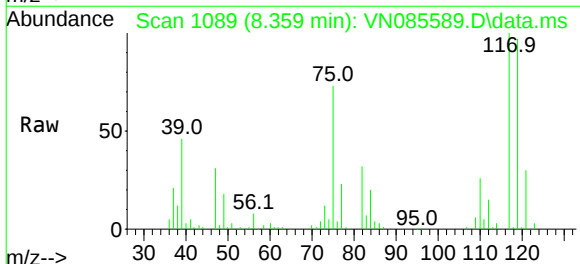
Tgt Ion:117 Resp: 174494

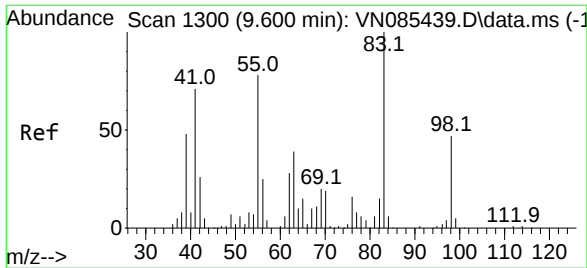
Ion Ratio Lower Upper

117 100

119 97.4 75.4 113.2

121 30.1 24.6 37.0





#39
Methylcyclohexane
Concen: 46.457 ug/l
RT: 9.600 min Scan# 131
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Instrument :

MSVOA_N

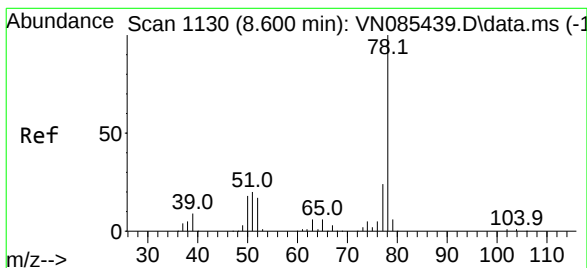
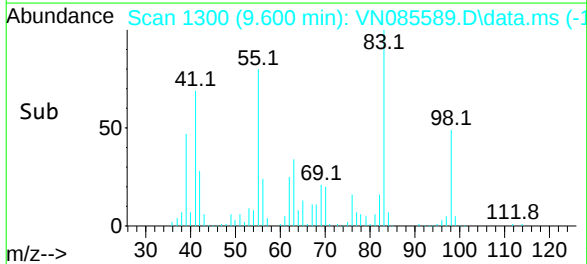
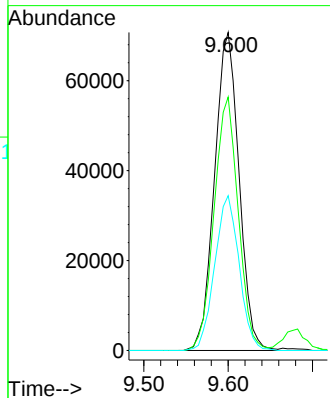
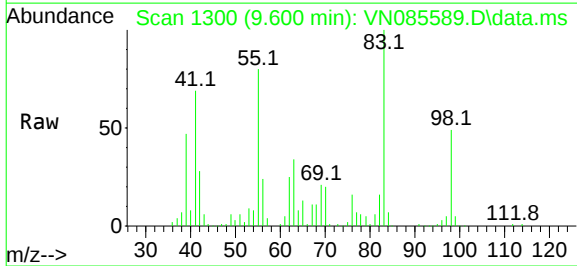
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 142657
Ion Ratio Lower Upper
83 100
55 79.7 62.6 94.0
98 48.7 37.7 56.5

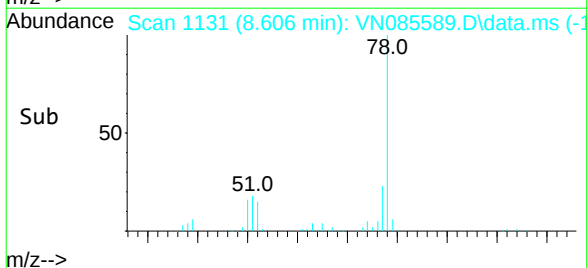
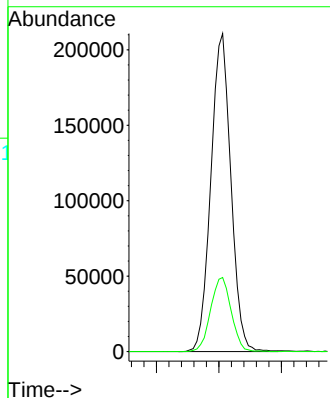
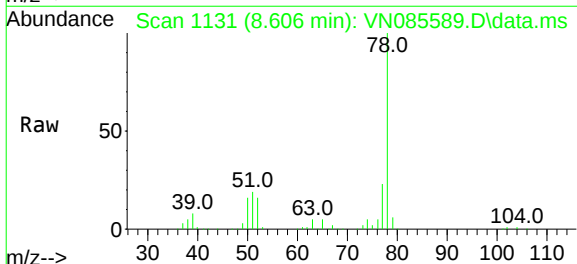
Manual Integrations
APPROVED

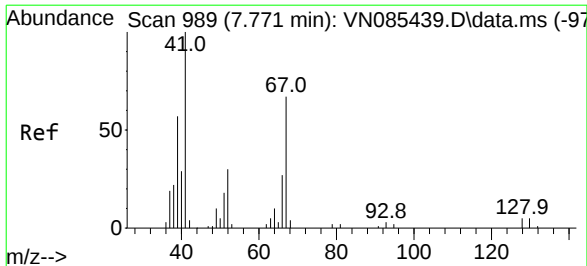
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#40
Benzene
Concen: 47.711 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion: 78 Resp: 468453
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6





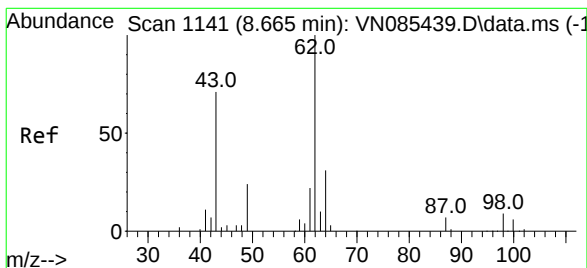
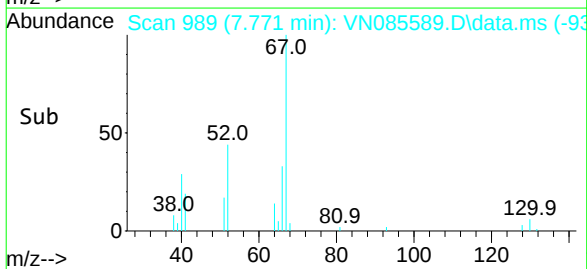
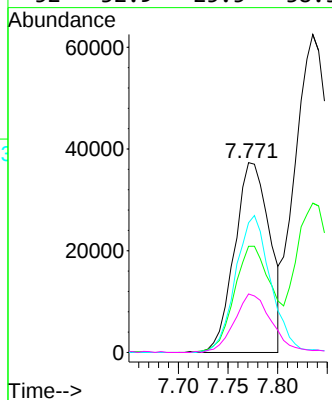
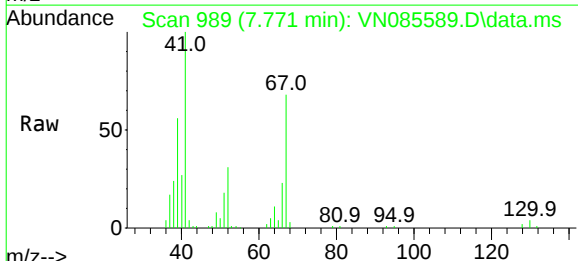
#41
Methacrylonitrile
Concen: 53.618 ug/l
RT: 7.771 min Scan# 989
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	92010
Ion	Ratio	Lower	Upper
41	100		
39	60.9	46.0	69.0
67	72.7	57.4	86.2
52	32.9	25.5	38.3

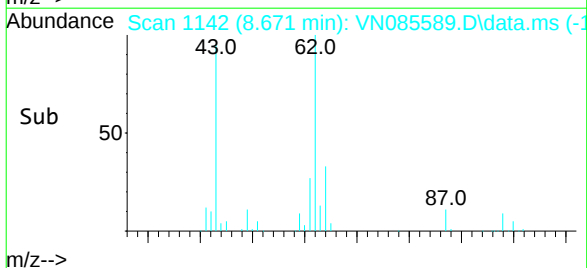
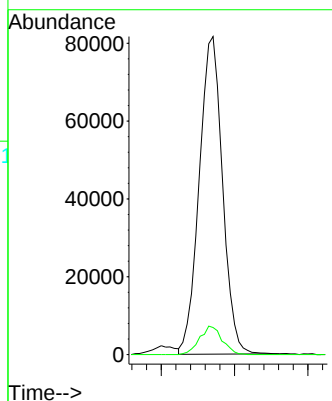
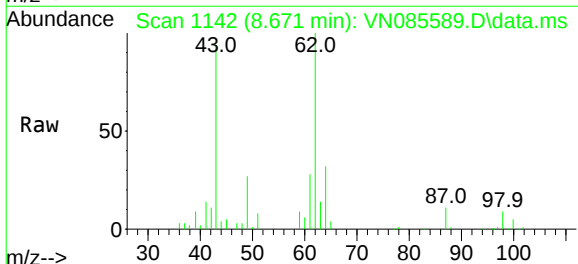
Manual Integrations
APPROVED

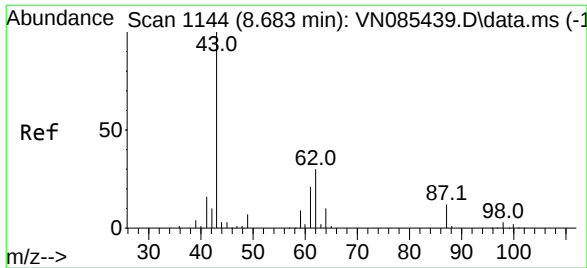
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#42
1,2-Dichloroethane
Concen: 48.718 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion:	62	Resp:	180158
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0





#43

Isopropyl Acetate

Concen: 55.903 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

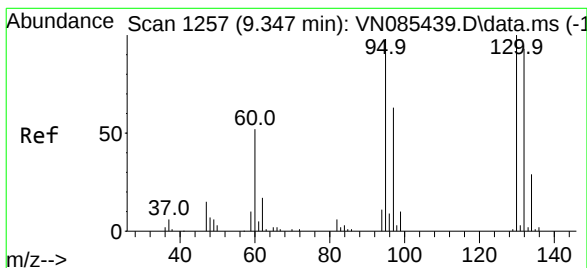
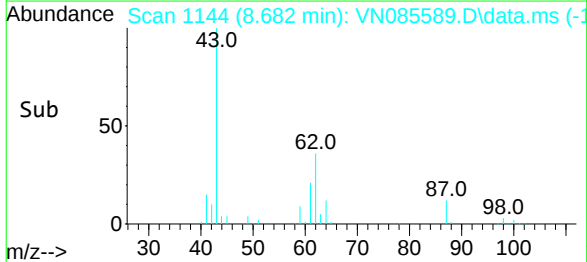
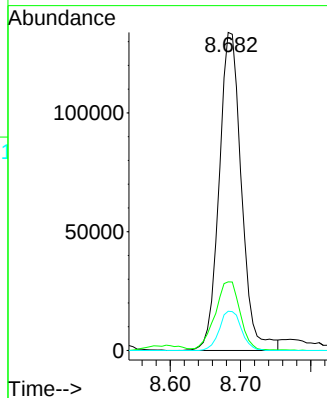
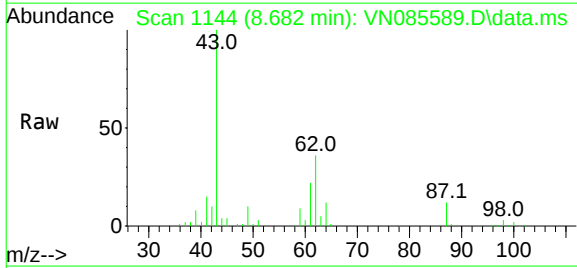
Tgt Ion:	43	Resp:	295453
Ion	Ratio	Lower	Upper
43	100		
61	24.5	20.7	31.1
87	12.1	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#44

Trichloroethene

Concen: 46.011 ug/l

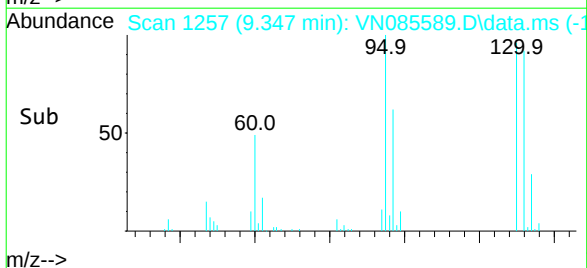
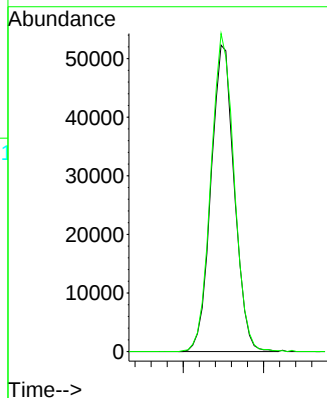
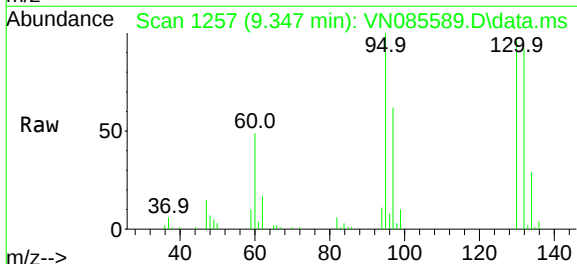
RT: 9.347 min Scan# 1257

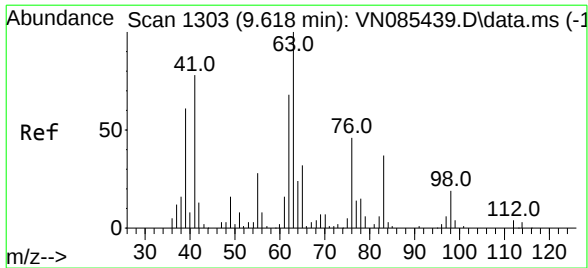
Delta R.T. -0.000 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

Tgt Ion:	130	Resp:	105161
Ion	Ratio	Lower	Upper
130	100		
95	103.8	0.0	195.8





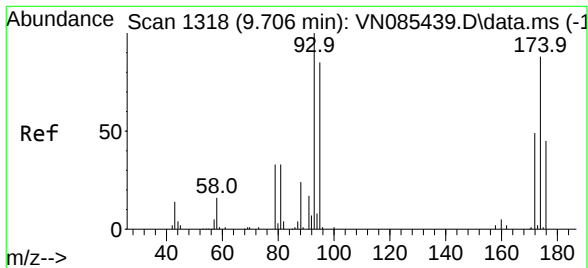
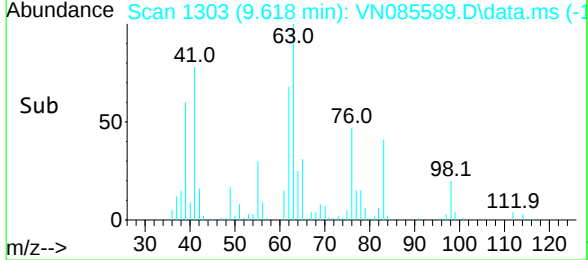
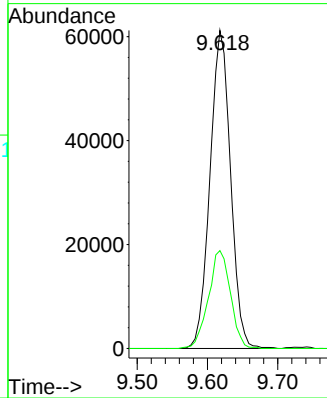
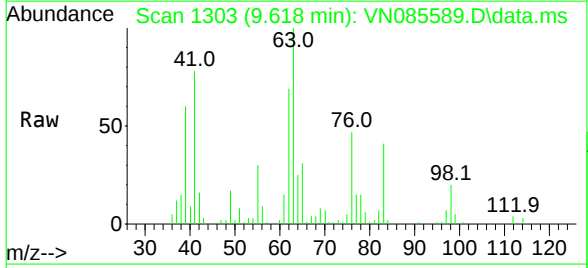
#45
1,2-Dichloropropane
Concen: 49.634 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 124479
Ion Ratio Lower Upper
63 100
65 30.8 25.6 38.4

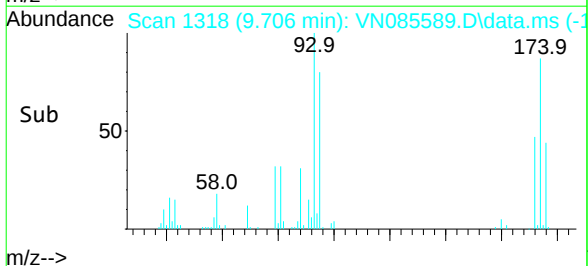
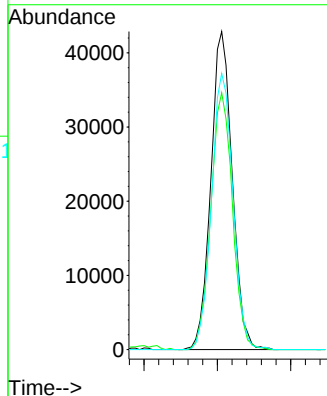
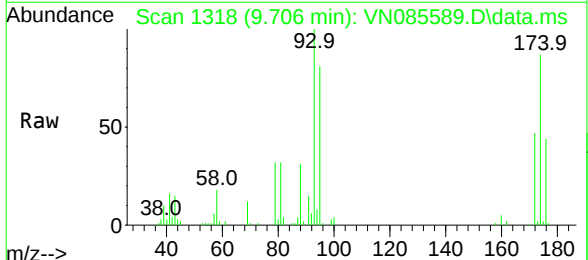
Manual Integrations
APPROVED

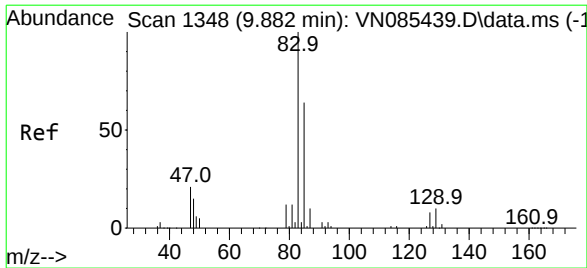
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#46
Dibromomethane
Concen: 48.009 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion: 93 Resp: 86879
Ion Ratio Lower Upper
93 100
95 81.8 64.7 97.1
174 87.4 69.0 103.4





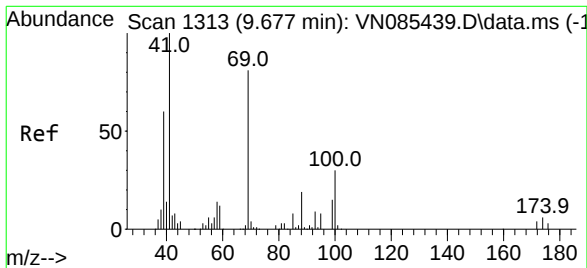
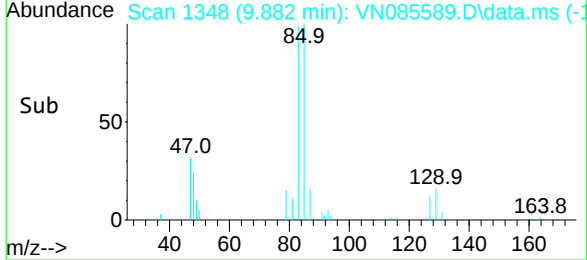
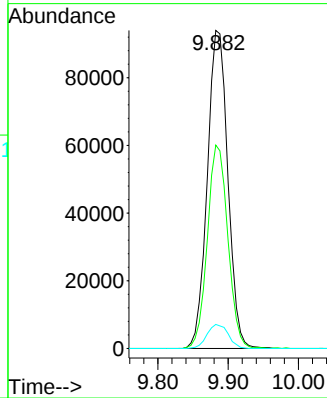
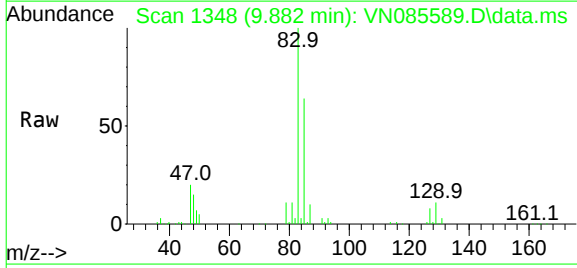
#47
Bromodichloromethane
Concen: 51.714 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 190657
Ion Ratio Lower Upper
83 100
85 63.9 51.2 76.8
127 7.6 6.5 9.7

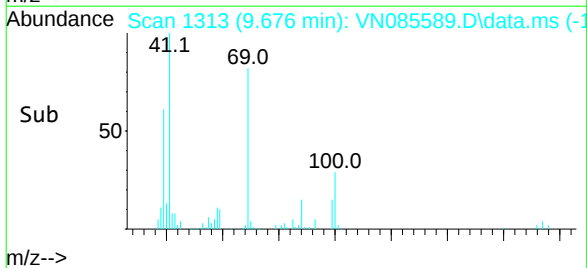
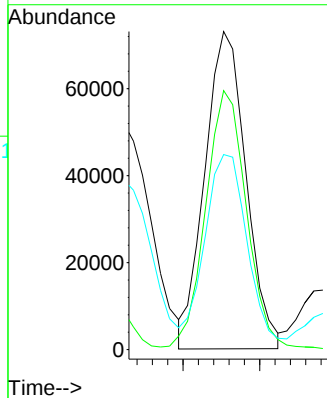
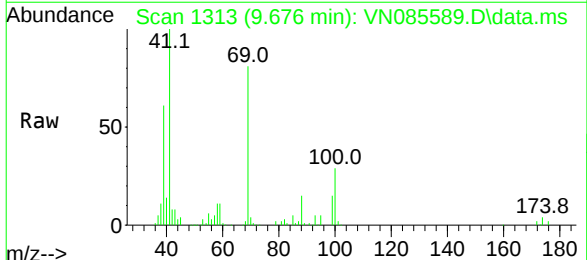
Manual Integrations
APPROVED

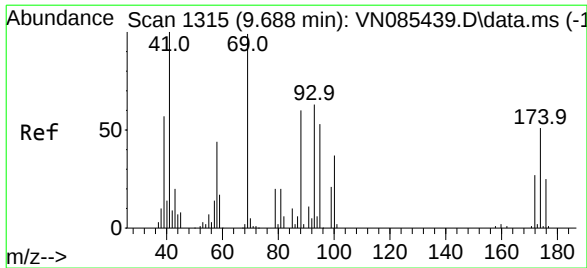
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#48
Methyl methacrylate
Concen: 57.175 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.001 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

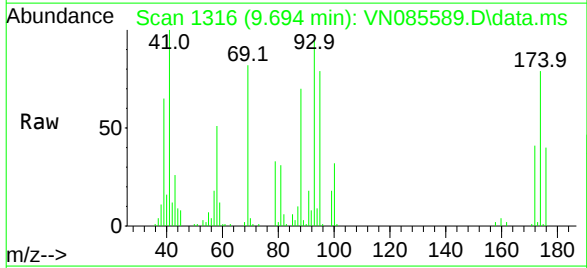
Tgt Ion: 41 Resp: 135987
Ion Ratio Lower Upper
41 100
69 80.4 64.7 97.1
39 64.5 49.0 73.6





#49
1,4-Dioxane
Concen: 1115.842 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

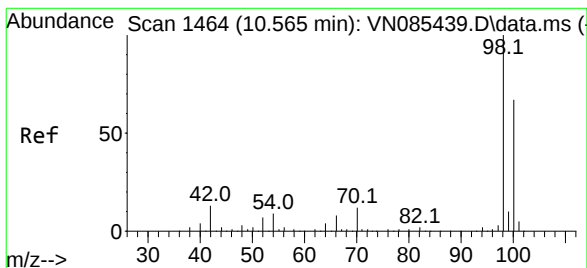
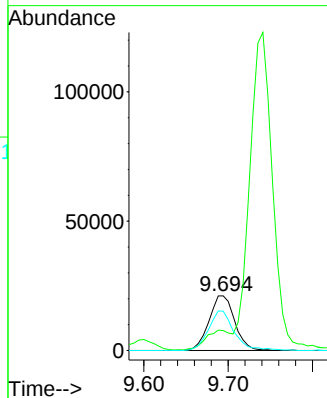
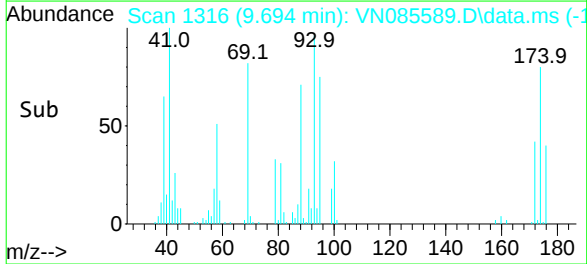
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 44692
Ion Ratio Lower Upper
88 100
43 36.7 26.6 39.8
58 72.9 59.5 89.3

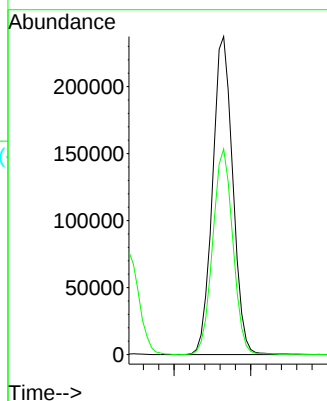
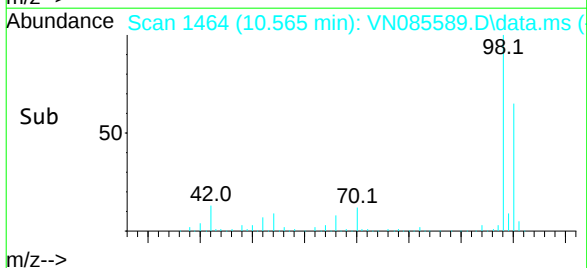
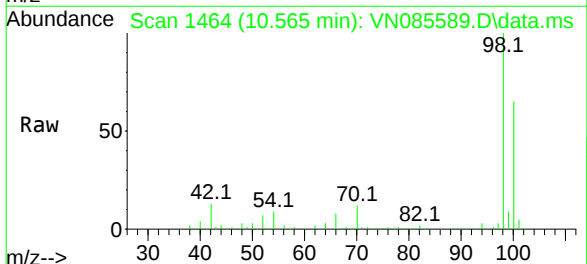
Manual Integrations
APPROVED

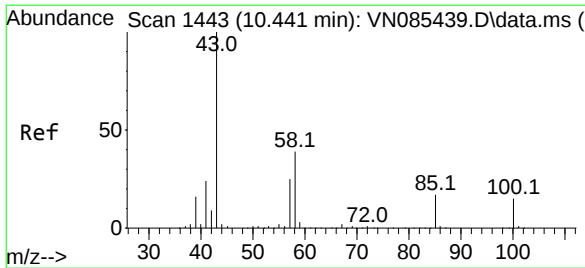
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#50
Toluene-d8
Concen: 52.529 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion: 98 Resp: 434546
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.4





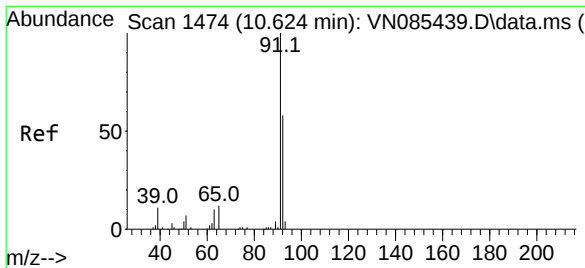
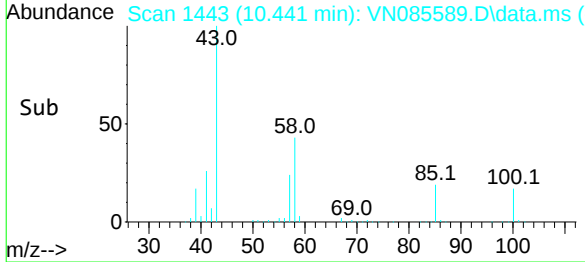
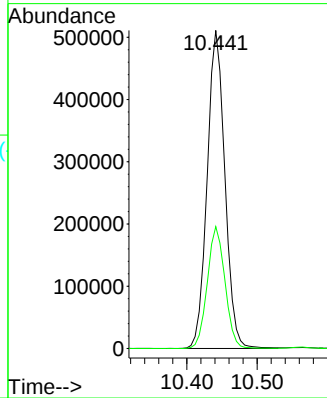
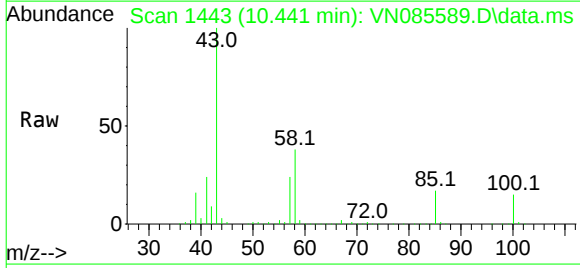
#51
4-Methyl-2-Pentanone
Concen: 291.772 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 894836
Ion Ratio Lower Upper
43 100
58 38.1 30.5 45.7

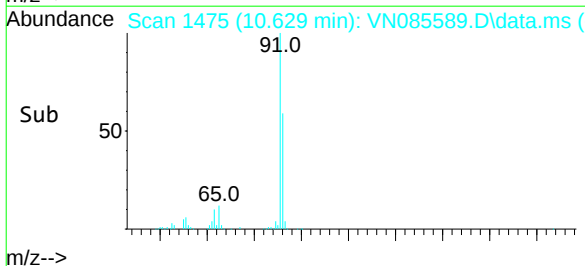
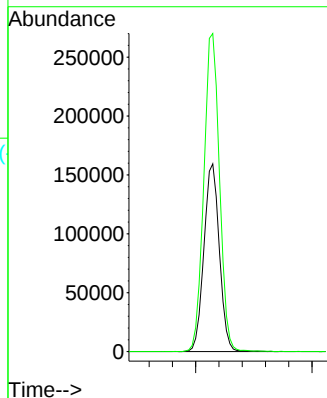
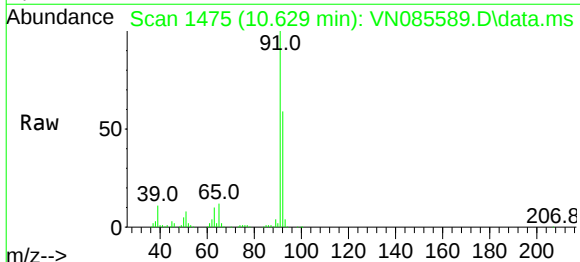
Manual Integrations
APPROVED

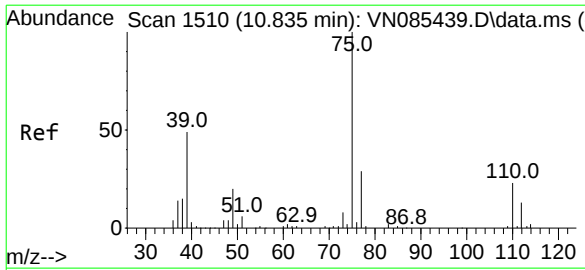
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#52
Toluene
Concen: 51.578 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

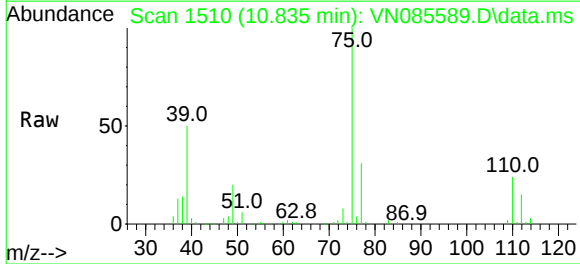
Tgt Ion: 92 Resp: 293434
Ion Ratio Lower Upper
92 100
91 172.3 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 53.277 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

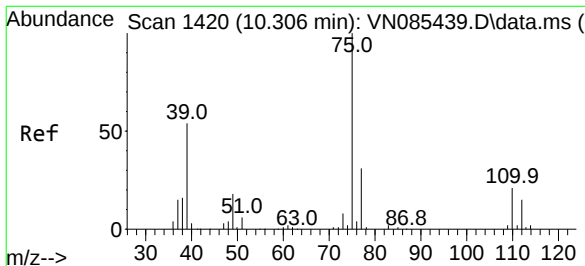
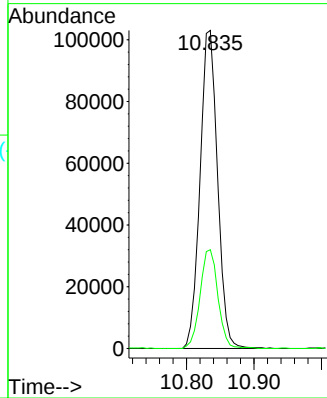
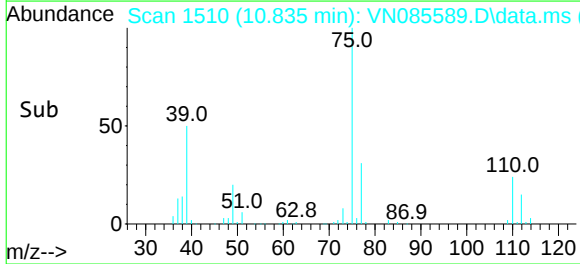
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



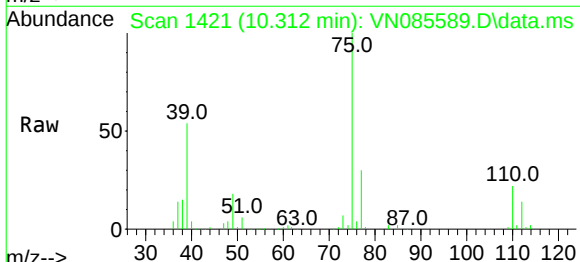
Tgt Ion: 75 Resp: 185623
Ion Ratio Lower Upper
75 100
77 31.1 23.5 35.3

Manual Integrations
APPROVED

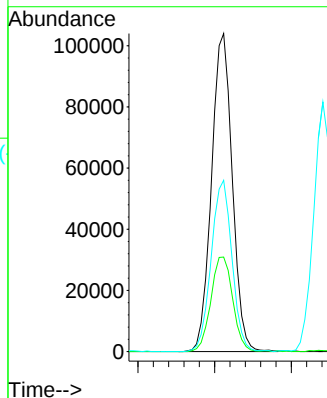
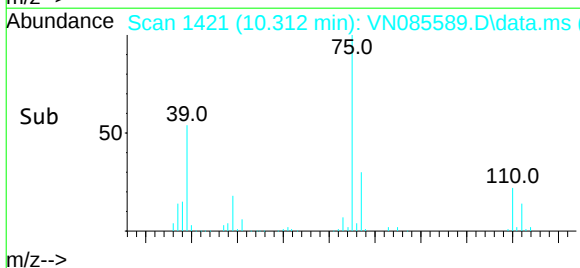
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025

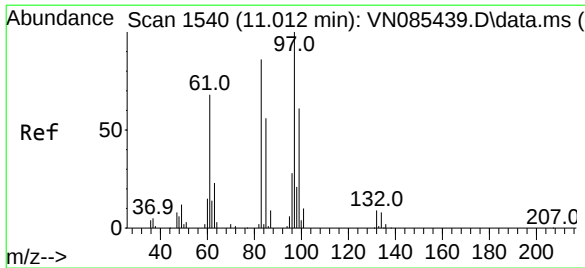


#54
cis-1,3-Dichloropropene
Concen: 52.519 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06



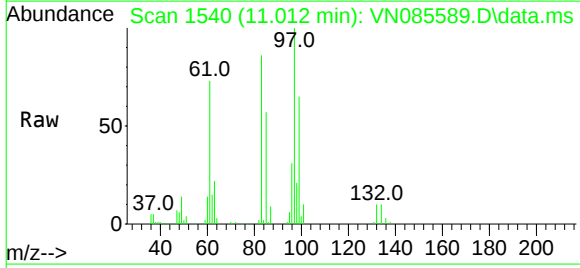
Tgt Ion: 75 Resp: 195455
Ion Ratio Lower Upper
75 100
77 29.7 25.0 37.4
39 53.9 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 51.501 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

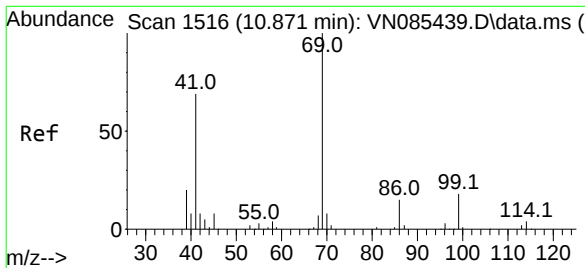
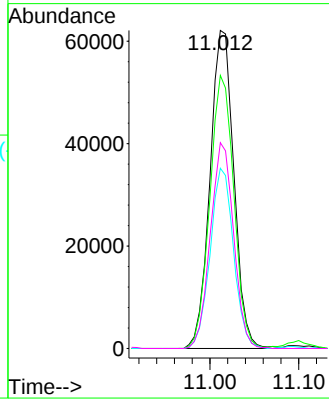
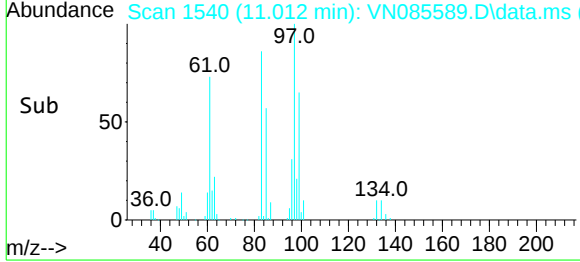
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



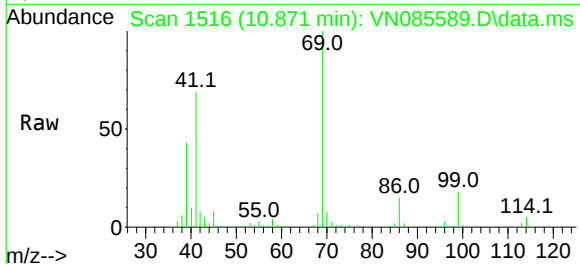
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.9	69.0	103.6
85	56.7	44.6	66.8
99	64.7	48.6	72.8

Manual Integrations
APPROVED

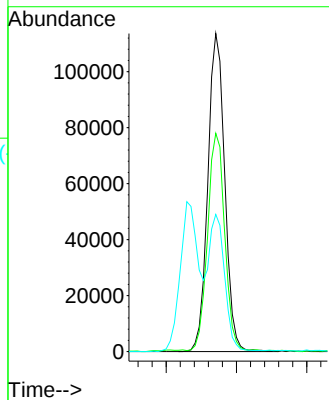
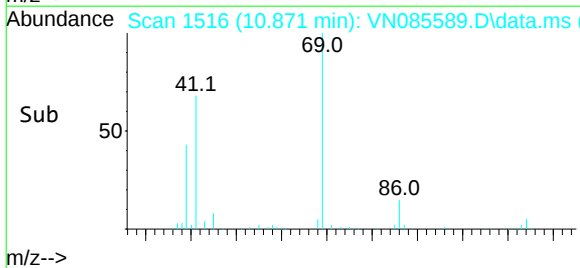
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025

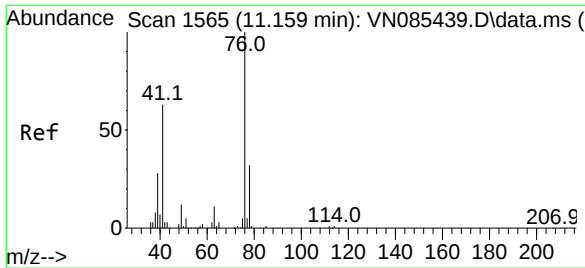


#56
Ethyl methacrylate
Concen: 50.062 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06



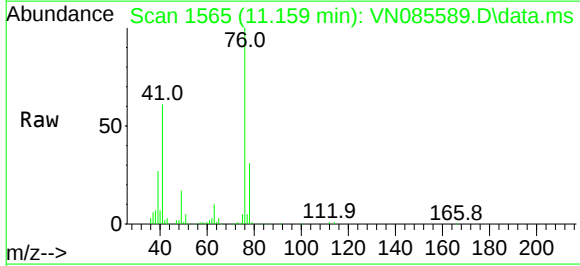
Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.8	54.6	82.0
39	40.5	32.4	48.6





#57
1,3-Dichloropropane
Concen: 52.723 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

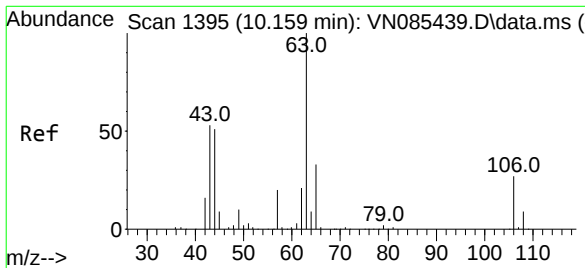
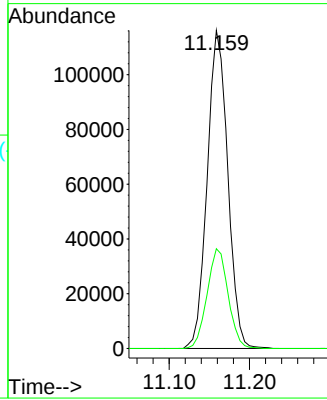
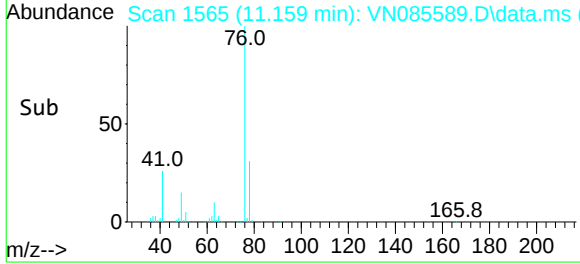
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 206402
Ion Ratio Lower Upper
76 100
78 32.1 25.6 38.4

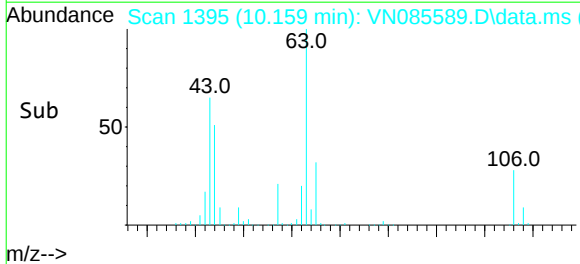
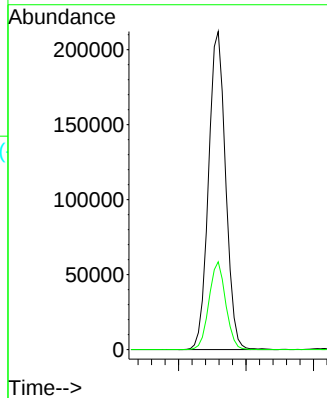
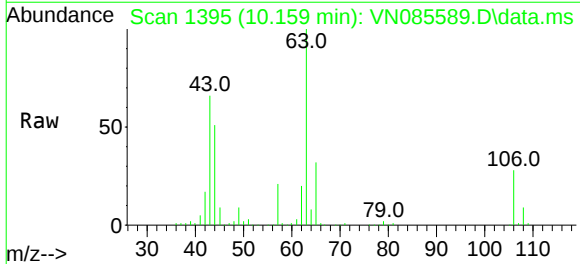
Manual Integrations
APPROVED

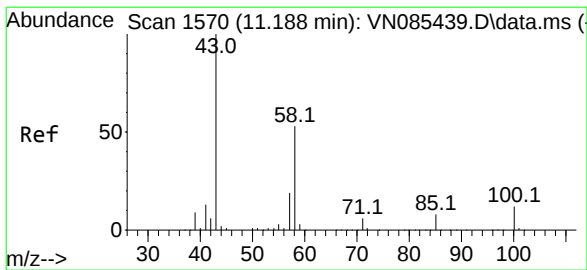
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#58
2-Chloroethyl Vinyl ether
Concen: 260.567 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion: 63 Resp: 372287
Ion Ratio Lower Upper
63 100
106 27.0 21.6 32.4





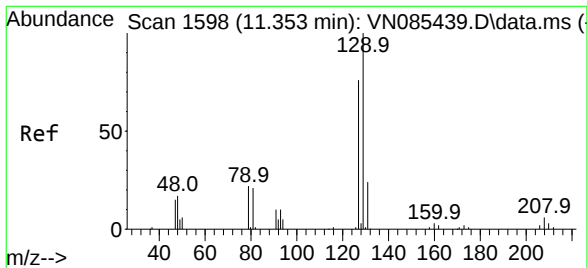
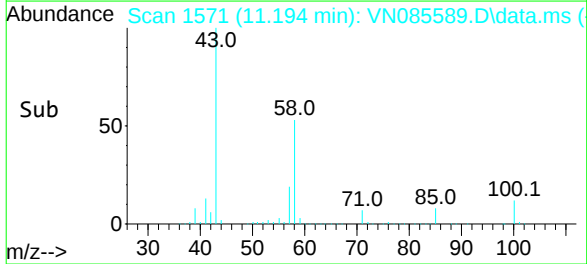
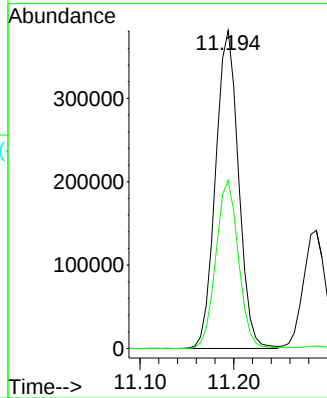
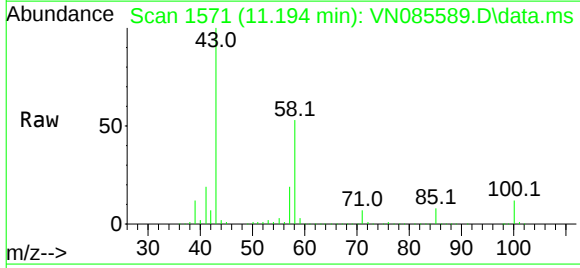
#59
2-Hexanone
Concen: 300.823 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 649161
Ion Ratio Lower Upper
43 100
58 52.1 26.2 78.6

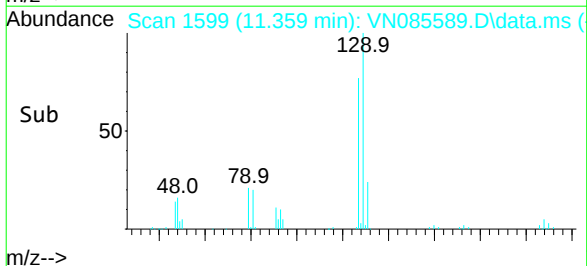
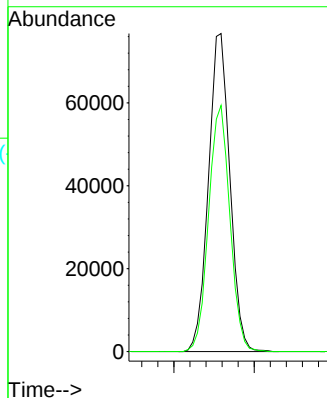
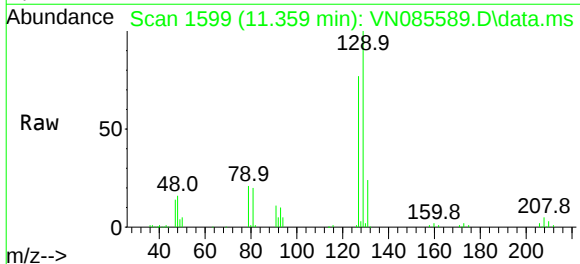
Manual Integrations
APPROVED

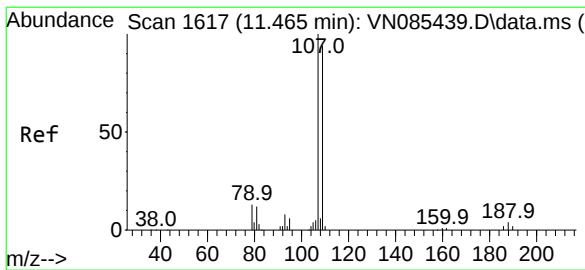
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#60
Dibromochloromethane
Concen: 52.438 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion:129 Resp: 142533
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8





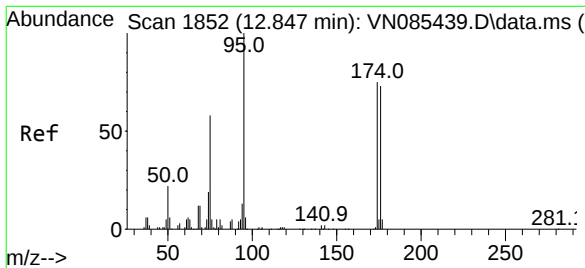
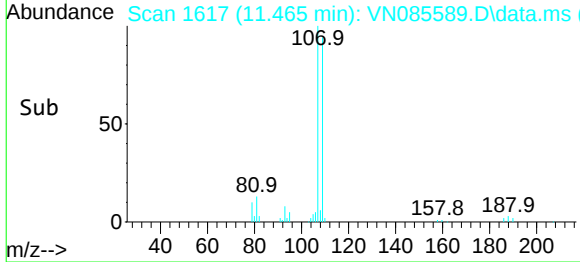
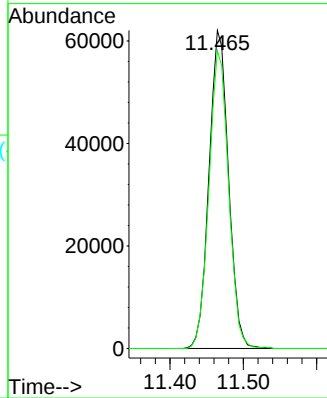
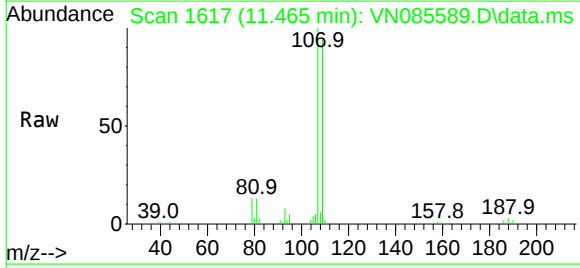
#61
1,2-Dibromoethane
Concen: 51.076 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 107 Resp: 114468
Ion Ratio Lower Upper
107 100
109 94.0 75.9 113.9

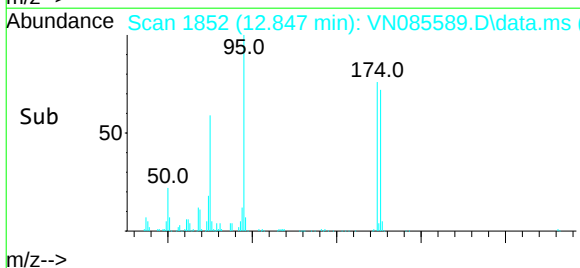
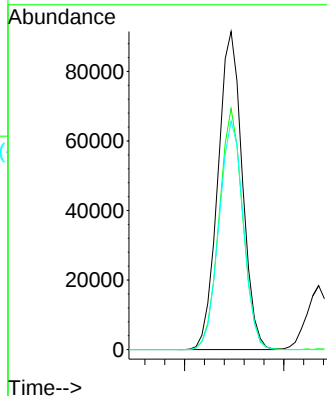
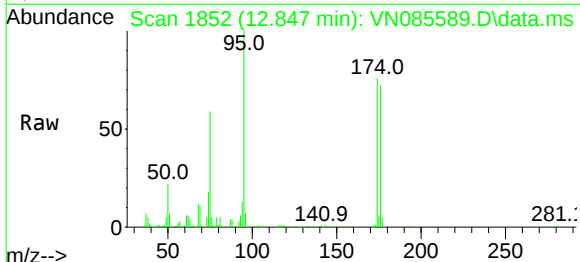
Manual Integrations
APPROVED

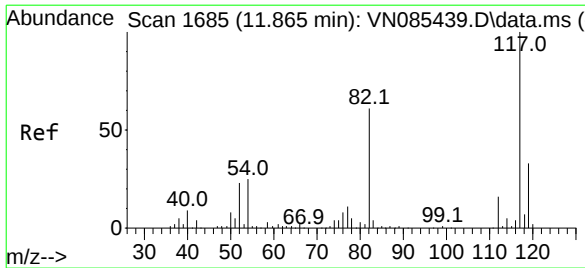
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#62
4-Bromofluorobenzene
Concen: 55.135 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion: 95 Resp: 156024
Ion Ratio Lower Upper
95 100
174 73.5 0.0 145.0
176 71.6 0.0 142.4





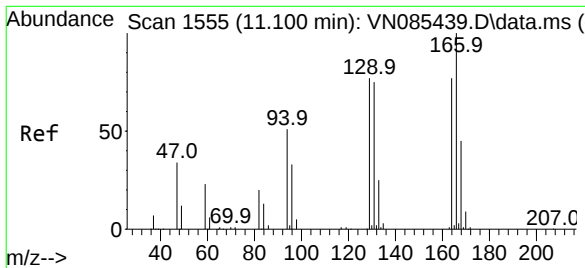
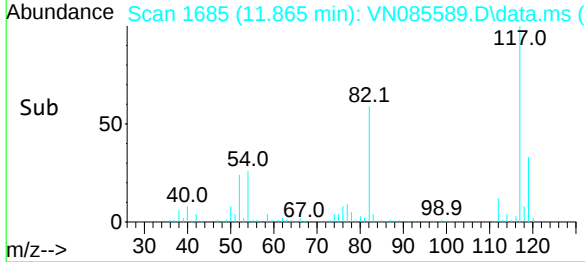
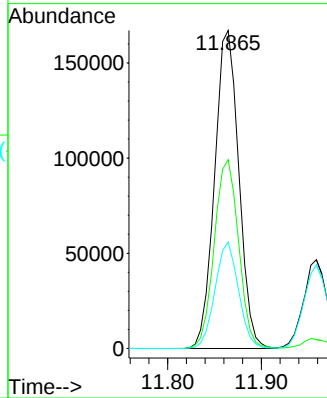
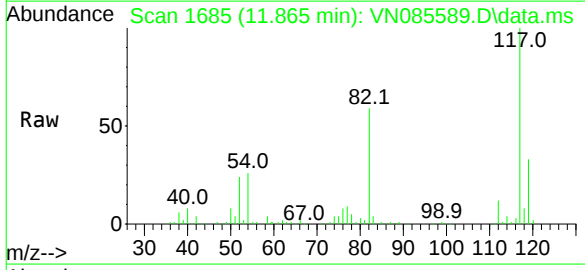
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117	Resp: 299857
Ion Ratio	Lower Upper
117 100	
82 59.4	48.6 72.8
119 33.5	26.6 39.8

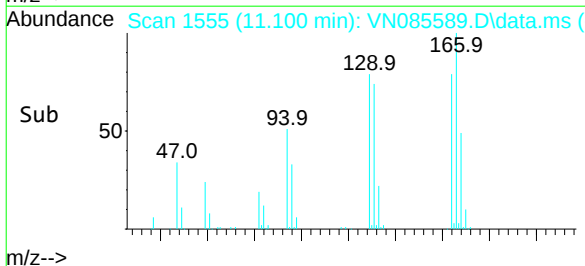
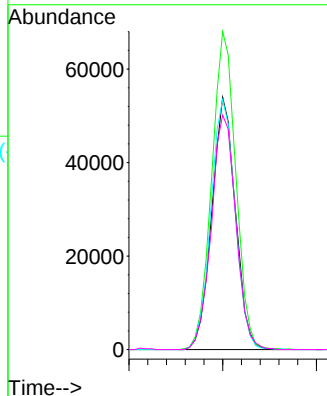
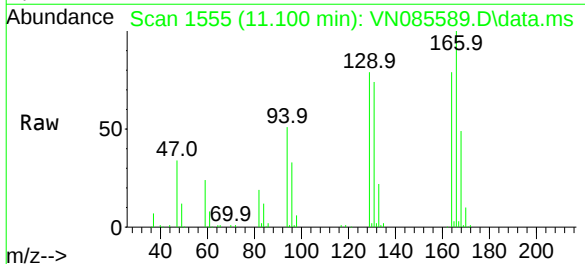
Manual Integrations
APPROVED

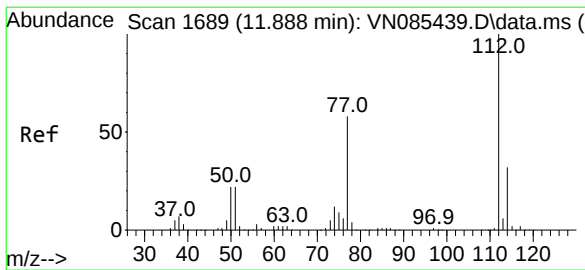
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#64
Tetrachloroethene
Concen: 46.147 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion:164	Resp: 94335
Ion Ratio	Lower Upper
164 100	
166 126.0	103.4 155.2
129 99.1	79.2 118.8
131 92.9	77.1 115.7





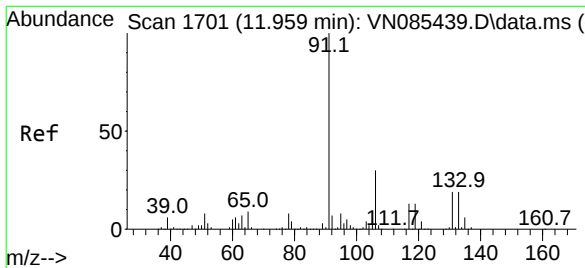
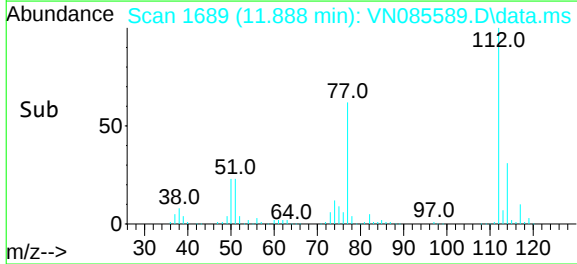
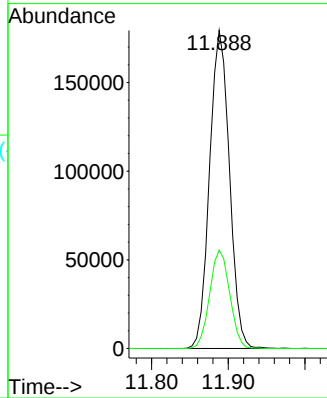
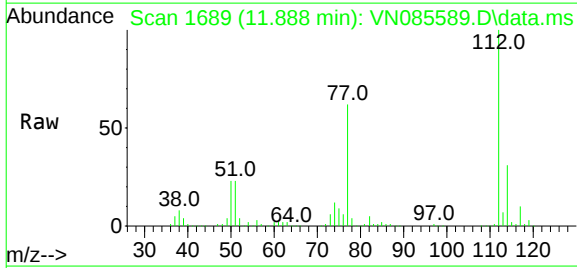
#65
Chlorobenzene
Concen: 49.111 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 322603
Ion Ratio Lower Upper
112 100
114 30.9 25.3 37.9

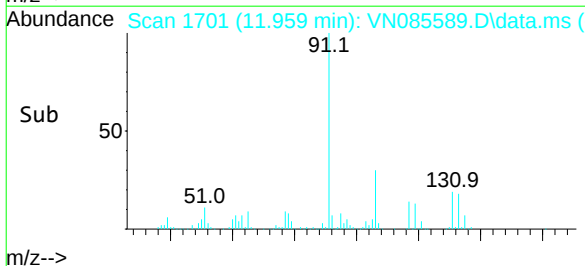
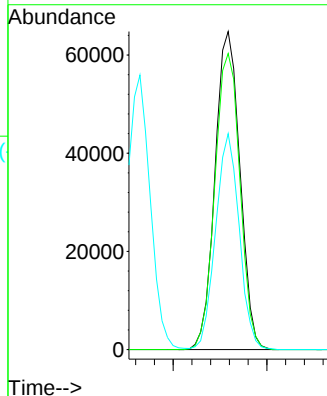
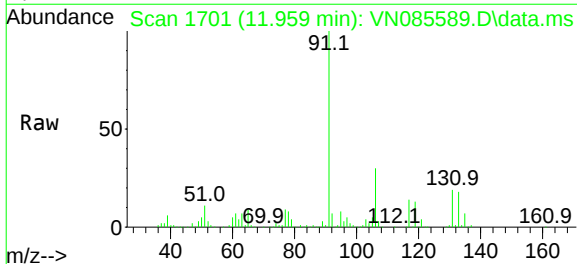
Manual Integrations
APPROVED

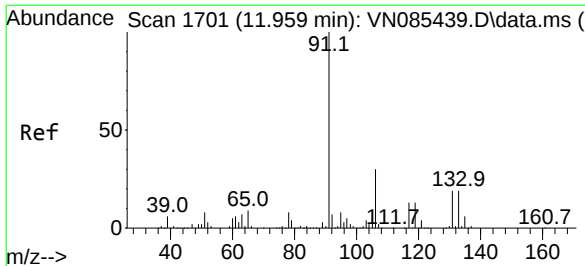
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 49.597 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

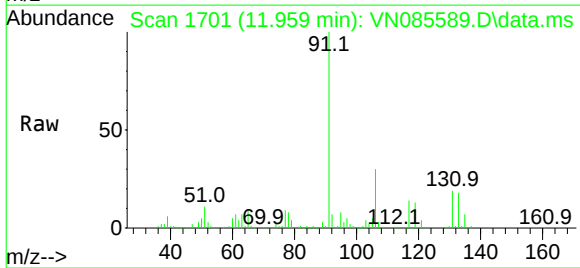
Tgt Ion:131 Resp: 119573
Ion Ratio Lower Upper
131 100
133 93.8 47.4 142.3
119 64.4 33.1 99.5





#67
Ethyl Benzene
Concen: 52.224 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

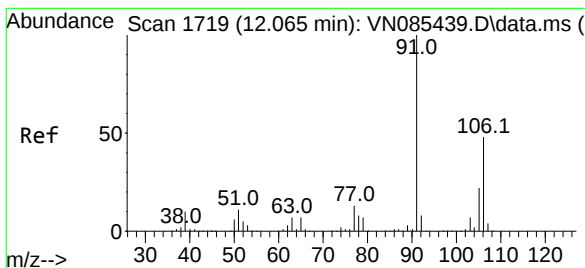
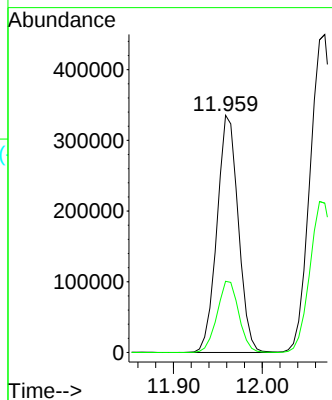
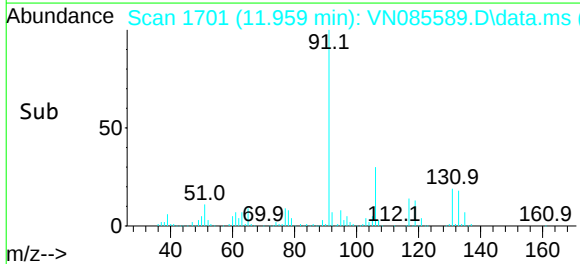
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 558745
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.8

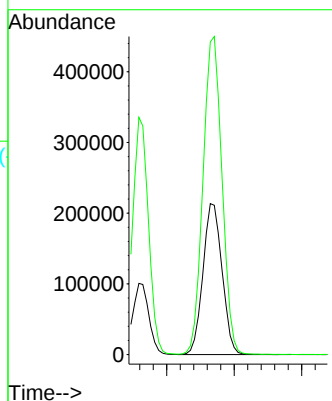
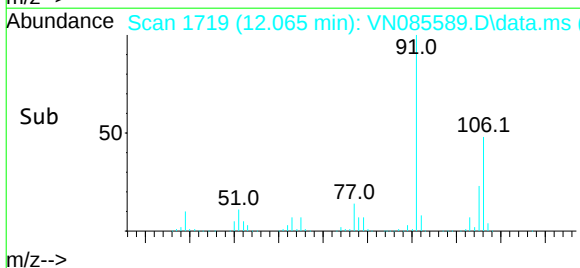
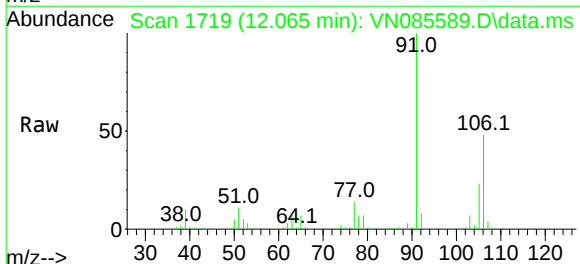
Manual Integrations
APPROVED

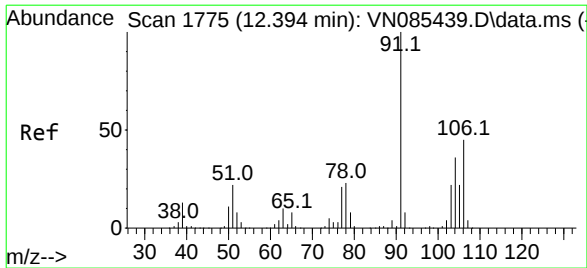
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#68
m/p-Xylenes
Concen: 106.156 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion:106 Resp: 419759
Ion Ratio Lower Upper
106 100
91 209.8 167.7 251.5





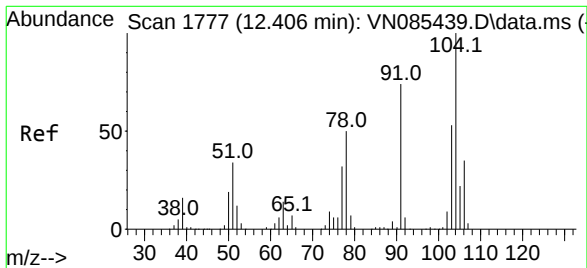
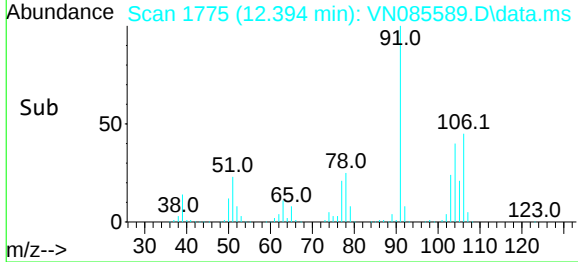
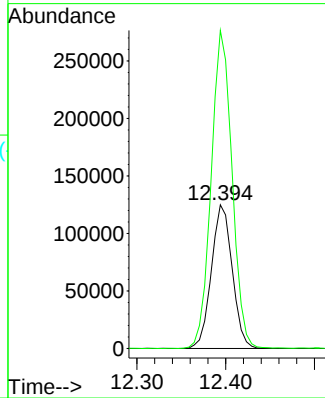
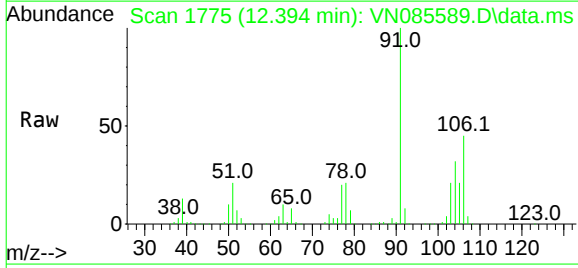
#69
o-Xylene
Concen: 53.912 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 203725
Ion Ratio Lower Upper
106 100
91 221.8 110.4 331.2

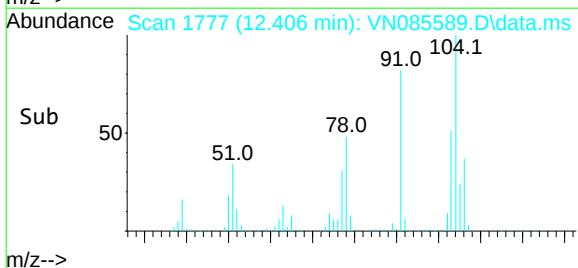
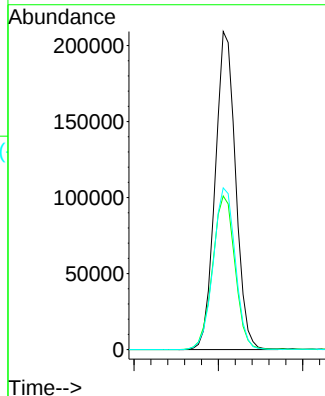
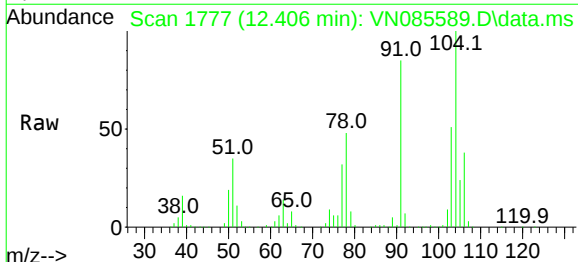
Manual Integrations
APPROVED

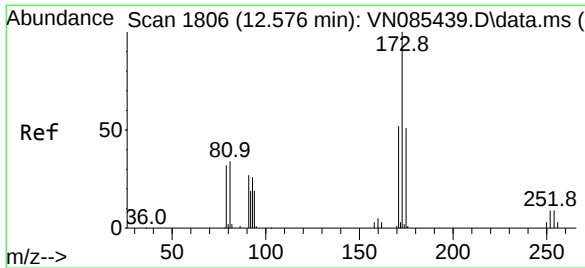
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#70
Styrene
Concen: 56.360 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion:104 Resp: 352471
Ion Ratio Lower Upper
104 100
78 52.8 42.5 63.7
103 54.9 43.8 65.8





#71

Bromoform

Concen: 54.197 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

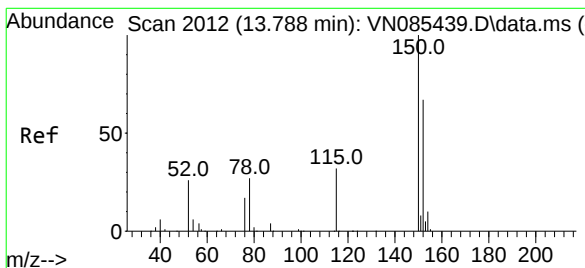
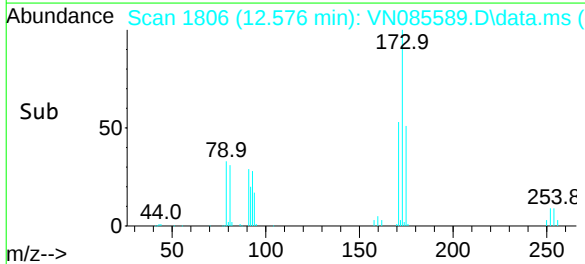
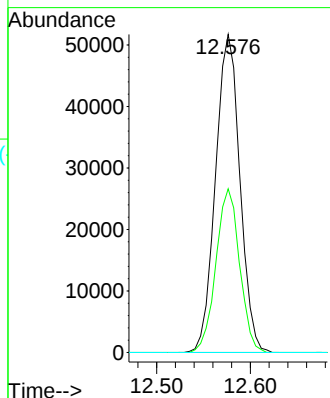
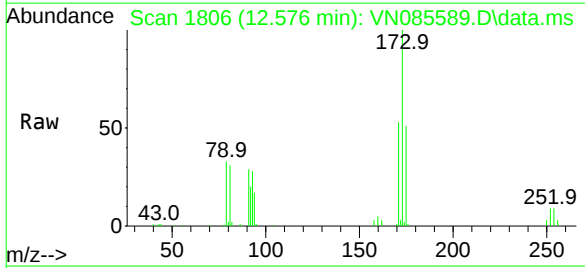
Tgt Ion:	173	Resp:	93492
Ion Ratio	Lower	Upper	
173	100		
175	49.9	24.4	73.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

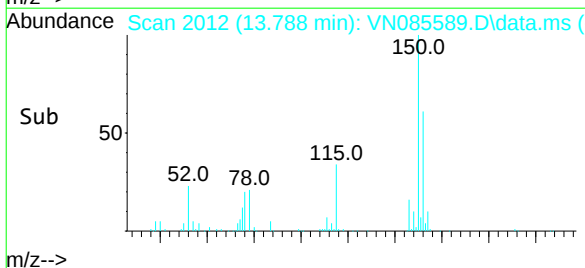
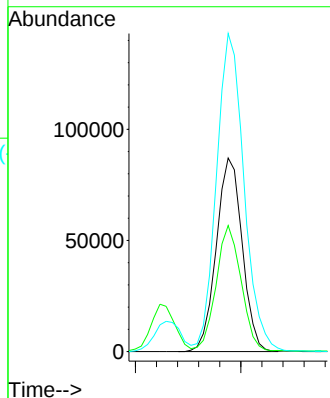
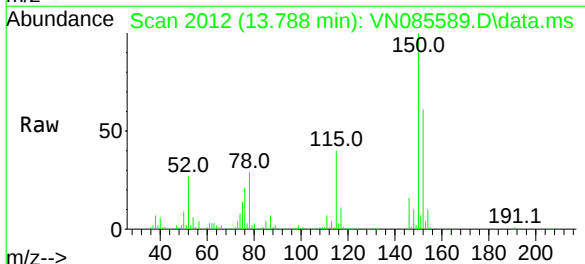
RT: 13.788 min Scan# 2012

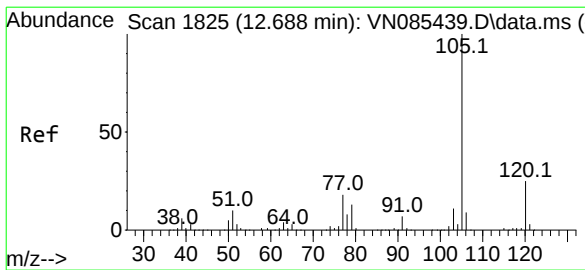
Delta R.T. -0.000 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

Tgt Ion:	152	Resp:	148704
Ion Ratio	Lower	Upper	
152	100		
115	62.9	31.1	93.3
150	175.1	0.0	343.6





#73

Isopropylbenzene

Concen: 52.104 ug/l

RT: 12.694 min Scan# 18

Delta R.T. 0.006 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 522932

Ion Ratio Lower Upper

105 100

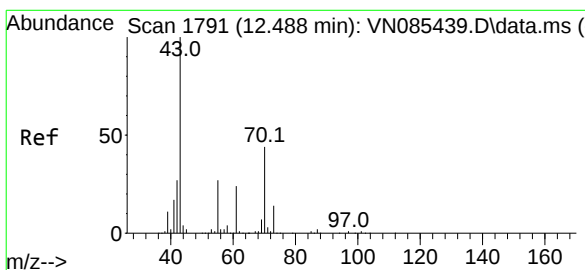
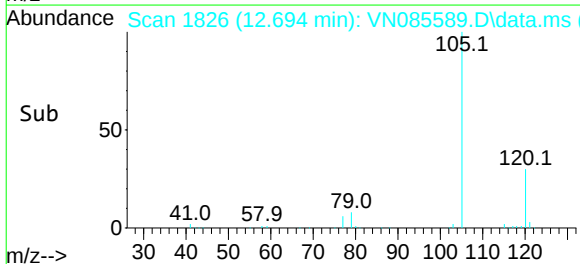
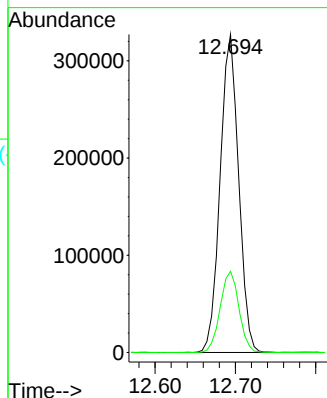
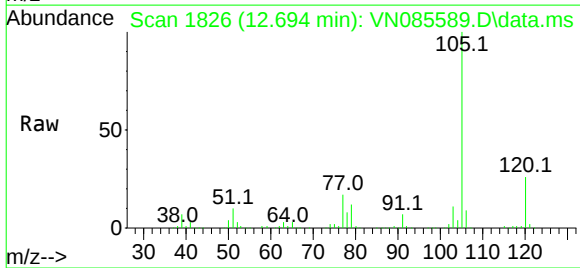
120 25.9 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#74

N-ethyl acetate

Concen: 54.507 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

Tgt Ion: 43 Resp: 245884

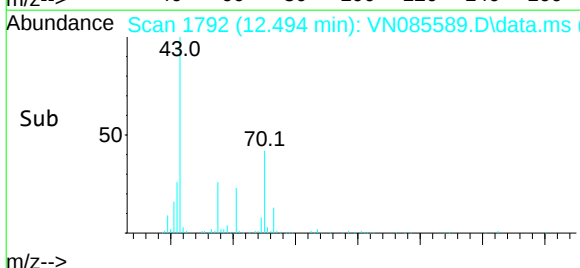
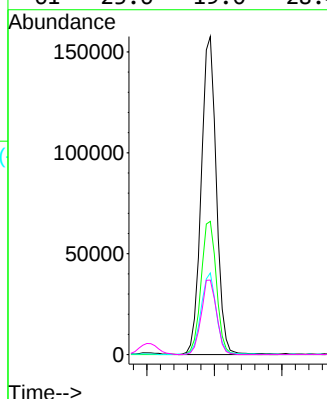
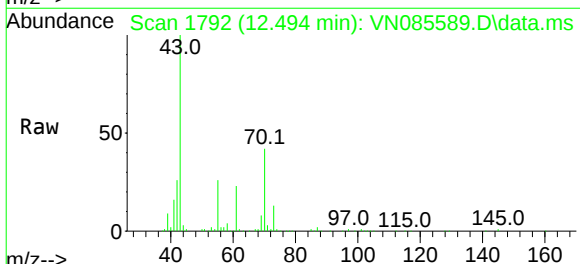
Ion Ratio Lower Upper

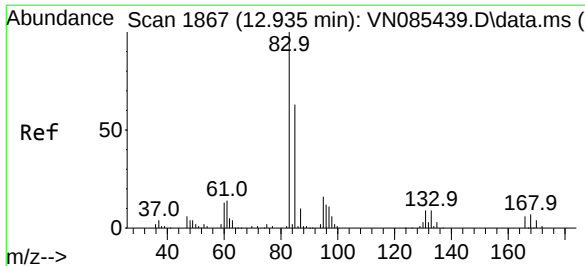
43 100

70 42.4 34.0 51.0

55 26.0 21.4 32.2

61 23.6 19.0 28.4





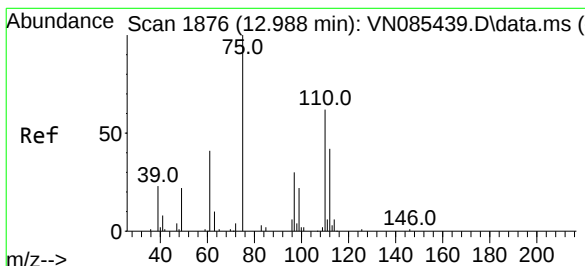
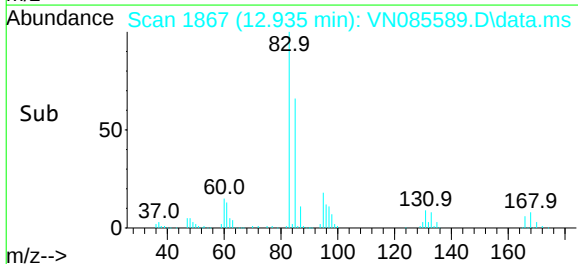
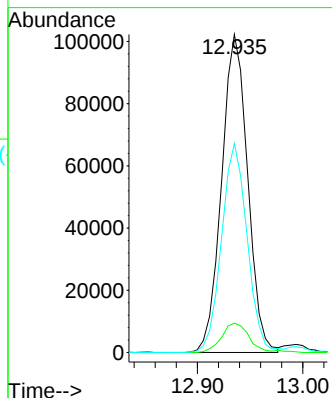
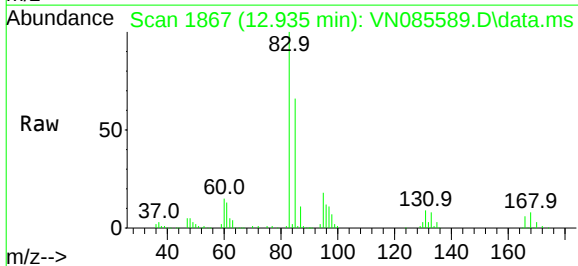
#75
1,1,2,2-Tetrachloroethane
Concen: 49.536 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.8	14.4
85	64.7	32.2	96.6

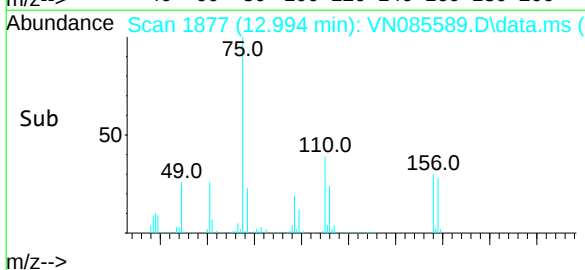
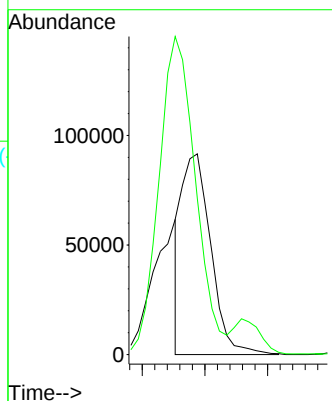
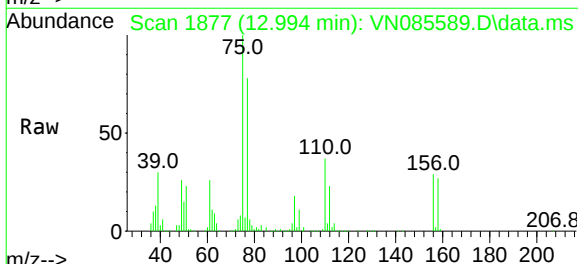
Manual Integrations
APPROVED

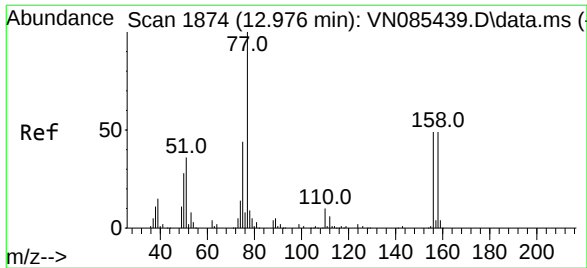
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#76
1,2,3-Trichloropropane
Concen: 48.878 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

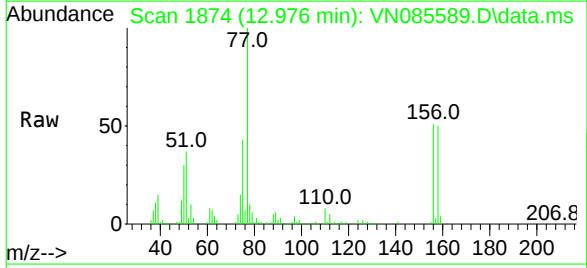
Tgt Ion	Ratio	Lower	Upper
75	100		
77	199.8	109.7	329.2





Bromobenzene
 Concen: 48.107 ug/l
 RT: 12.976 min Scan# 1874
 Delta R.T. -0.000 min
 Lab File: VN085589.D
 Acq: 30 Jan 2025 19:06

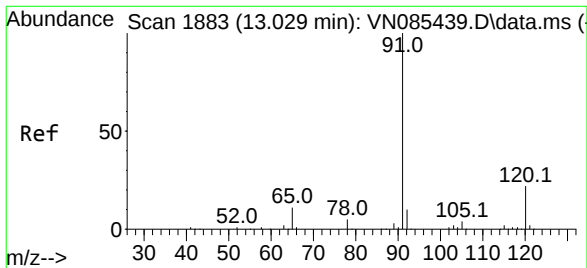
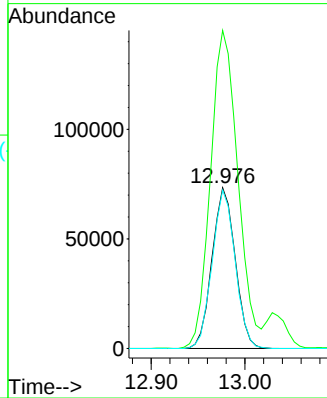
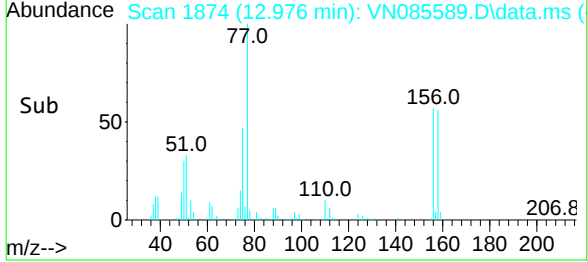
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 156 Resp: 126143
 Ion Ratio Lower Upper
 156 100
 77 234.0 114.1 342.4
 158 97.7 48.9 146.8

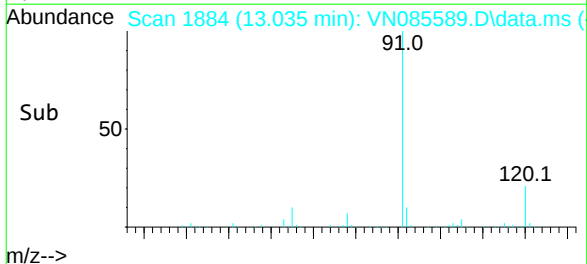
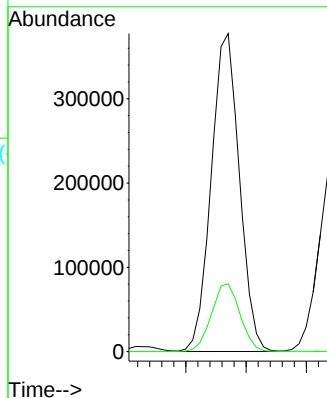
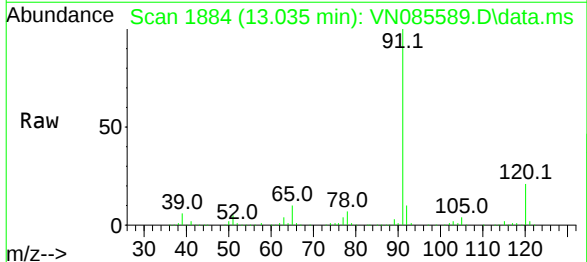
Manual Integrations
 APPROVED

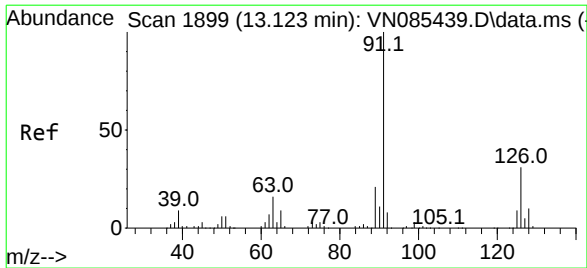
Reviewed By :John Carlone 01/31/2025
 Supervised By :Semsettin Yesilyurt 01/31/2025



n-propylbenzene
 Concen: 51.600 ug/l
 RT: 13.035 min Scan# 1884
 Delta R.T. 0.006 min
 Lab File: VN085589.D
 Acq: 30 Jan 2025 19:06

Tgt Ion: 91 Resp: 613075
 Ion Ratio Lower Upper
 91 100
 120 21.7 10.9 32.6





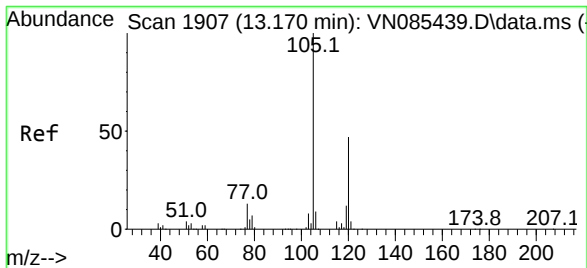
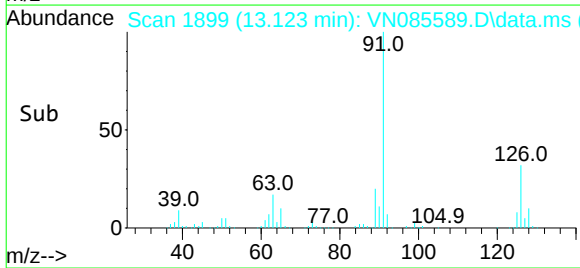
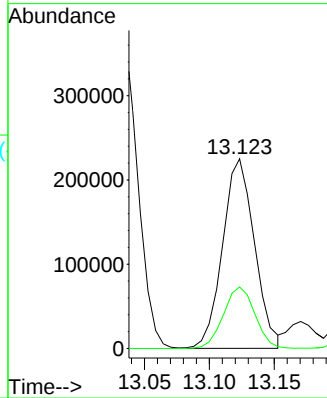
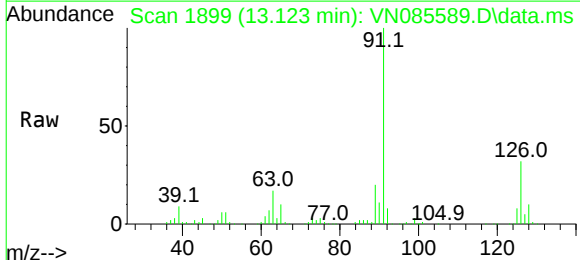
#79
2-Chlorotoluene
Concen: 50.064 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 384964
Ion Ratio Lower Upper
91 100
126 32.0 15.7 47.1

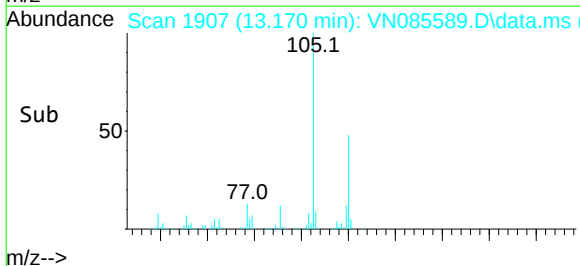
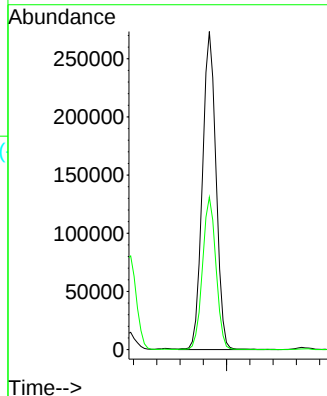
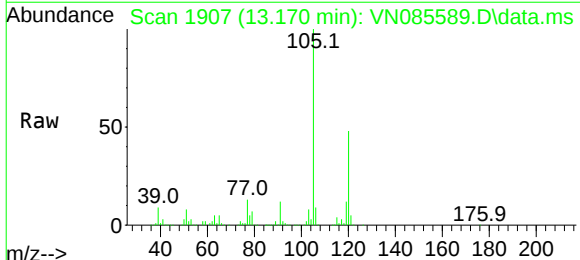
Manual Integrations
APPROVED

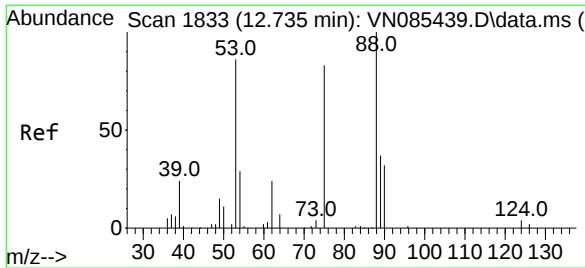
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.624 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

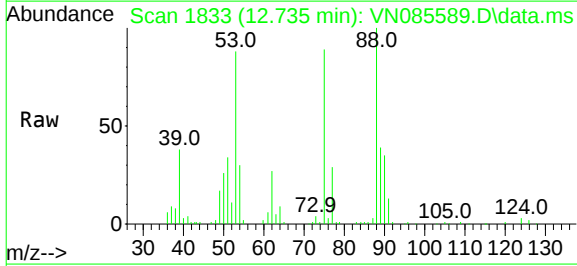
Tgt Ion:105 Resp: 444548
Ion Ratio Lower Upper
105 100
120 47.4 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 54.771 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

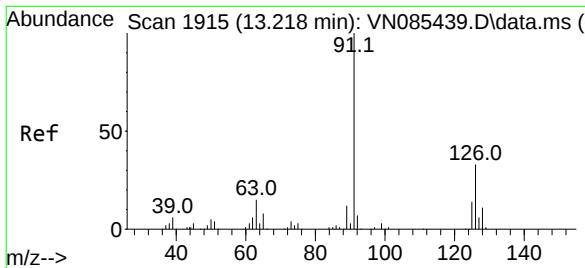
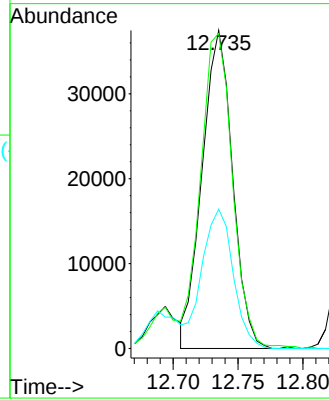
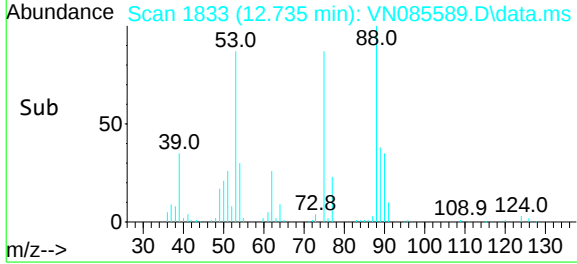
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 61186
Ion Ratio Lower Upper
75 100
53 103.9 95.6 143.4
89 45.5 37.0 55.6

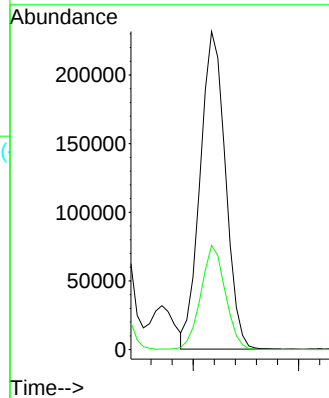
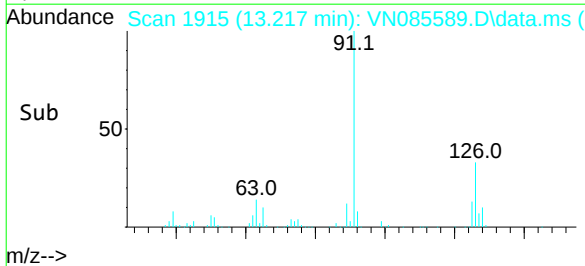
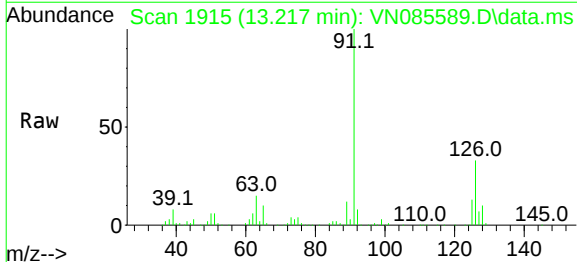
Manual Integrations
APPROVED

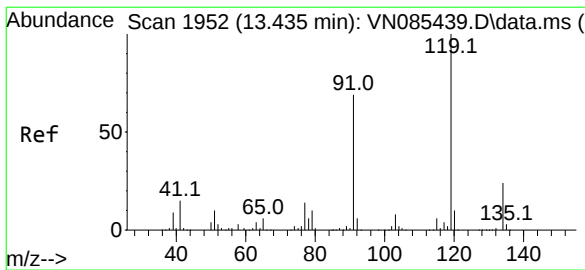
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#82
4-Chlorotoluene
Concen: 50.271 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion: 91 Resp: 384892
Ion Ratio Lower Upper
91 100
126 31.8 15.9 47.7





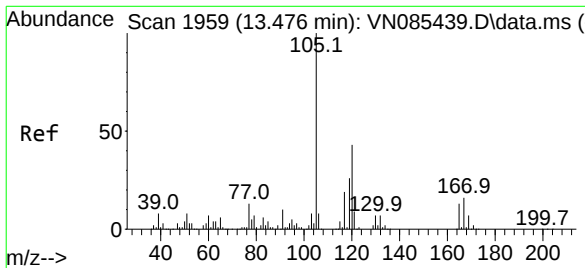
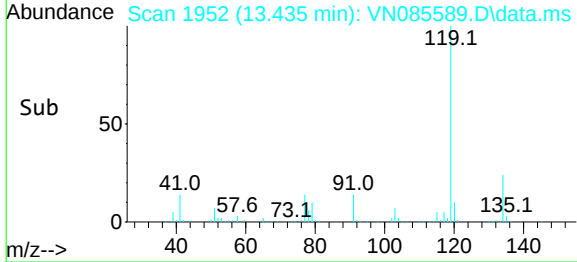
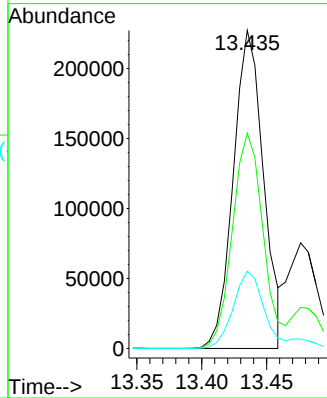
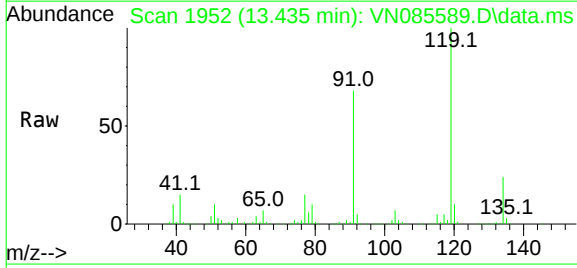
#83
tert-Butylbenzene
Concen: 52.829 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 367782
Ion Ratio Lower Upper
119 100
91 69.0 35.1 105.3
134 24.5 12.0 36.1

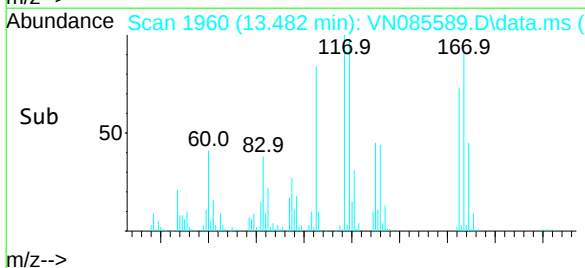
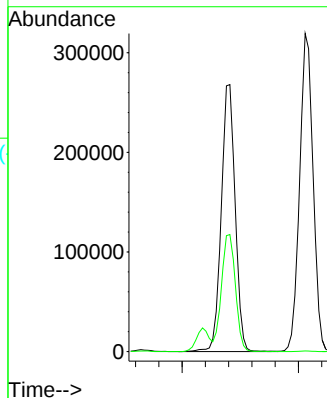
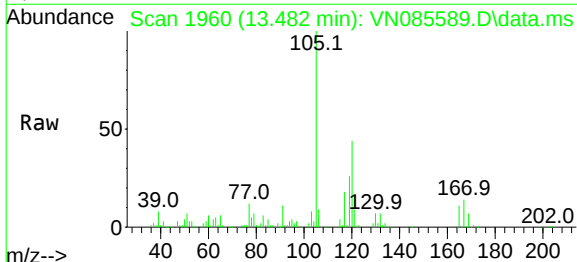
Manual Integrations
APPROVED

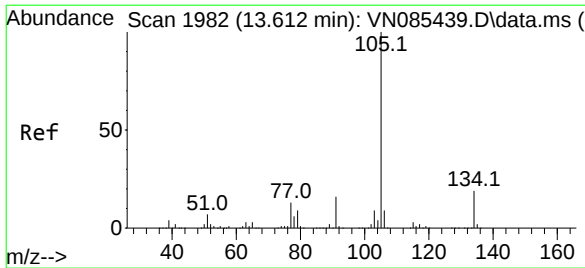
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#84
1,2,4-Trimethylbenzene
Concen: 53.867 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Tgt Ion:105 Resp: 445077
Ion Ratio Lower Upper
105 100
120 43.7 21.6 65.0





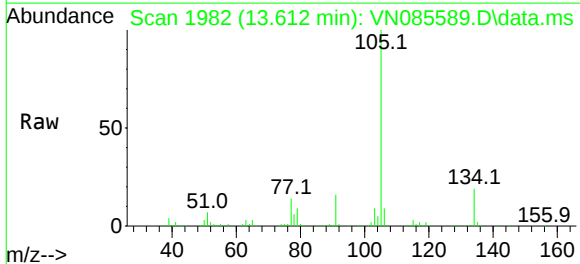
#85
sec-Butylbenzene
Concen: 52.984 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050EC



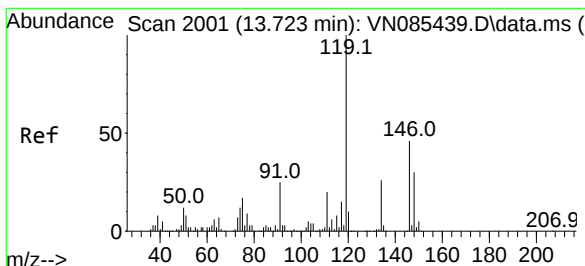
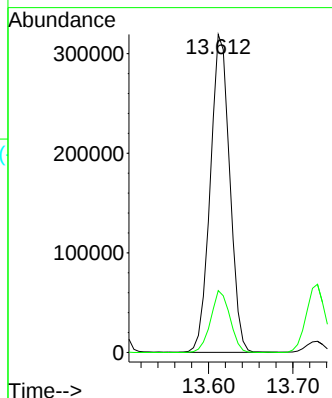
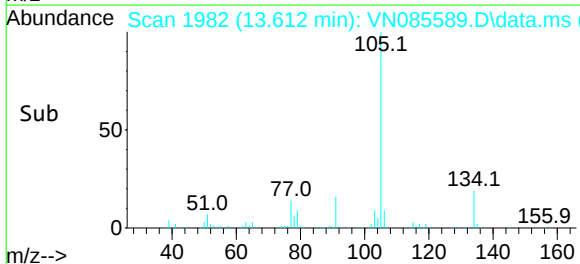
Tgt Ion:105 Resp: 511233
Ion Ratio Lower Upper
105 100
134 19.2 9.7 28.9

Manual Integrations

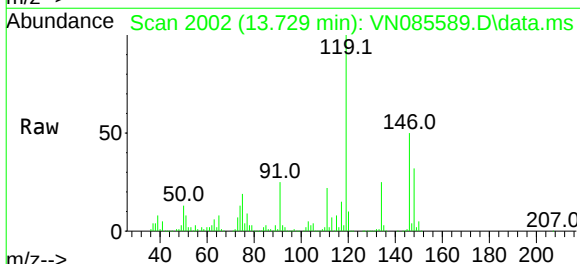
APPROVED

Reviewed By :John Carlone 01/31/2025

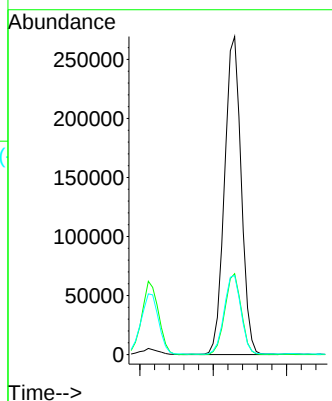
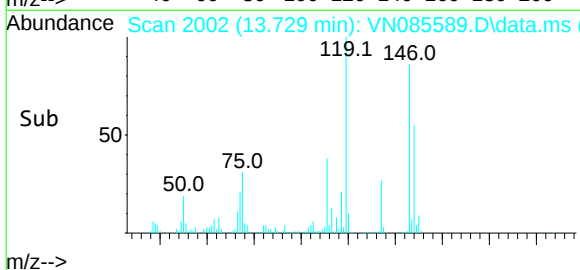
Supervised By :Semsettin Yesilyurt 01/31/2025

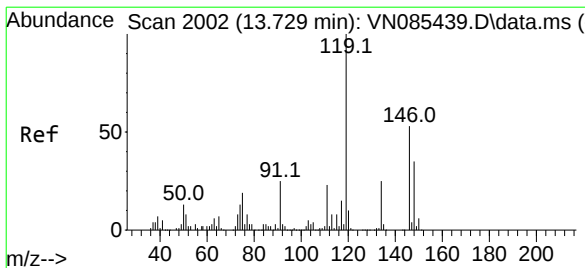


#86
p-Isopropyltoluene
Concen: 49.070 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06



Tgt Ion:119 Resp: 425364
Ion Ratio Lower Upper
119 100
134 25.0 12.7 38.0
91 25.1 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 47.888 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

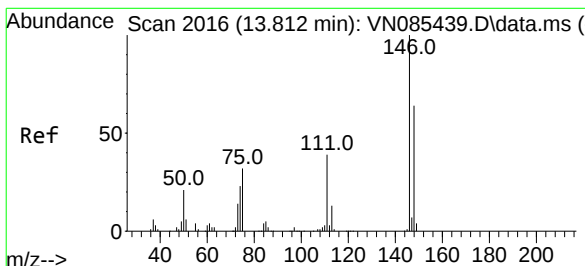
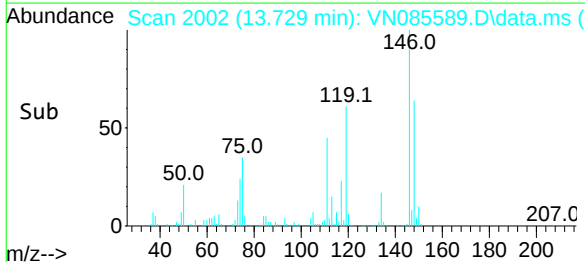
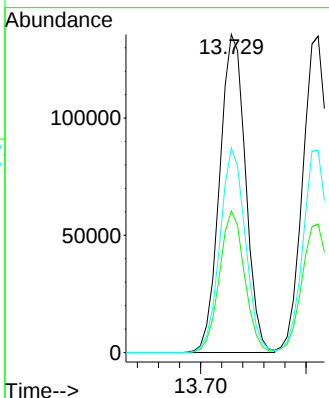
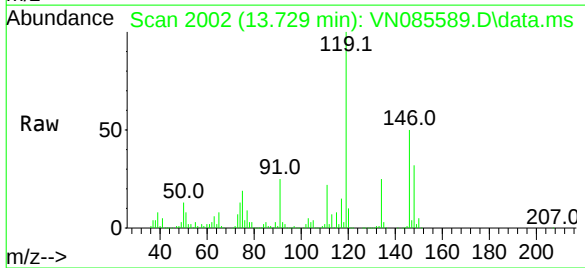
Tgt Ion:	146	Resp:	231245
Ion Ratio	Lower	Upper	
146	100		
111	43.2	21.4	64.3
148	63.3	32.3	96.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#88

1,4-Dichlorobenzene

Concen: 46.314 ug/l

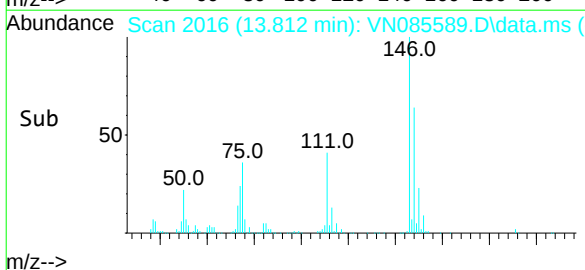
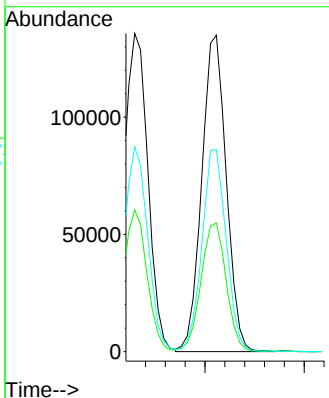
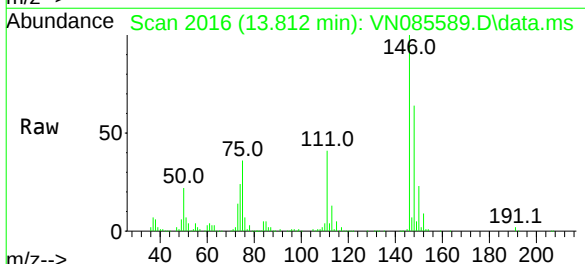
RT: 13.812 min Scan# 2016

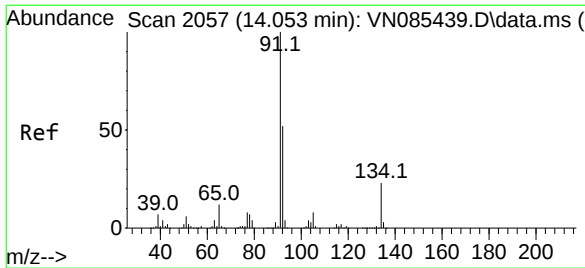
Delta R.T. -0.000 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

Tgt Ion:	146	Resp:	231814
Ion Ratio	Lower	Upper	
146	100		
111	41.9	21.3	63.7
148	63.2	32.4	97.0





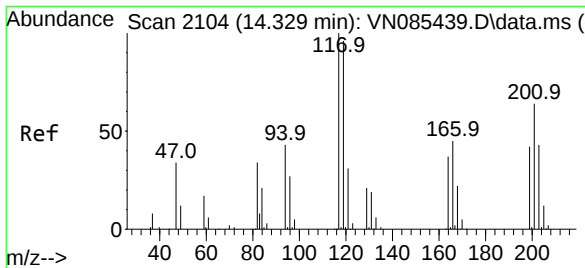
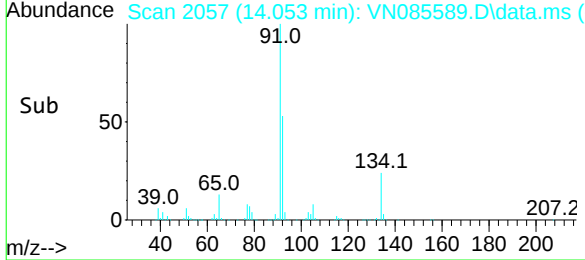
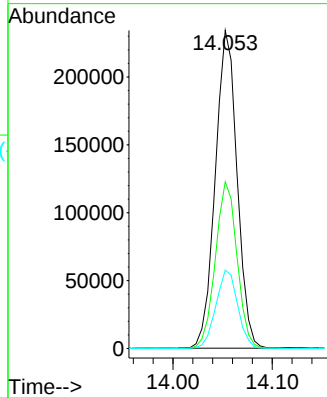
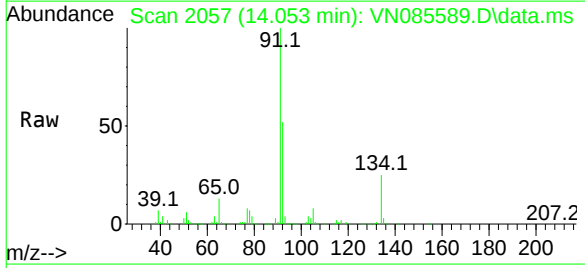
#89
n-Butylbenzene
Concen: 51.554 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 356866
Ion Ratio Lower Upper
91 100
92 52.2 25.8 77.3
134 24.8 11.7 35.1

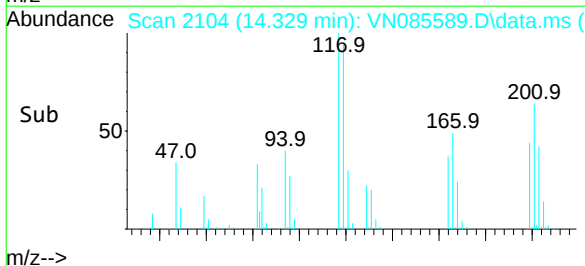
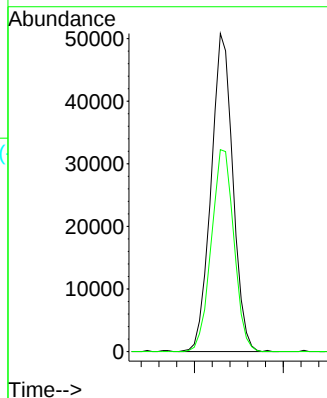
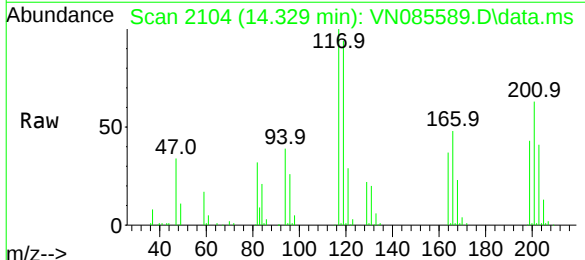
Manual Integrations
APPROVED

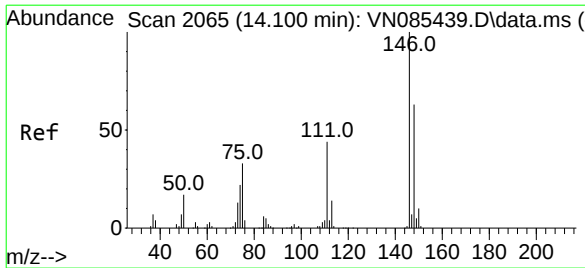
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#90
Hexachloroethane
Concen: 47.180 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

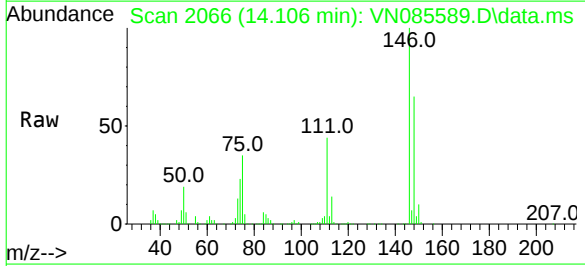
Tgt Ion:117 Resp: 86662
Ion Ratio Lower Upper
117 100
201 65.7 33.7 101.0





#91
1,2-Dichlorobenzene
Concen: 47.781 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06

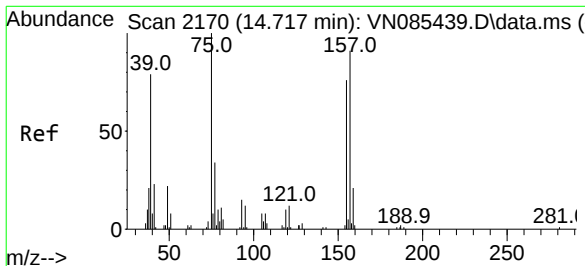
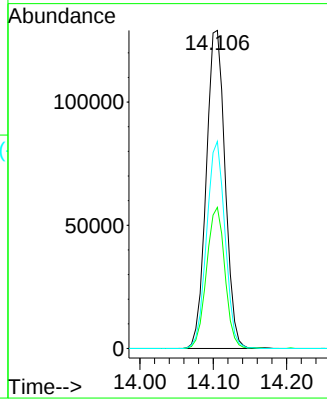
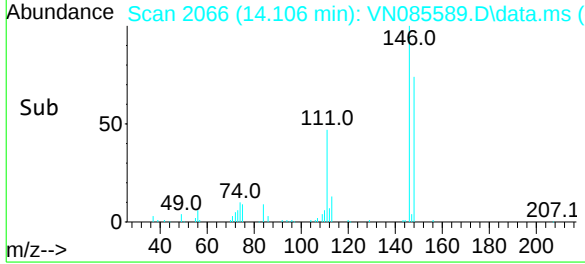
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



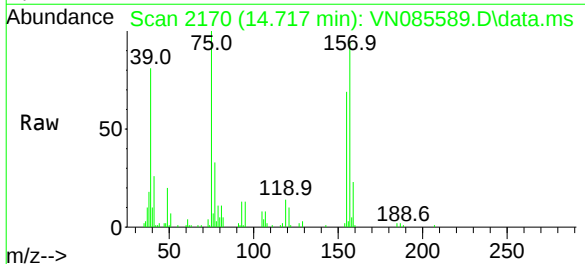
Tgt Ion:146 Resp: 230150
Ion Ratio Lower Upper
146 100
111 43.4 21.7 65.1
148 63.5 31.4 94.2

Manual Integrations
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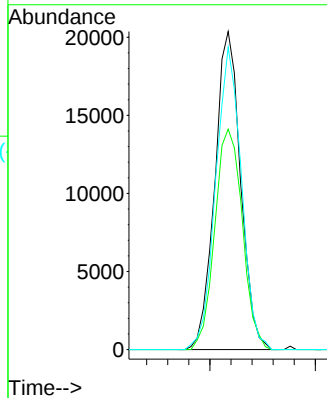
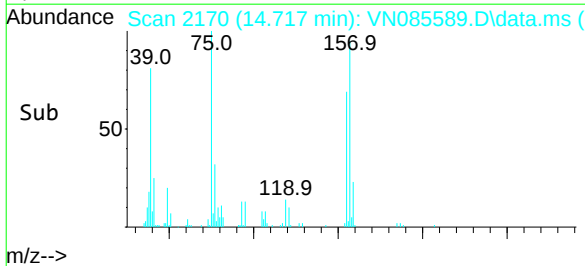
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025

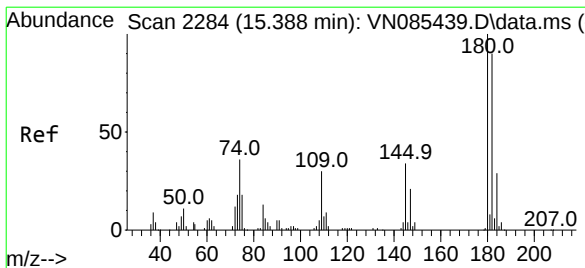


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.352 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085589.D
Acq: 30 Jan 2025 19:06



Tgt Ion: 75 Resp: 34539
Ion Ratio Lower Upper
75 100
155 74.1 36.4 109.2
157 94.6 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 49.955 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

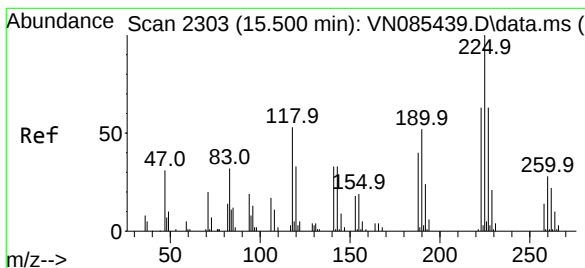
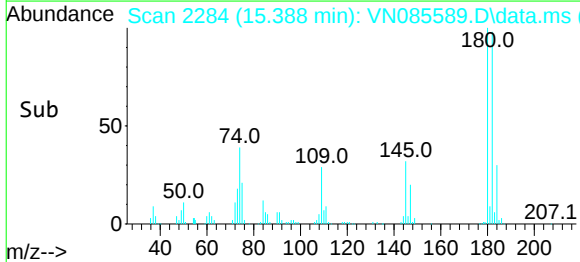
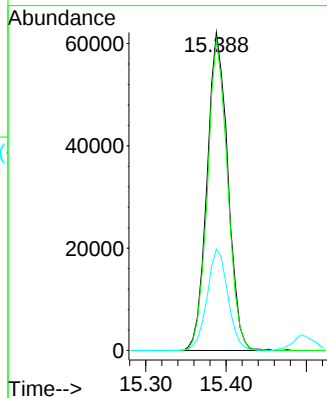
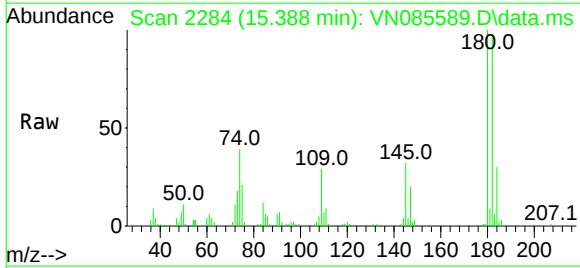
Tgt Ion:	180	Resp:	111833
Ion Ratio	Lower	Upper	
180	100		
182	94.3	46.8	140.3
145	32.0	16.0	48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#94

Hexachlorobutadiene

Concen: 43.524 ug/l

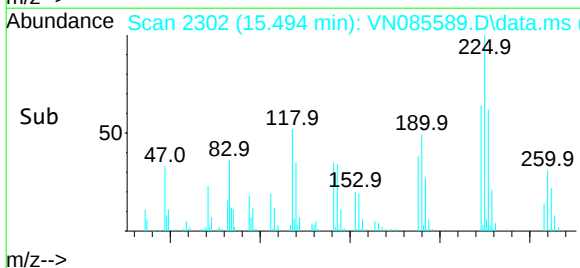
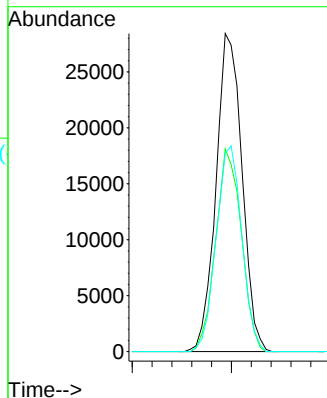
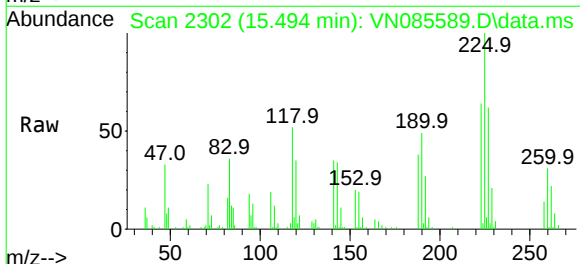
RT: 15.494 min Scan# 2302

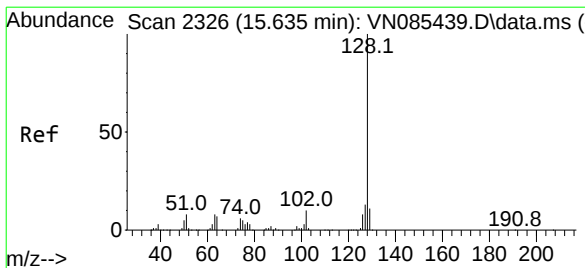
Delta R.T. -0.006 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

Tgt Ion:	225	Resp:	51730
Ion Ratio	Lower	Upper	
225	100		
223	62.8	30.7	92.1
227	63.8	30.9	92.5





#95

Naphthalene

Concen: 54.350 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.000 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

Instrument :

MSVOA_N

ClientSampleId :

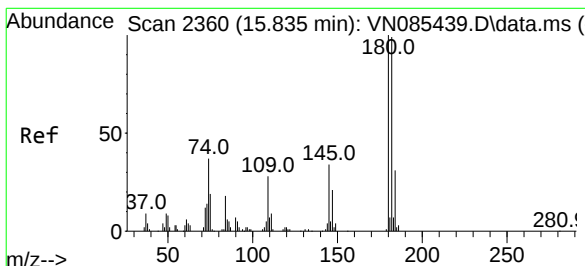
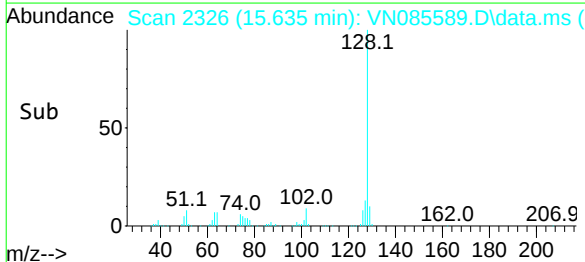
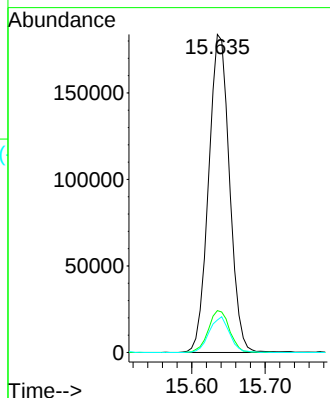
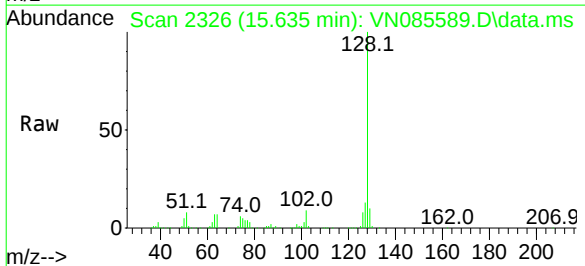
VSTDCCC050EC

Tgt Ion:	128	Resp:	363079
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	16.0
129	11.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#96

1,2,3-Trichlorobenzene

Concen: 48.527 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085589.D

Acq: 30 Jan 2025 19:06

Tgt Ion:	180	Resp:	109924
Ion Ratio	Lower	Upper	
180	100		
182	97.1	47.4	142.2
145	35.4	16.9	50.7

