

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012825\
 Data File : VN085546.D
 Acq On : 28 Jan 2025 18:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 29 03:39:00 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/29/2025
 Supervised By : Semsettin Yesilyurt 01/29/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	187799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	314055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143565	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	165633	54.638	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.280%
35) Dibromofluoromethane	8.165	113	120592	55.349	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.700%
50) Toluene-d8	10.565	98	438659	56.666	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	113.340%#
62) 4-Bromofluorobenzene	12.847	95	157860	59.614	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	119.220%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	109169	42.934	ug/l	94
3) Chloromethane	2.359	50	113732	41.310	ug/l	100
4) Vinyl Chloride	2.512	62	120445	43.525	ug/l	98
5) Bromomethane	2.936	94	67919	40.633	ug/l	97
6) Chloroethane	3.106	64	80051	45.629	ug/l	97
7) Trichlorofluoromethane	3.495	101	194108	48.343	ug/l	98
8) Diethyl Ether	3.959	74	65944	47.541	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	110829	49.006	ug/l	99
10) Methyl Iodide	4.589	142	128917	49.778	ug/l	98
11) Tert butyl alcohol	5.518	59	122061	351.637	ug/l	99
12) 1,1-Dichloroethene	4.336	96	98130	48.687	ug/l	97
13) Acrolein	4.177	56	129555	273.407	ug/l	100
14) Allyl chloride	5.024	41	155852	47.653	ug/l	98
15) Acrylonitrile	5.712	53	310806	281.891	ug/l	98
16) Acetone	4.424	43	267295	272.891	ug/l	99
17) Carbon Disulfide	4.712	76	245541	39.567	ug/l	99
18) Methyl Acetate	5.018	43	178998	60.097	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	358554	54.787	ug/l	99
20) Methylene Chloride	5.271	84	119628	49.335	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	103142	47.884	ug/l	97
22) Diisopropyl ether	6.671	45	392245	54.034	ug/l	99
23) Vinyl Acetate	6.600	43	1454703	286.348	ug/l	98
24) 1,1-Dichloroethane	6.565	63	222797	50.334	ug/l	98
25) 2-Butanone	7.482	43	423099	293.531	ug/l	99
26) 2,2-Dichloropropane	7.488	77	189076	52.834	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	130214	51.325	ug/l	99
28) Bromochloromethane	7.812	49	89552	43.487	ug/l	98
29) Tetrahydrofuran	7.835	42	275635	301.616	ug/l	100
30) Chloroform	7.965	83	232517	50.826	ug/l	99
31) Cyclohexane	8.253	56	166703	43.331	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	202362	50.429	ug/l	98
36) 1,1-Dichloropropene	8.371	75	152437	49.851	ug/l	99
37) Ethyl Acetate	7.559	43	171657	55.616	ug/l	98
38) Carbon Tetrachloride	8.359	117	179826	51.368	ug/l	98
39) Methylcyclohexane	9.600	83	143759	50.030	ug/l	98
40) Benzene	8.606	78	470586	51.218	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	97709	60.848	ug/l	97
42) 1,2-Dichloroethane	8.671	62	179469	51.863	ug/l	100
43) Isopropyl Acetate	8.688	43	345380	69.836	ug/l #	91
44) Trichloroethene	9.347	130	106986	50.023	ug/l	97
45) 1,2-Dichloropropane	9.618	63	122928	52.380	ug/l	98
46) Dibromomethane	9.706	93	87054	51.408	ug/l	98
47) Bromodichloromethane	9.888	83	188980	54.778	ug/l	97
48) Methyl methacrylate	9.676	41	134702	60.523	ug/l	98
49) 1,4-Dioxane	9.694	88	46510	1240.952	ug/l #	92
51) 4-Methyl-2-Pentanone	10.441	43	906426	315.843	ug/l	100
52) Toluene	10.629	92	289726	54.423	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	182074	55.846	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	188960	54.260	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	115272	54.714	ug/l	98
56) Ethyl methacrylate	10.871	69	183142	51.541	ug/l	98
57) 1,3-Dichloropropane	11.159	76	203386	55.519	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	389176	291.087	ug/l	100
59) 2-Hexanone	11.194	43	659035	326.364	ug/l	99
60) Dibromochloromethane	11.359	129	139526	54.855	ug/l	98
61) 1,2-Dibromoethane	11.470	107	112753	53.765	ug/l	99
64) Tetrachloroethene	11.100	164	88612	45.330	ug/l	99
65) Chlorobenzene	11.888	112	315889	50.289	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	117993	51.180	ug/l	98
67) Ethyl Benzene	11.965	91	555215	54.268	ug/l	99
68) m/p-Xylenes	12.070	106	423444	111.987	ug/l	99
69) o-Xylene	12.394	106	199877	55.313	ug/l	99
70) Styrene	12.412	104	347052	58.032	ug/l	100
71) Bromoform	12.576	173	92343	55.980	ug/l #	99
73) Isopropylbenzene	12.694	105	518634	53.526	ug/l	99
74) N-amyl acetate	12.494	43	244112	56.051	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	176292	51.507	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	145886m	49.995	ug/l	
77) Bromobenzene	12.976	156	127032	50.181	ug/l	100
78) n-propylbenzene	13.035	91	616293	53.728	ug/l	99
79) 2-Chlorotoluene	13.123	91	384370	51.776	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	432662	54.059	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	61346	56.880	ug/l	90
82) 4-Chlorotoluene	13.217	91	383756	51.917	ug/l	99
83) tert-Butylbenzene	13.435	119	354690	52.772	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	443501	55.598	ug/l	99
85) sec-Butylbenzene	13.617	105	504931	54.205	ug/l	100
86) p-Isopropyltoluene	13.729	119	422476	50.325	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	233419	50.068	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	229722	47.539	ug/l	100
89) n-Butylbenzene	14.053	91	351230	52.557	ug/l	99
90) Hexachloroethane	14.329	117	86748	48.917	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	228524	49.142	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	34650	55.439	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	108928	50.399	ug/l	99
94) Hexachlorobutadiene	15.500	225	49834	43.430	ug/l	95
95) Naphthalene	15.641	128	342729	53.141	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	107618	49.210	ug/l	99

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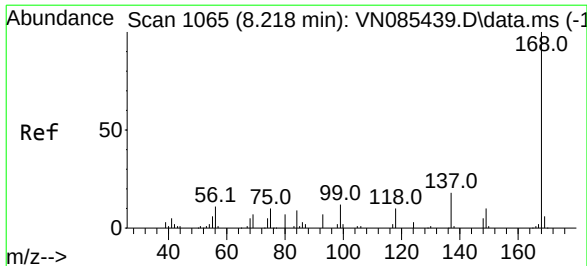
Manual Integrations
APPROVED

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

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



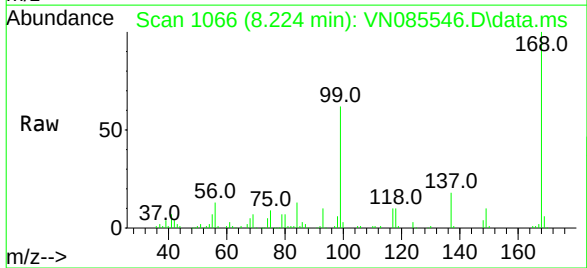
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085546.D
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ClientSampleId :

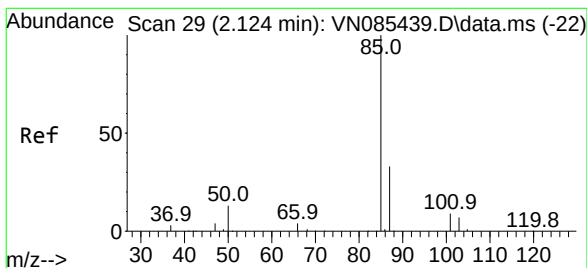
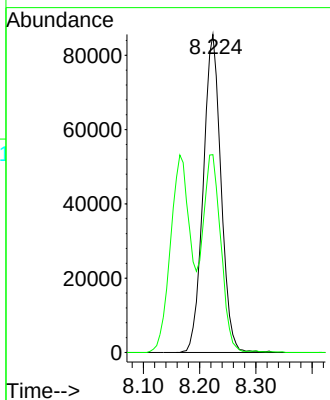
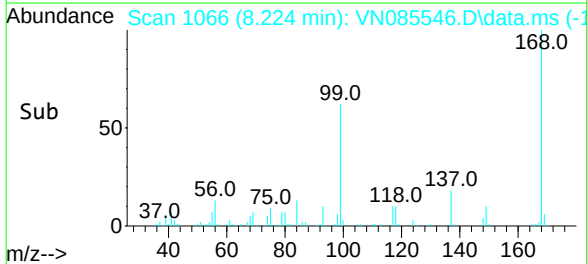
VSTDCCC050EC



Tgt Ion:168 Resp: 187799
Ion Ratio Lower Upper
168 100
99 62.0 53.6 80.4

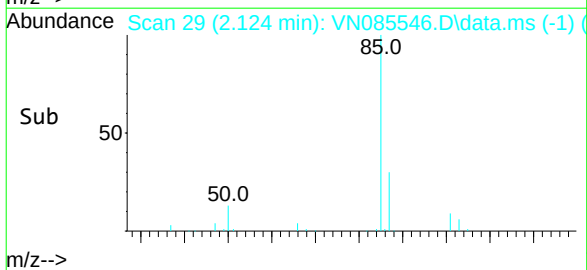
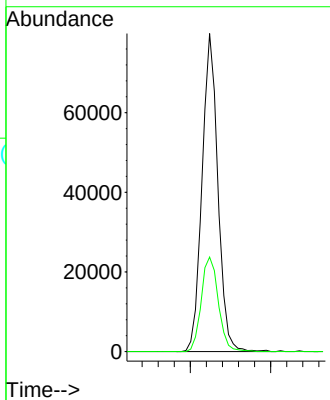
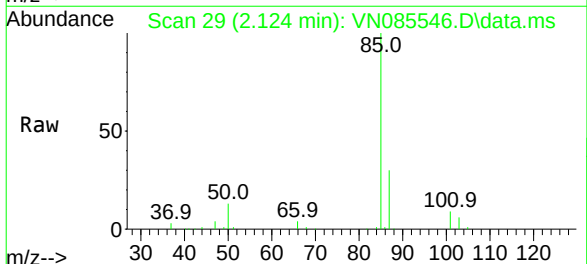
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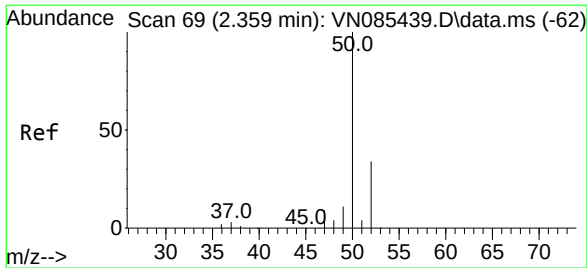
Reviewed By :John Carlone 01/29/2025
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#2
Dichlorodifluoromethane
Concen: 42.934 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

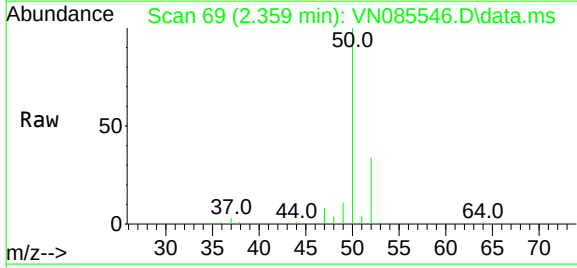
Tgt Ion: 85 Resp: 109169
Ion Ratio Lower Upper
85 100
87 29.7 16.7 50.1





#3
Chloromethane
Concen: 41.310 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

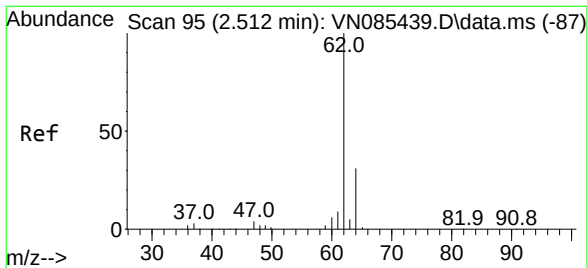
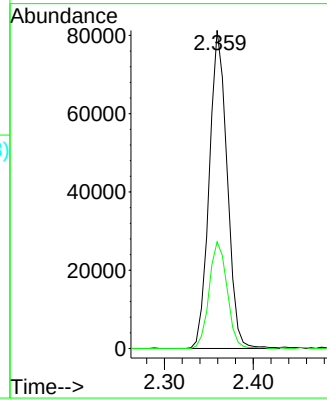
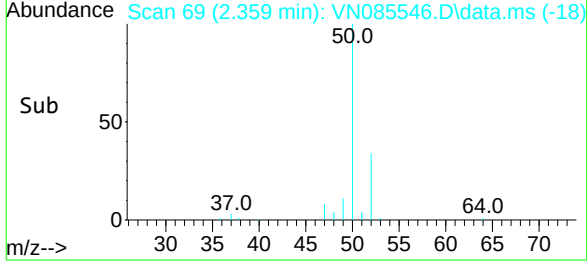
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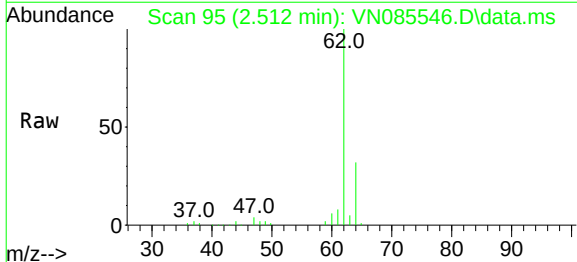
Tgt Ion: 50 Resp: 113732
Ion Ratio Lower Upper
50 100
52 33.6 27.0 40.6

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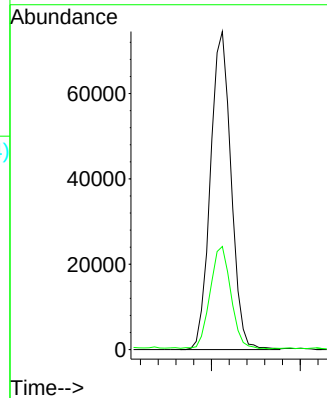
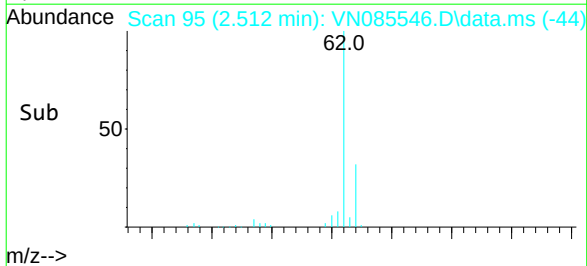
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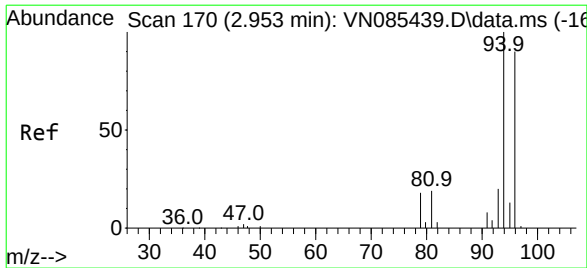


#4
Vinyl Chloride
Concen: 43.525 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085546.D
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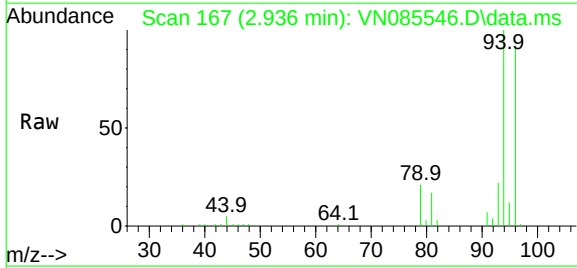
Tgt Ion: 62 Resp: 120445
Ion Ratio Lower Upper
62 100
64 32.0 24.8 37.2





#5
Bromomethane
Concen: 40.633 ug/l
RT: 2.936 min Scan# 16
Delta R.T. -0.018 min
Lab File: VN085546.D
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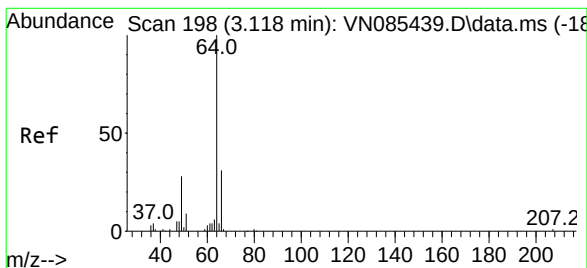
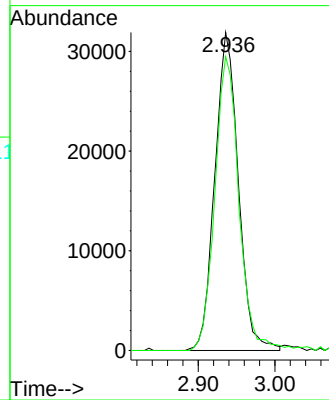
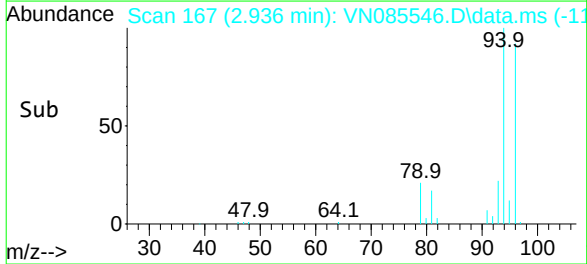
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Tgt Ion: 94 Resp: 67919
Ion Ratio Lower Upper
94 100
96 92.4 71.8 107.6

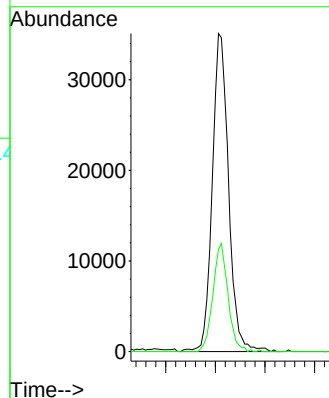
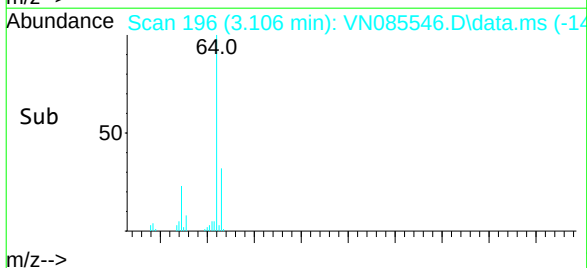
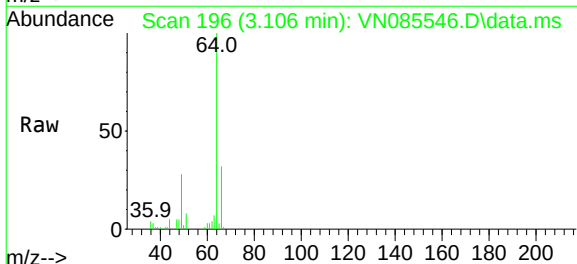
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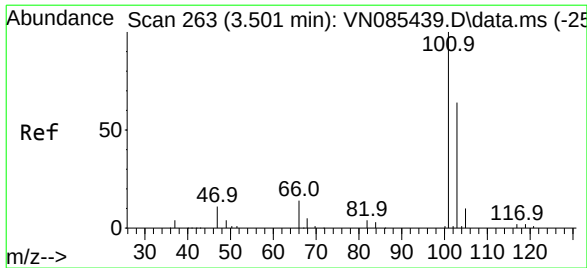
Reviewed By :John Carlone 01/29/2025
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#6
Chloroethane
Concen: 45.629 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Tgt Ion: 64 Resp: 80051
Ion Ratio Lower Upper
64 100
66 32.1 24.6 36.8





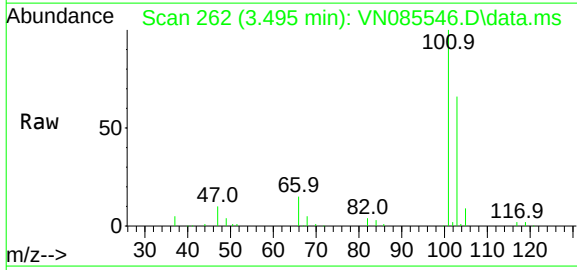
#7
 Trichlorofluoromethane
 Concen: 48.343 ug/l
 RT: 3.495 min Scan# 261
 Delta R.T. -0.006 min
 Lab File: VN085546.D
 Acq: 28 Jan 2025 18:14

Instrument :

MSVOA_N

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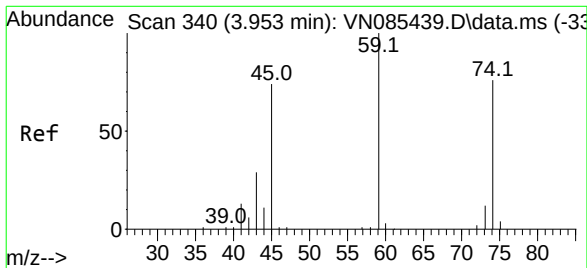
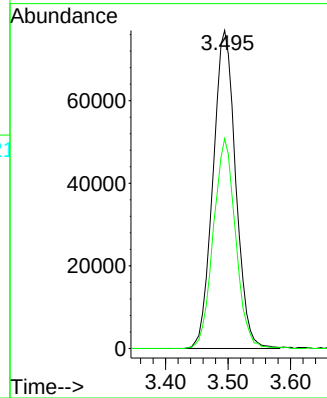
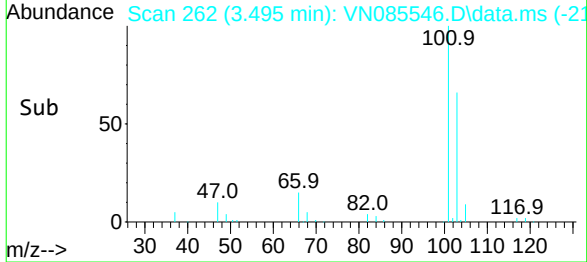
Tgt Ion:101 Resp: 194108
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.4 77.2

Manual Integrations

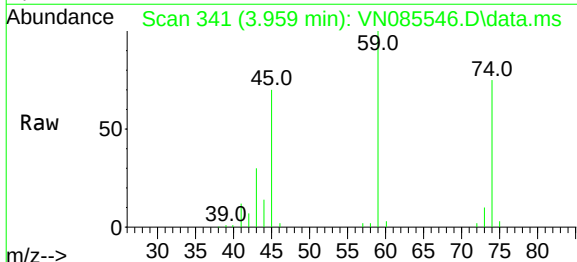
APPROVED

Reviewed By :John Carlone 01/29/2025

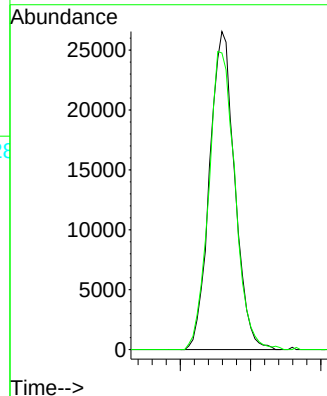
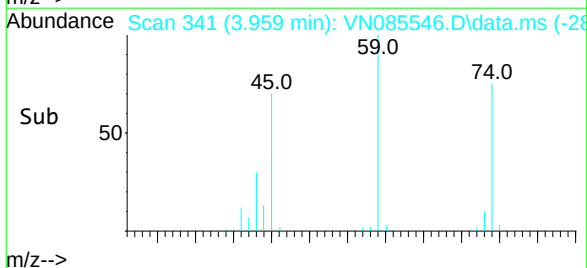
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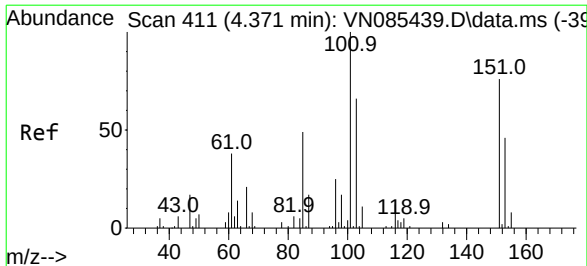


#8
 Diethyl Ether
 Concen: 47.541 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN085546.D
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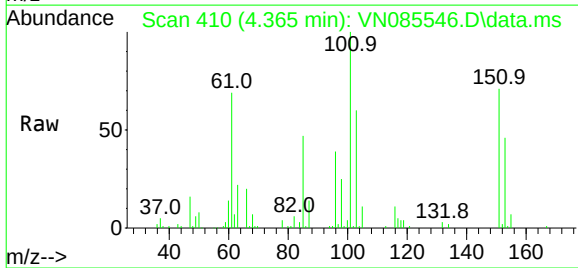
Tgt Ion: 74 Resp: 65944
 Ion Ratio Lower Upper
 74 100
 45 98.3 49.7 149.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.006 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN085546.D
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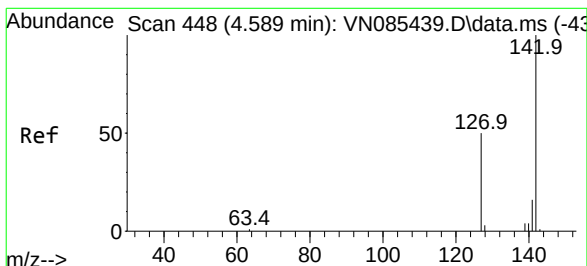
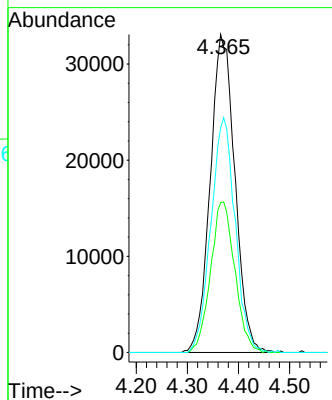
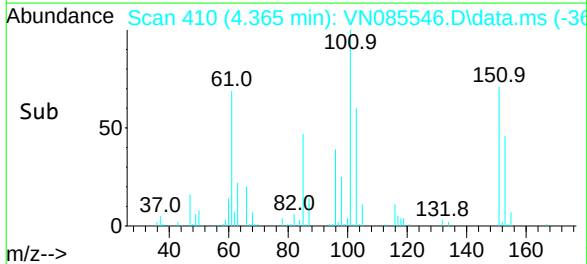
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



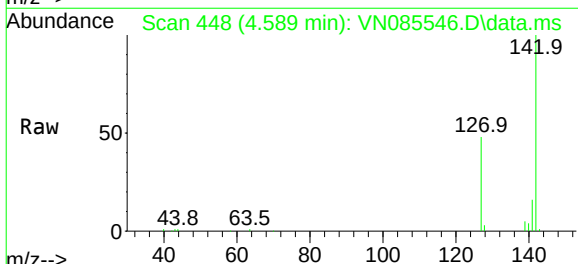
Tgt Ion:101 Resp: 110829
Ion Ratio Lower Upper
101 100
85 46.6 37.8 56.8
151 72.6 58.8 88.2

Manual Integrations
APPROVED

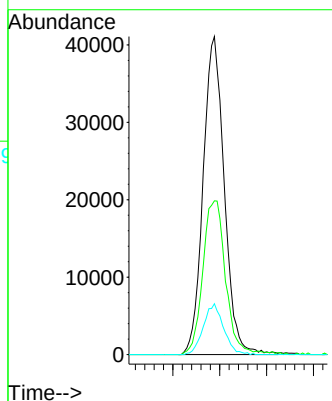
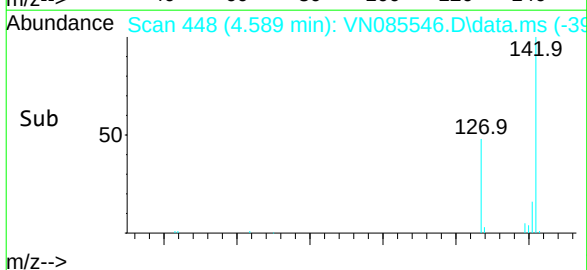
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025

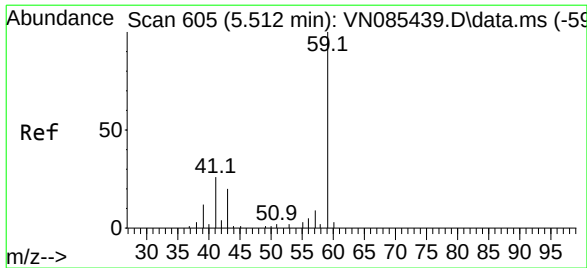


#10
Methyl Iodide
Concen: 49.778 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14



Tgt Ion:142 Resp: 128917
Ion Ratio Lower Upper
142 100
127 48.3 40.3 60.5
141 16.0 12.8 19.2





#11

Tert butyl alcohol

Concen: 351.637 ug/l

RT: 5.518 min Scan# 605

Delta R.T. 0.006 min

Lab File: VN085546.D

Acq: 28 Jan 2025 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 122061

Ion Ratio Lower Upper

59 100

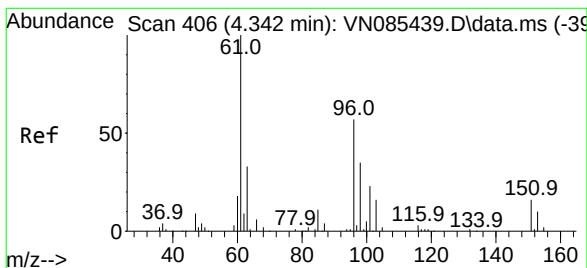
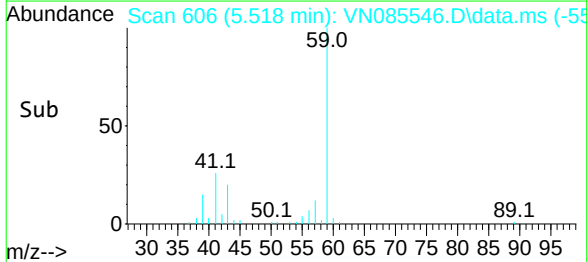
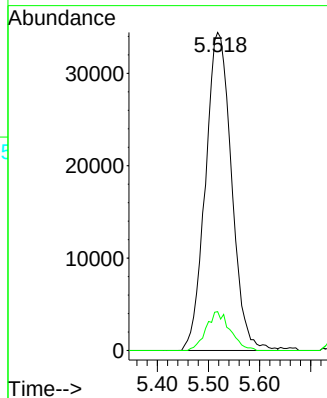
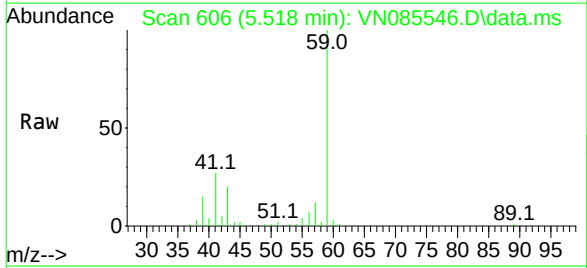
57 11.2 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#12

1,1-Dichloroethene

Concen: 48.687 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.006 min

Lab File: VN085546.D

Acq: 28 Jan 2025 18:14

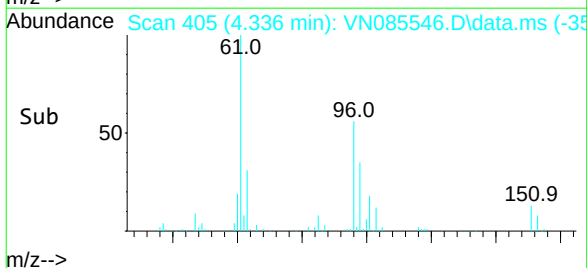
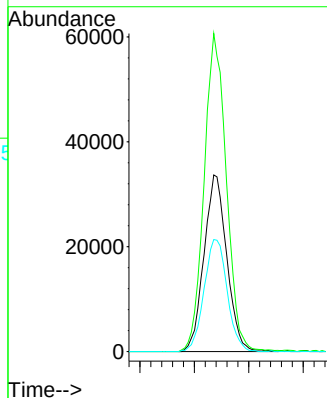
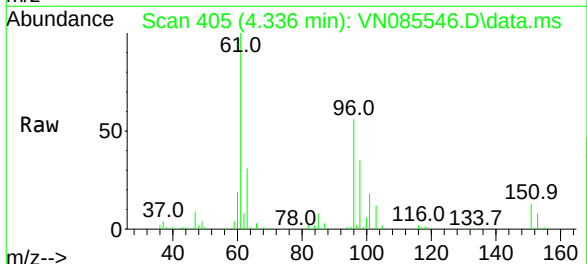
Tgt Ion: 96 Resp: 98130

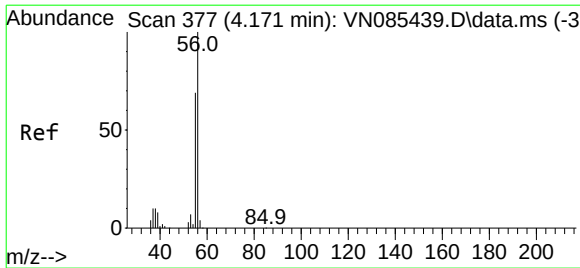
Ion Ratio Lower Upper

96 100

61 180.0 141.0 211.4

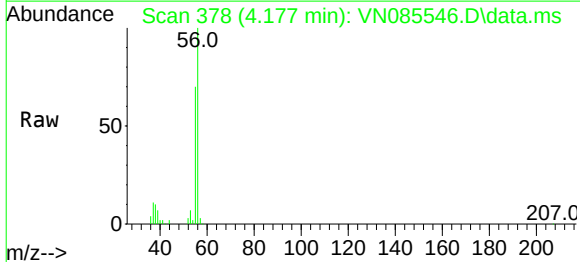
98 63.4 49.0 73.6





#13
Acrolein
Concen: 273.407 ug/l
RT: 4.177 min Scan# 377
Delta R.T. 0.006 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

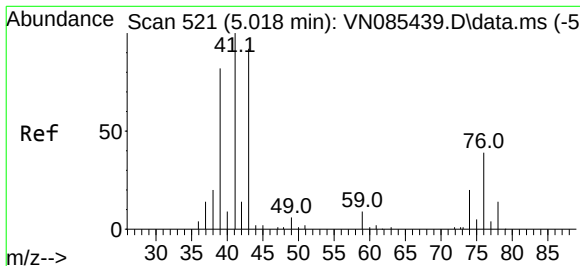
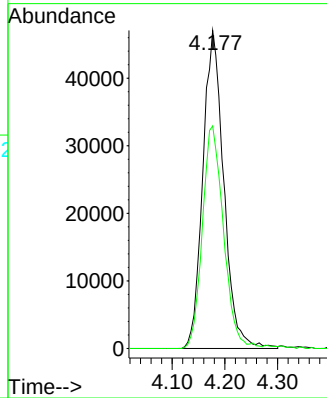
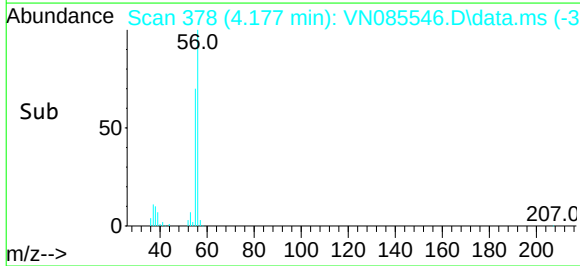
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 129555
Ion Ratio Lower Upper
56 100
55 70.6 56.3 84.5

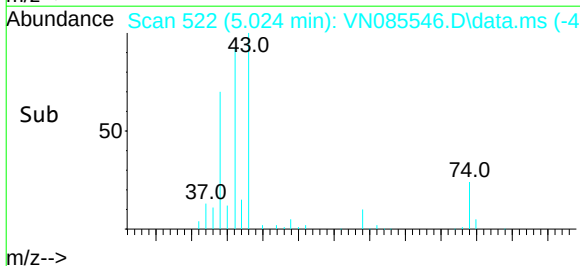
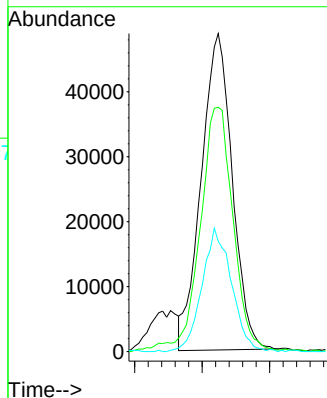
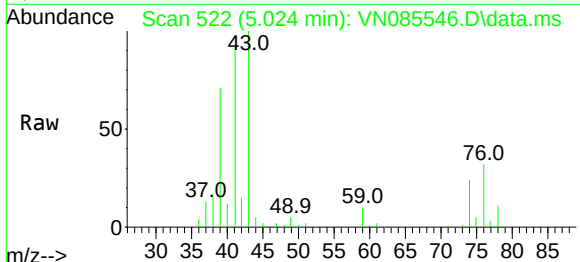
Manual Integrations
APPROVED

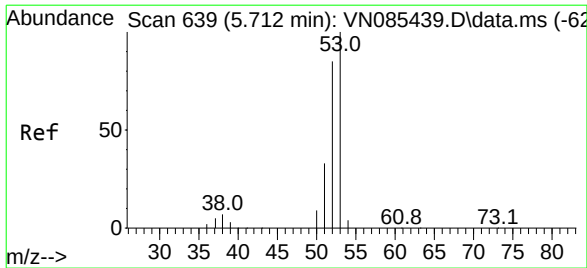
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#14
Allyl chloride
Concen: 47.653 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Tgt Ion: 41 Resp: 155852
Ion Ratio Lower Upper
41 100
39 82.2 64.4 96.6
76 37.0 30.5 45.7





#15

Acrylonitrile

Concen: 281.891 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.000 min

Lab File: VN085546.D

Acq: 28 Jan 2025 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53 Resp: 310806

Ion Ratio Lower Upper

53 100

52 83.9 65.5 98.3

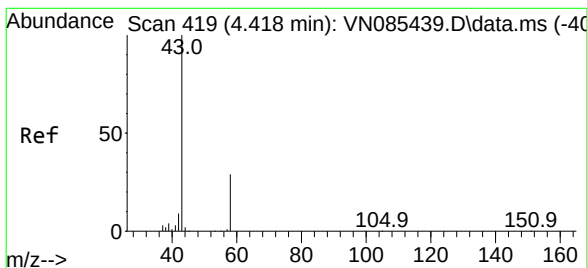
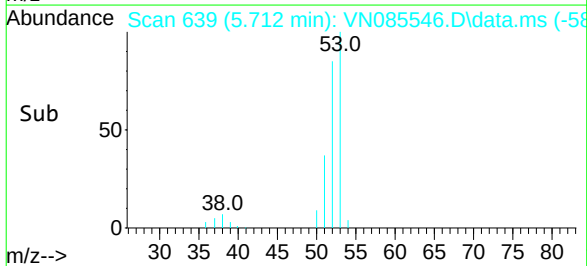
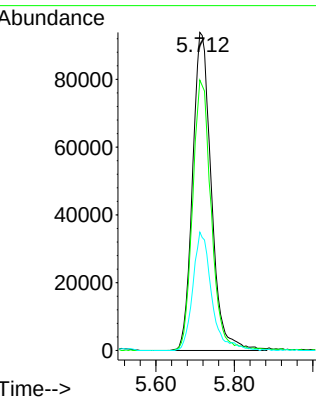
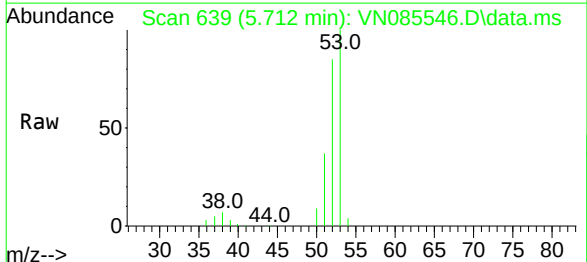
51 37.3 29.8 44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#16

Acetone

Concen: 272.891 ug/l

RT: 4.424 min Scan# 420

Delta R.T. 0.006 min

Lab File: VN085546.D

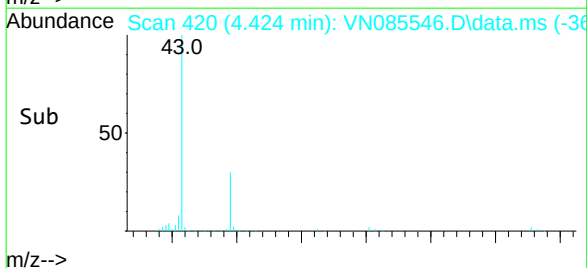
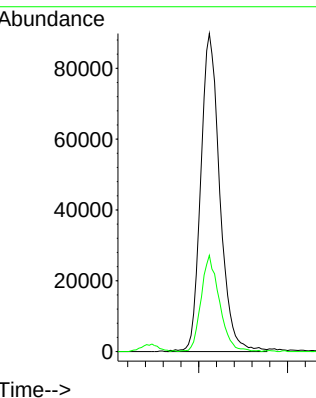
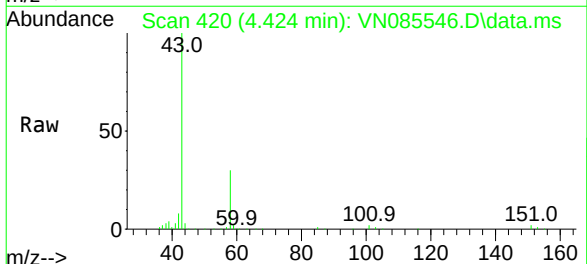
Acq: 28 Jan 2025 18:14

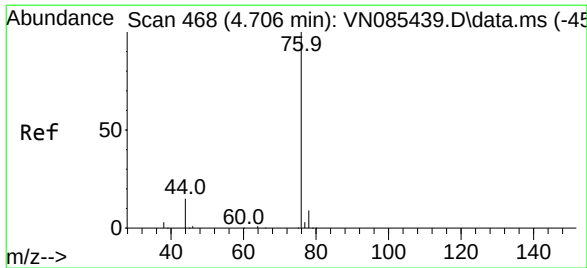
Tgt Ion: 43 Resp: 267295

Ion Ratio Lower Upper

43 100

58 30.0 23.8 35.6





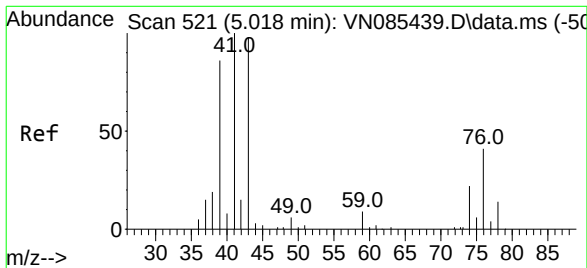
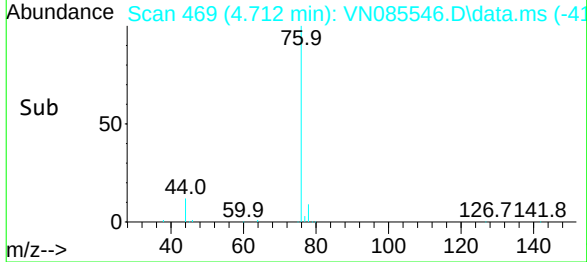
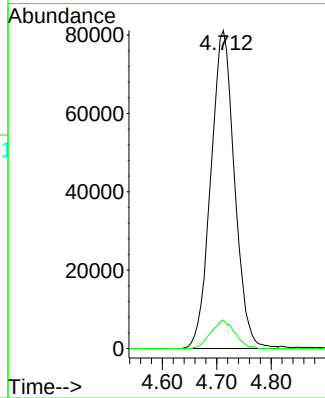
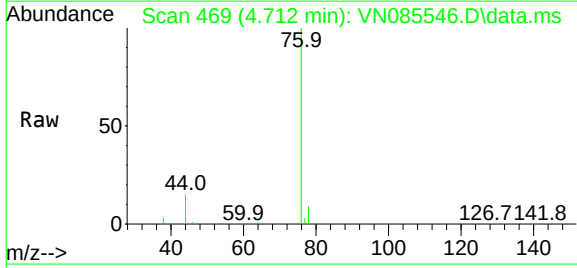
#17
Carbon Disulfide
Concen: 39.567 ug/l
RT: 4.712 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 245541
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3

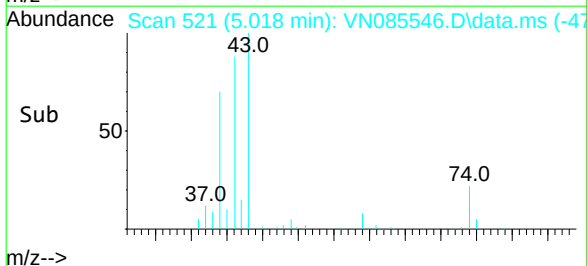
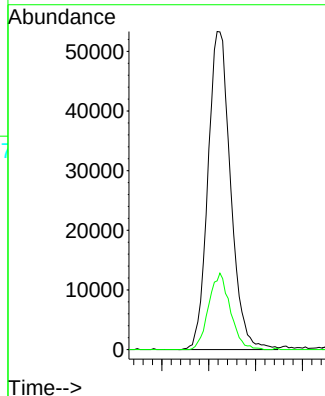
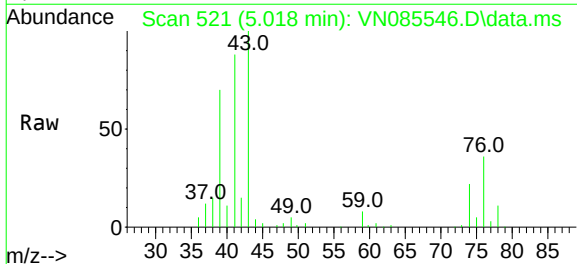
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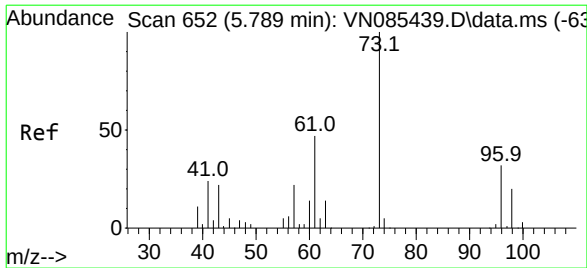
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#18
Methyl Acetate
Concen: 60.097 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Tgt Ion: 43 Resp: 178998
Ion Ratio Lower Upper
43 100
74 22.9 18.6 28.0





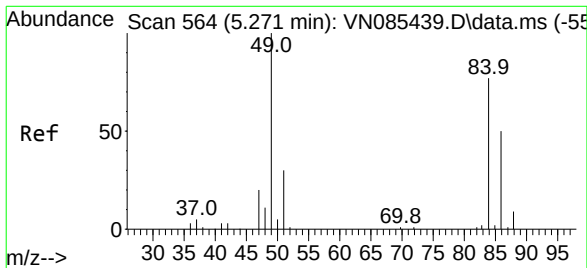
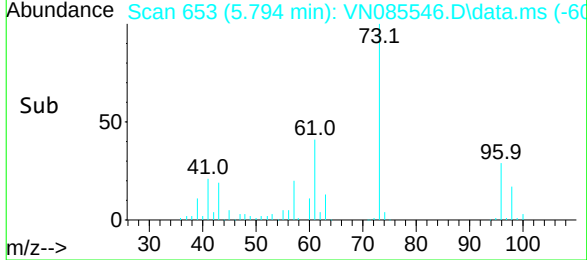
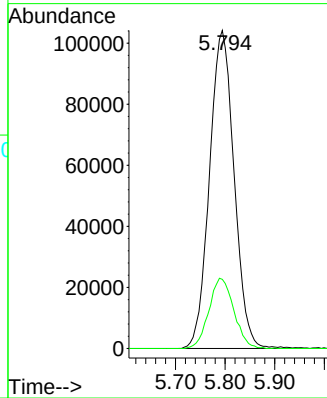
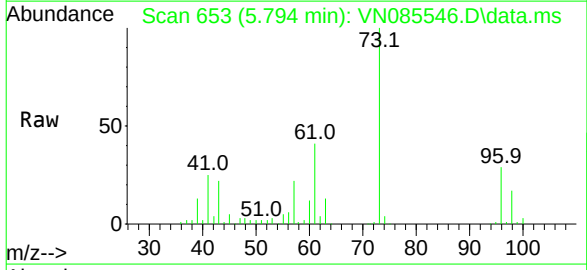
#19
Methyl tert-butyl Ether
Concen: 54.787 ug/l
RT: 5.794 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 358554
Ion Ratio Lower Upper
73 100
57 21.7 17.8 26.8

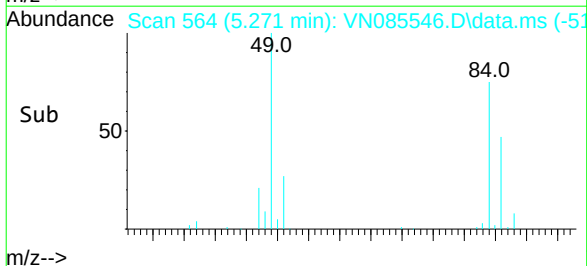
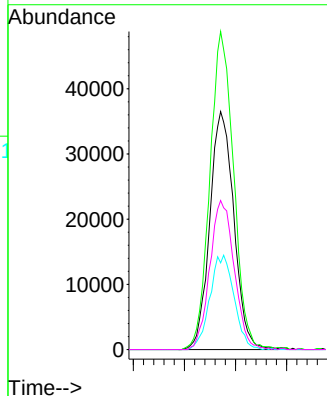
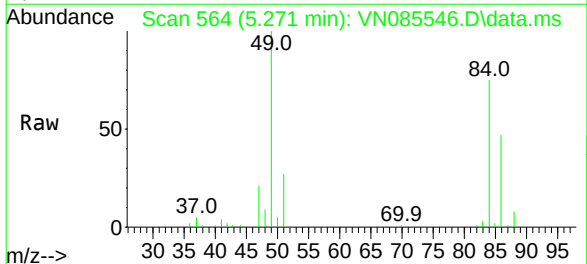
Manual Integrations
APPROVED

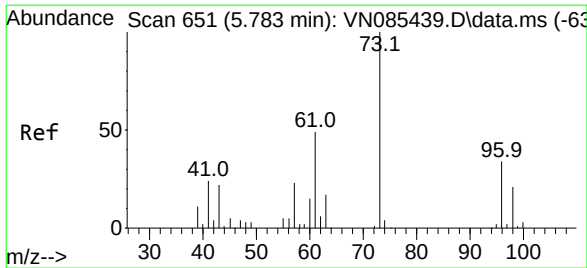
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#20
Methylene Chloride
Concen: 49.335 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Tgt Ion: 84 Resp: 119628
Ion Ratio Lower Upper
84 100
49 133.6 104.1 156.1
51 36.4 31.0 46.4
86 62.6 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 47.884 ug/l

RT: 5.783 min Scan# 651

Delta R.T. -0.000 min

Lab File: VN085546.D

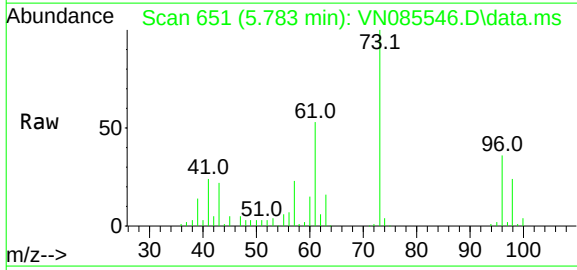
Acq: 28 Jan 2025 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 96 Resp: 103142

Ion Ratio Lower Upper

96 100

61 146.0 115.7 173.5

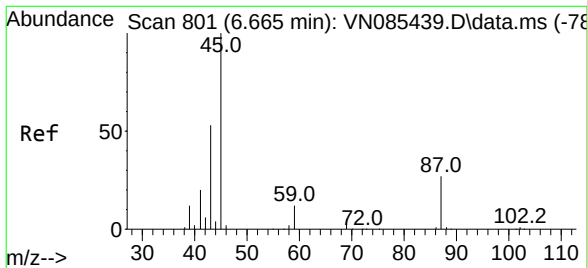
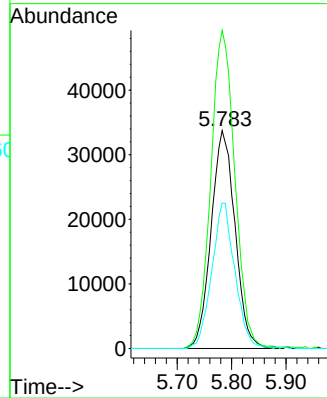
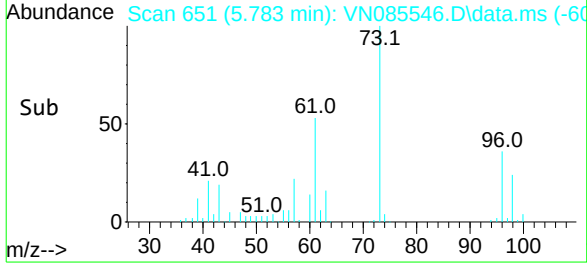
98 66.8 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#22

Diisopropyl ether

Concen: 54.034 ug/l

RT: 6.671 min Scan# 802

Delta R.T. 0.006 min

Lab File: VN085546.D

Acq: 28 Jan 2025 18:14

Tgt Ion: 45 Resp: 392245

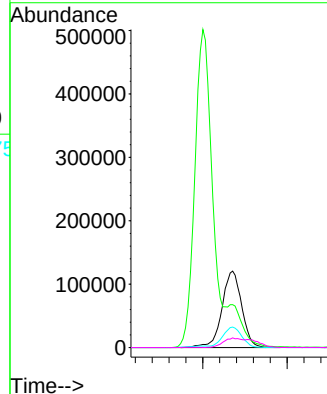
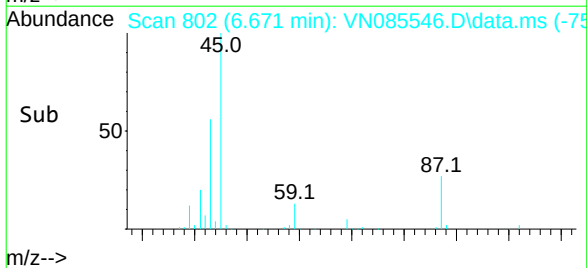
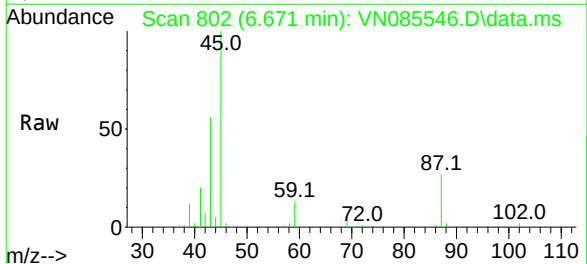
Ion Ratio Lower Upper

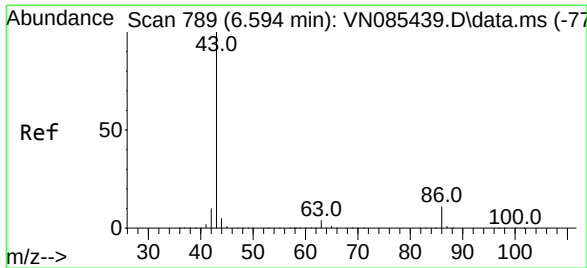
45 100

43 54.9 45.0 67.6

87 26.8 21.8 32.8

59 12.6 10.2 15.2





#23

Vinyl Acetate

Concen: 286.348 ug/l

RT: 6.600 min Scan# 79

Delta R.T. 0.006 min

Lab File: VN085546.D

Acq: 28 Jan 2025 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1454703

Ion Ratio Lower Upper

43 100

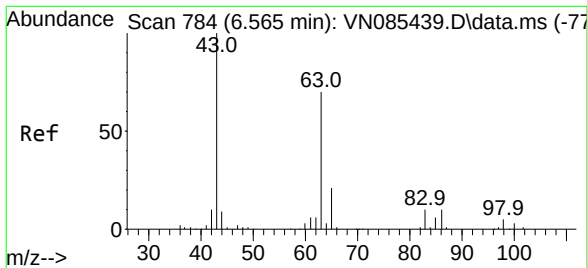
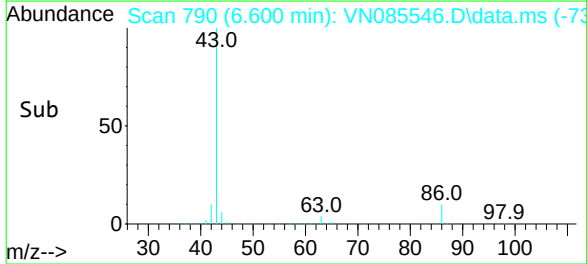
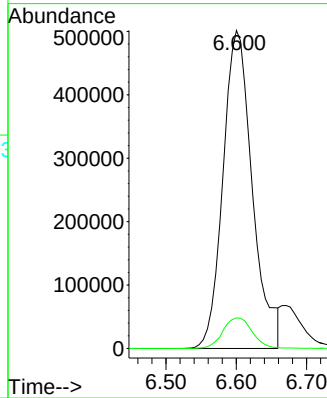
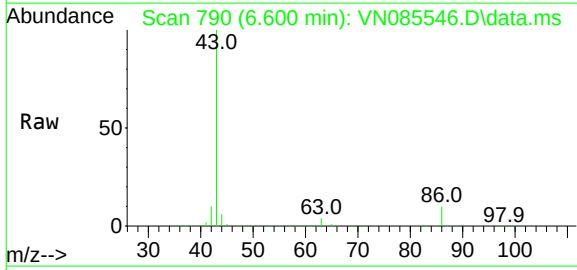
86 9.6 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#24

1,1-Dichloroethane

Concen: 50.334 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.000 min

Lab File: VN085546.D

Acq: 28 Jan 2025 18:14

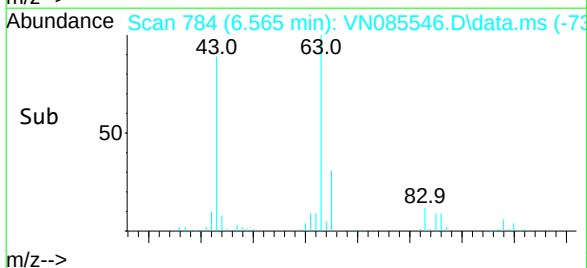
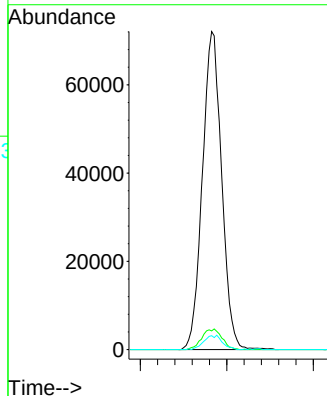
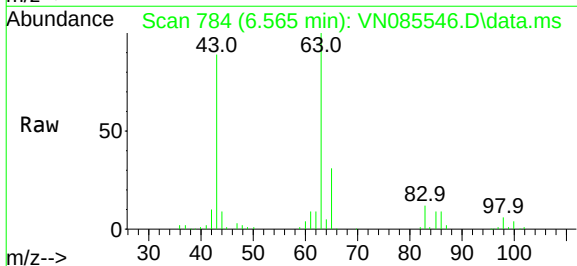
Tgt Ion: 63 Resp: 222797

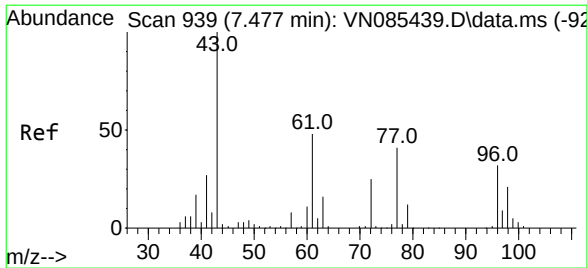
Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.8

100 4.4 2.0 6.0





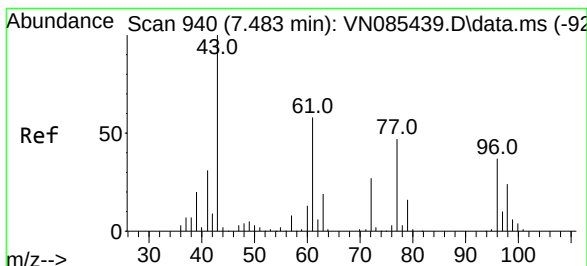
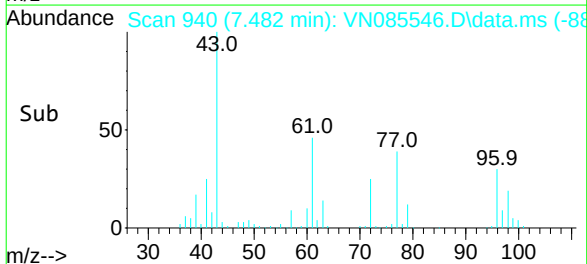
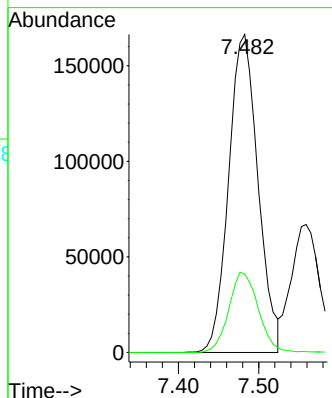
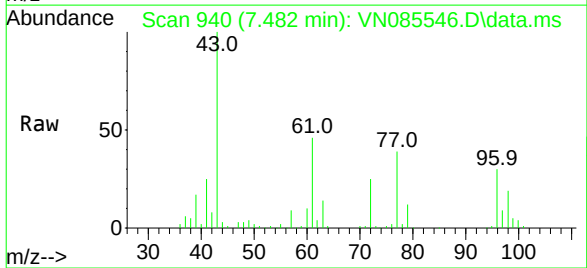
#25
2-Butanone
Concen: 293.531 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 423099
Ion Ratio Lower Upper
43 100
72 24.7 20.2 30.4

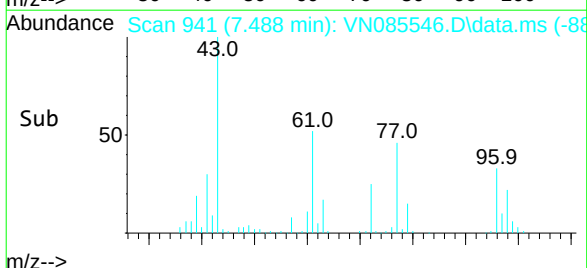
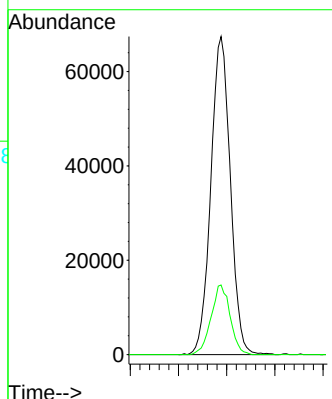
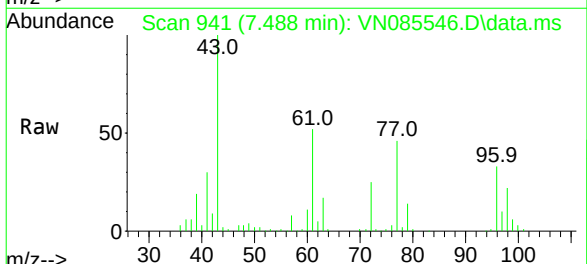
Manual Integrations
APPROVED

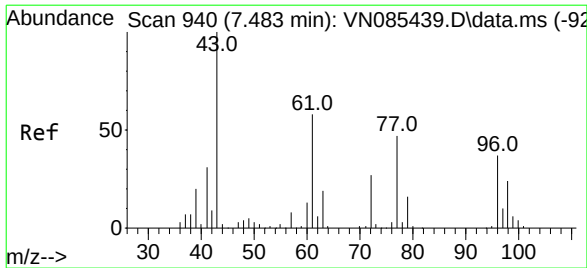
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#26
2,2-Dichloropropane
Concen: 52.834 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

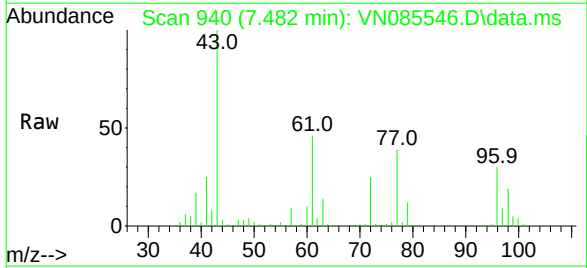
Tgt Ion: 77 Resp: 189076
Ion Ratio Lower Upper
77 100
97 21.4 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 51.325 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085546.D
 Acq: 28 Jan 2025 18:14

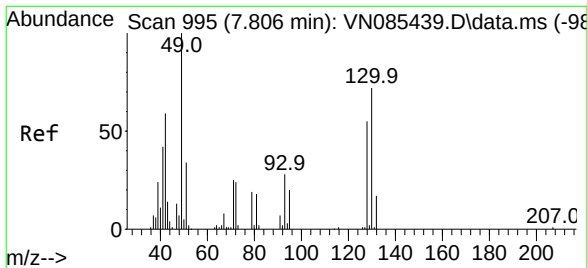
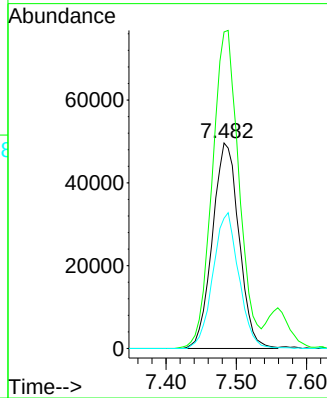
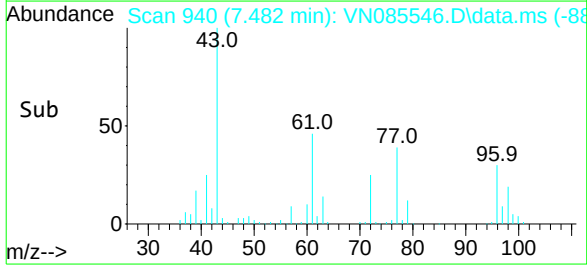
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 130214
 Ion Ratio Lower Upper
 96 100
 61 155.9 0.0 311.8
 98 64.7 0.0 126.0

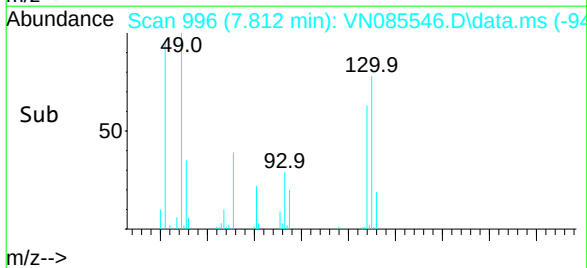
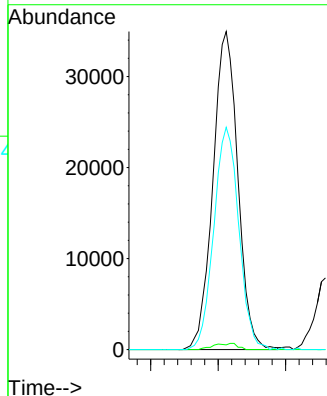
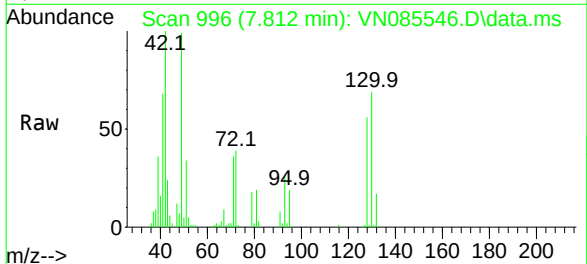
Manual Integrations
 APPROVED

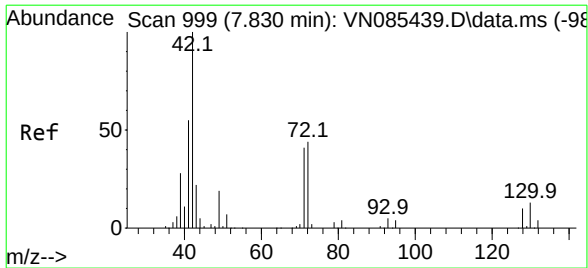
Reviewed By :John Carlone 01/29/2025
 Supervised By :Semsettin Yesilyurt 01/29/2025



#28
 Bromochloromethane
 Concen: 43.487 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085546.D
 Acq: 28 Jan 2025 18:14

Tgt Ion: 49 Resp: 89552
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.4
 130 70.3 55.0 82.4





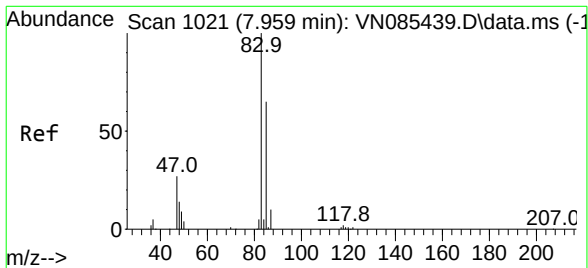
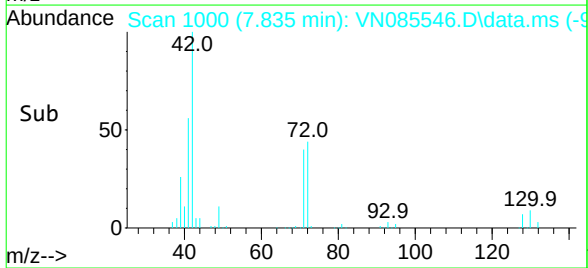
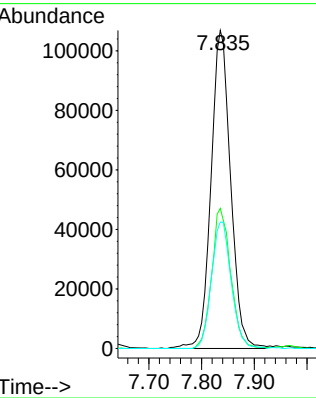
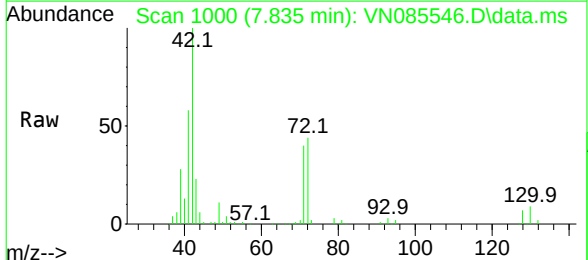
#29
Tetrahydrofuran
Concen: 301.616 ug/l
RT: 7.835 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 275635
Ion Ratio Lower Upper
42 100
72 42.8 34.2 51.2
71 40.1 32.5 48.7

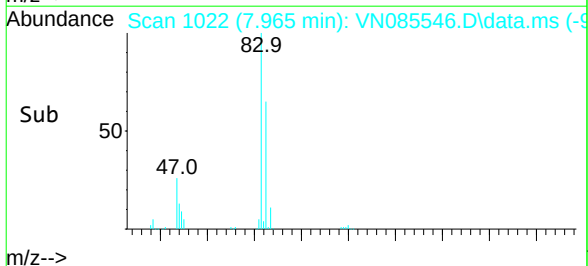
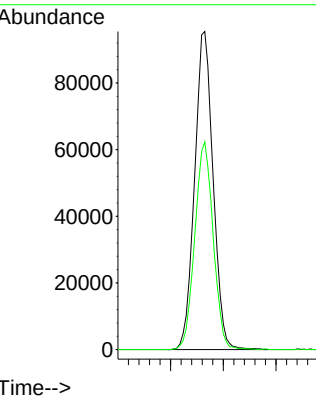
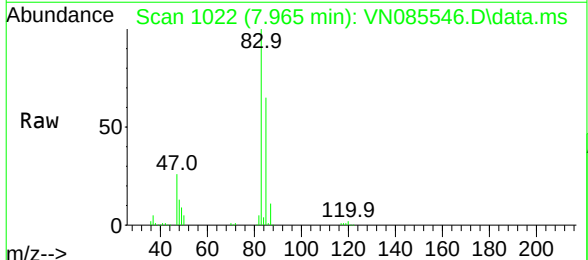
Manual Integrations
APPROVED

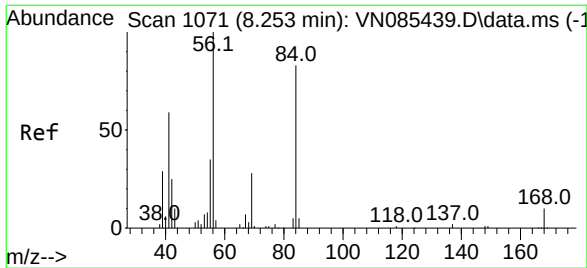
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#30
Chloroform
Concen: 50.826 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Tgt Ion: 83 Resp: 232517
Ion Ratio Lower Upper
83 100
85 65.3 51.8 77.6





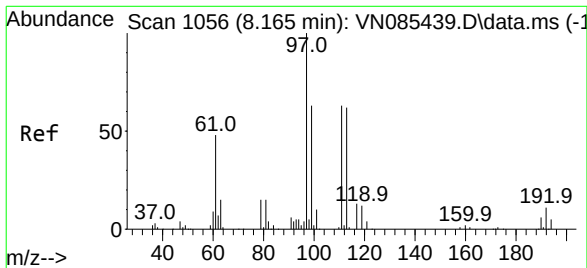
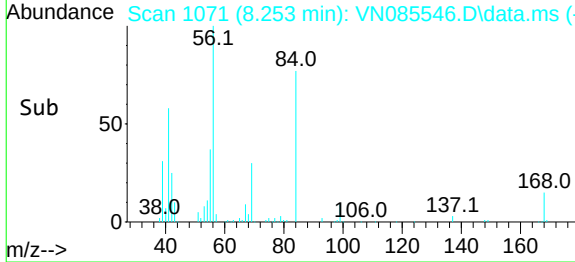
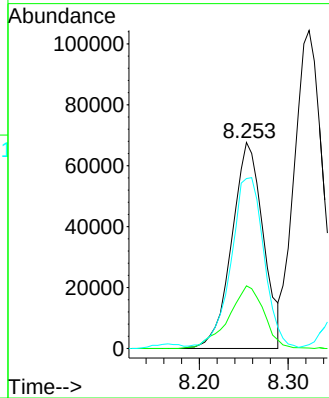
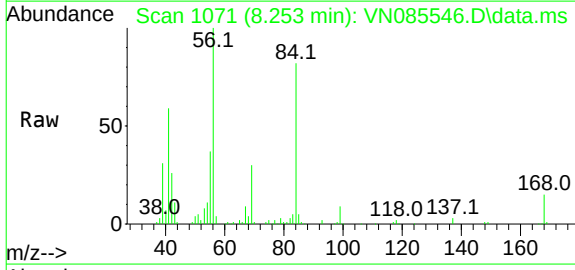
#31
Cyclohexane
Concen: 43.331 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 166703
Ion Ratio Lower Upper
56 100
69 29.8 22.2 33.4
84 80.6 66.4 99.6

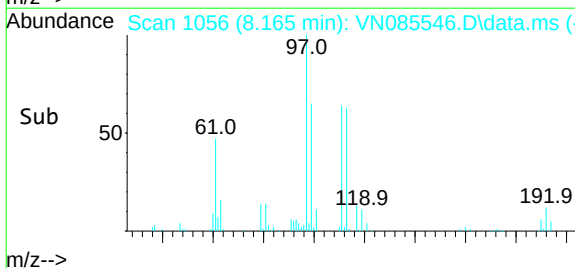
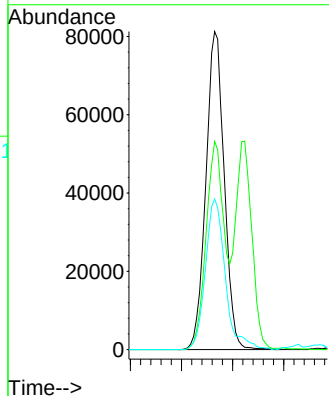
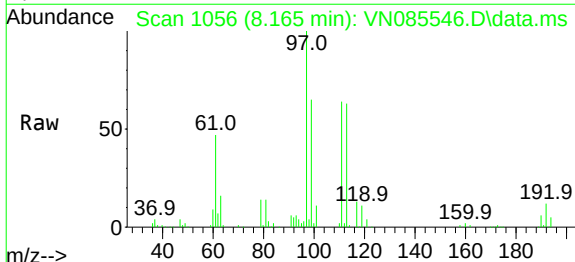
Manual Integrations
APPROVED

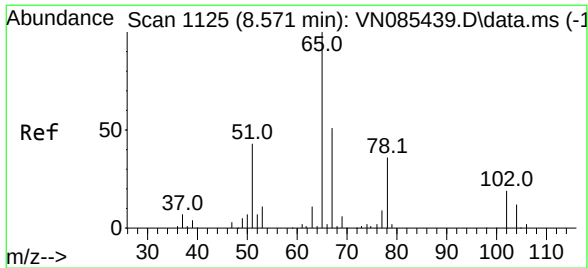
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#32
1,1,1-Trichloroethane
Concen: 50.429 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

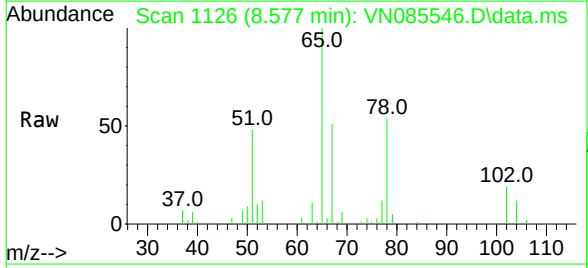
Tgt Ion: 97 Resp: 202362
Ion Ratio Lower Upper
97 100
99 65.0 49.8 74.6
61 51.3 41.4 62.2





#33
1,2-Dichloroethane-d4
Concen: 54.638 ug/l
RT: 8.577 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

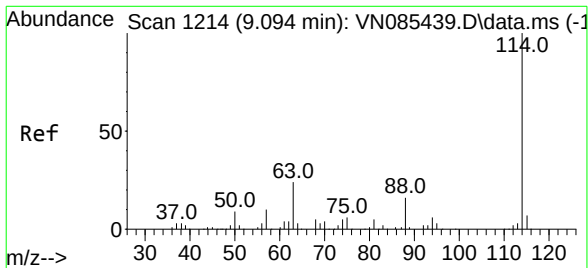
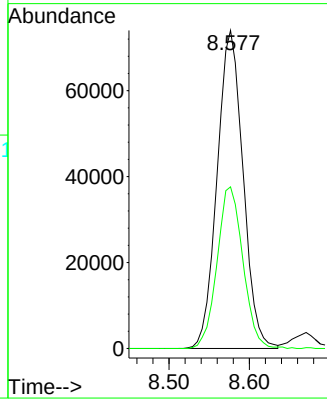
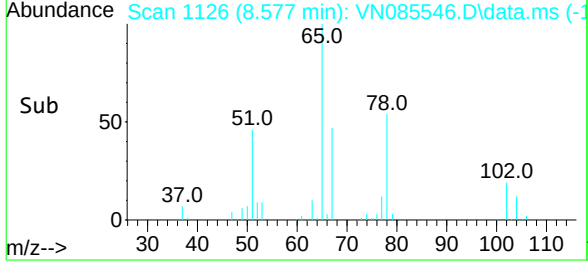
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



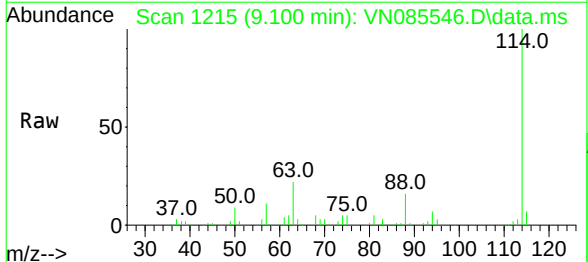
Tgt Ion: 65 Resp: 165633
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.6

Manual Integrations
APPROVED

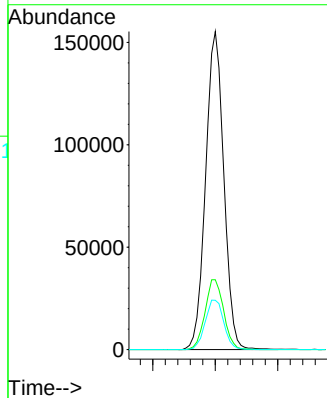
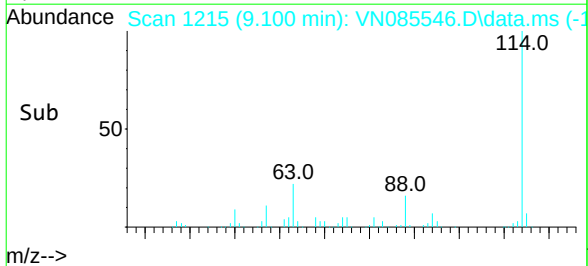
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025

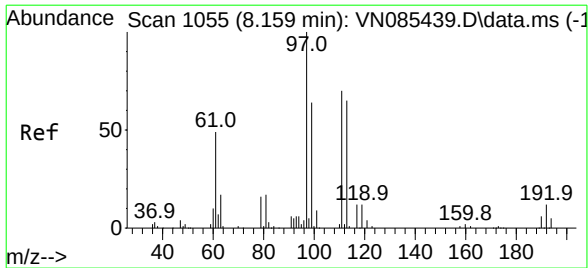


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14



Tgt Ion:114 Resp: 314055
Ion Ratio Lower Upper
114 100
63 22.0 0.0 47.6
88 15.5 0.0 32.6





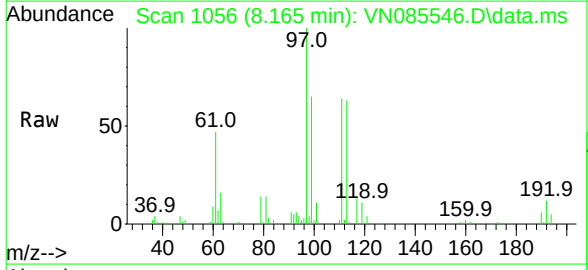
#35
 Dibromofluoromethane
 Concen: 55.349 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085546.D
 Acq: 28 Jan 2025 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



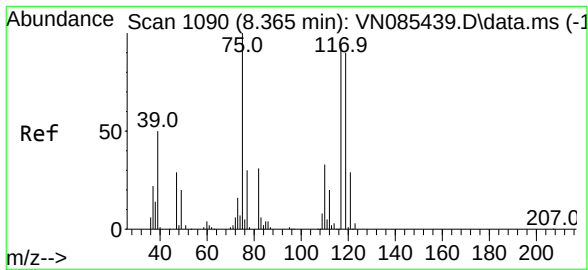
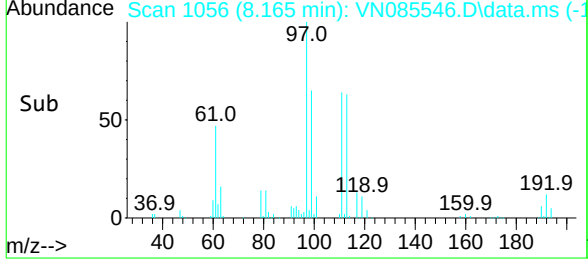
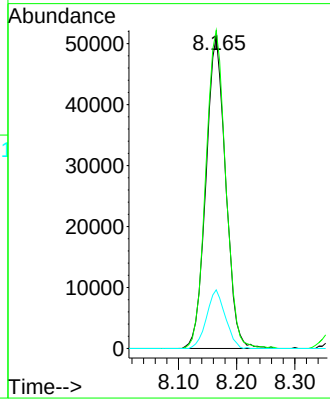
Tgt Ion:	113	Resp:	120592
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.7	124.1
192	17.8	14.3	21.5

Manual Integrations

APPROVED

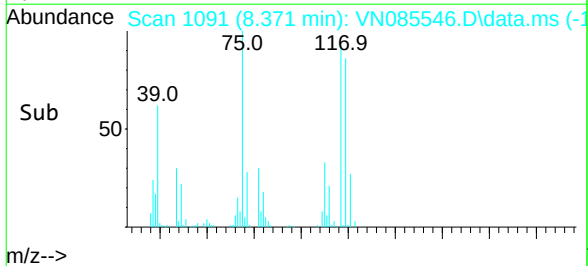
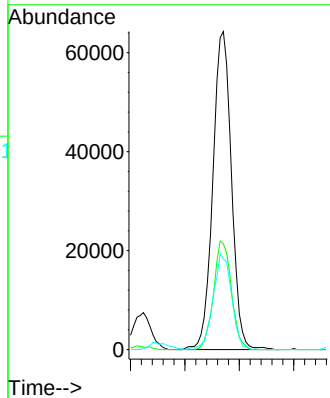
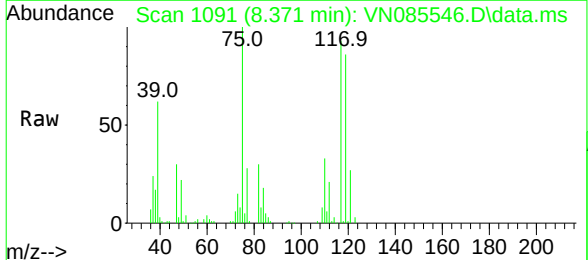
Reviewed By :John Carlone 01/29/2025

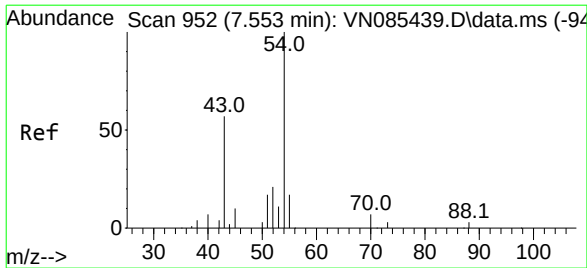
Supervised By :Semsettin Yesilyurt 01/29/2025



#36
 1,1-Dichloropropene
 Concen: 49.851 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085546.D
 Acq: 28 Jan 2025 18:14

Tgt Ion:	75	Resp:	152437
Ion	Ratio	Lower	Upper
75	100		
110	32.6	16.5	49.5
77	29.9	24.4	36.6





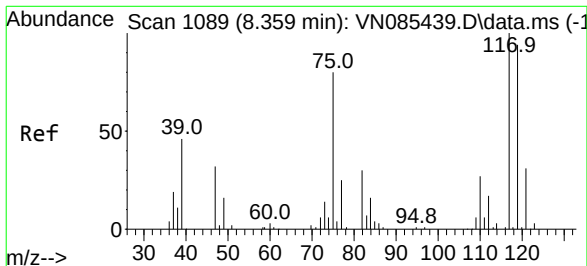
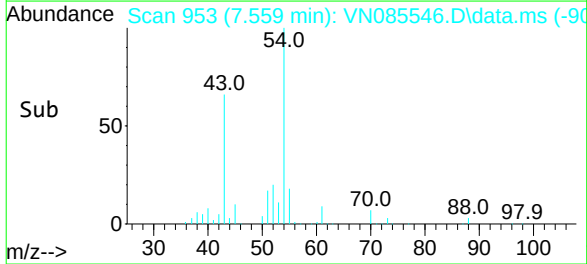
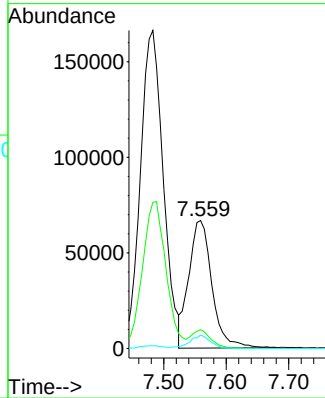
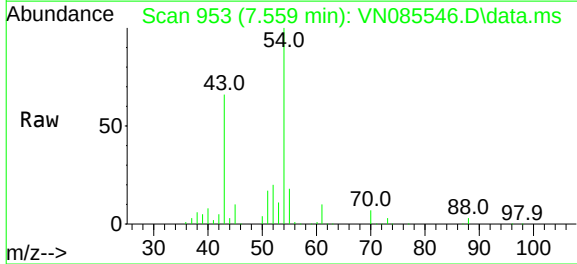
#37
Ethyl Acetate
Concen: 55.616 ug/l
RT: 7.559 min Scan# 952
Delta R.T. 0.006 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 171657
Ion Ratio Lower Upper
43 100
61 12.5 10.9 16.3
70 9.5 7.5 11.3

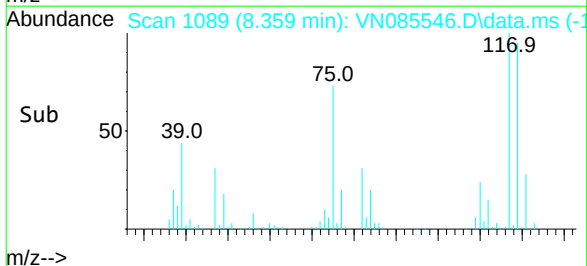
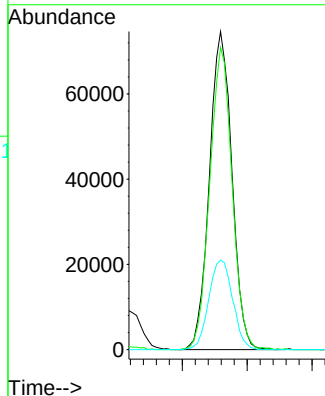
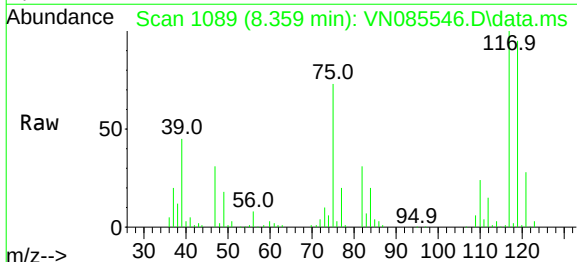
Manual Integrations
APPROVED

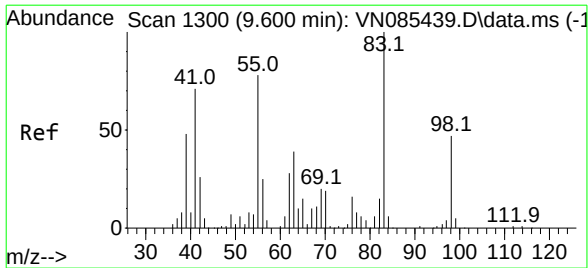
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#38
Carbon Tetrachloride
Concen: 51.368 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Tgt Ion:117 Resp: 179826
Ion Ratio Lower Upper
117 100
119 95.0 75.4 113.2
121 28.1 24.6 37.0





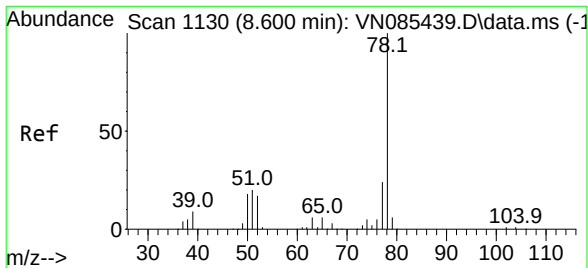
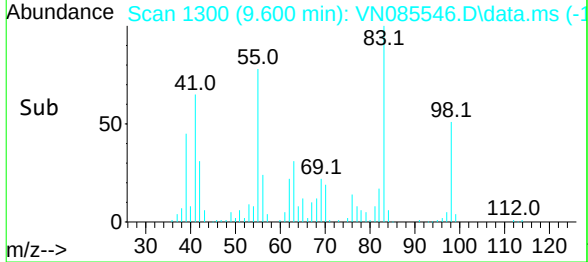
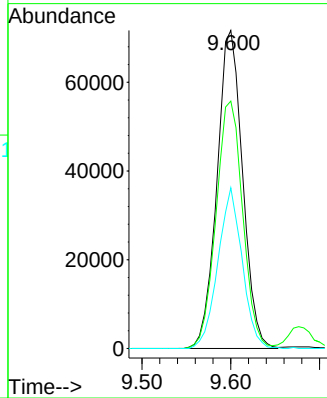
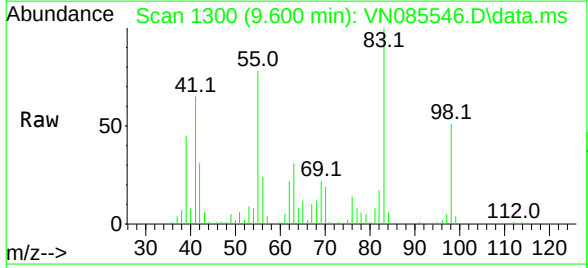
#39
Methylcyclohexane
Concen: 50.030 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 143759
Ion Ratio Lower Upper
83 100
55 77.8 62.6 94.0
98 50.5 37.7 56.5

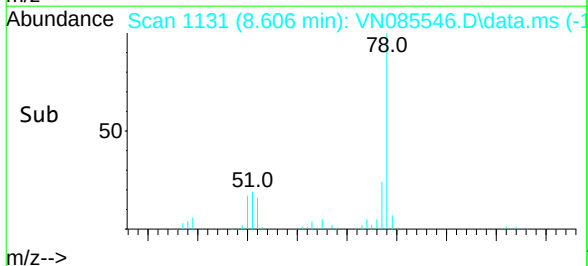
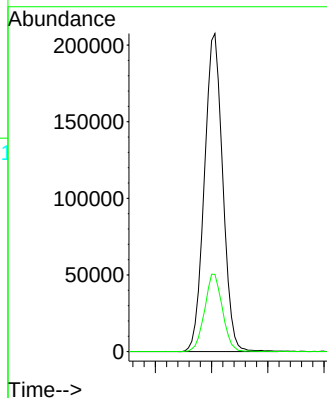
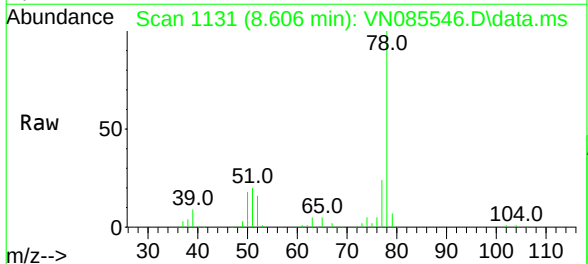
Manual Integrations
APPROVED

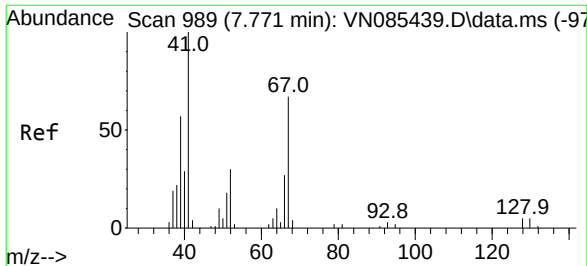
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#40
Benzene
Concen: 51.218 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Tgt Ion: 78 Resp: 470586
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6





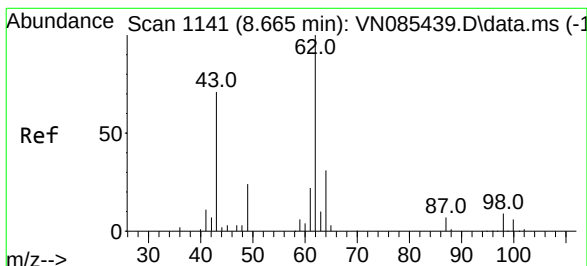
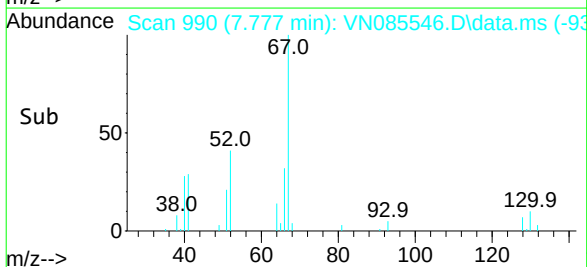
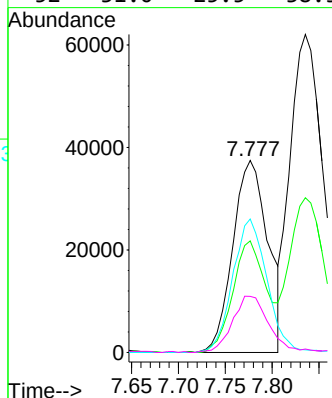
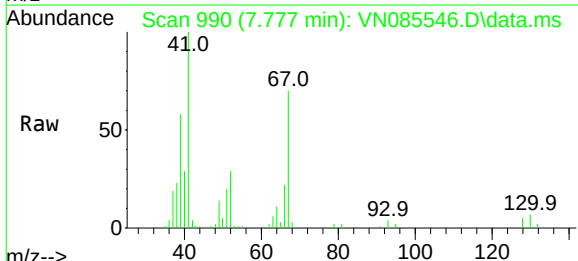
#41
Methacrylonitrile
Concen: 60.848 ug/l
RT: 7.777 min Scan# 99
Delta R.T. 0.006 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	97709
Ion	Ratio	Lower	Upper
41	100		
39	56.4	46.0	69.0
67	68.0	57.4	86.2
52	31.0	25.5	38.3

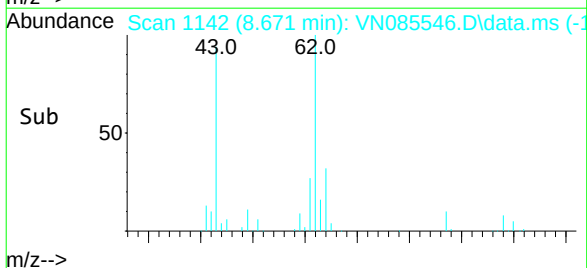
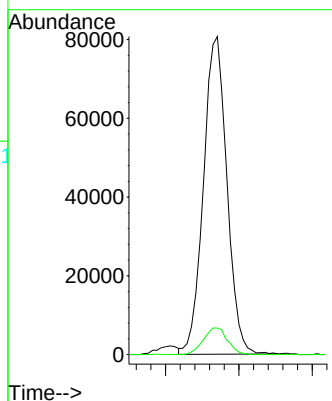
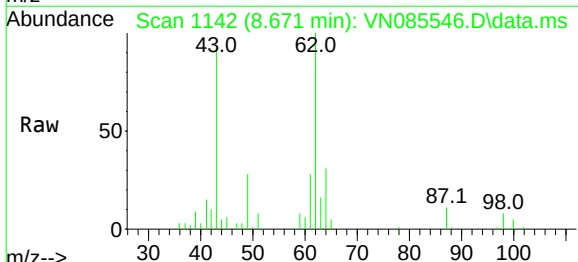
Manual Integrations
APPROVED

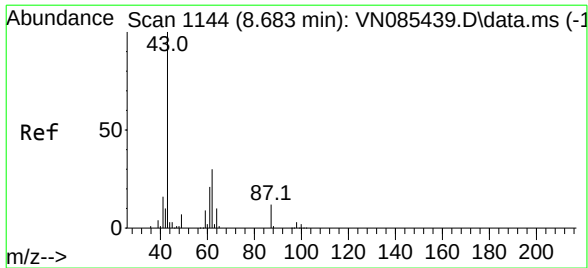
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#42
1,2-Dichloroethane
Concen: 51.863 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

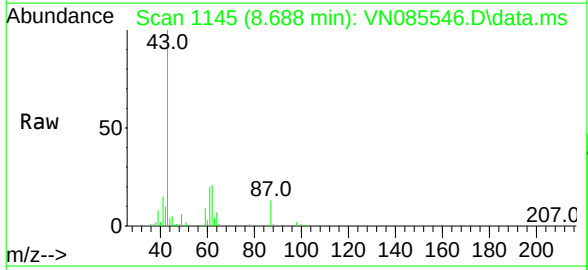
Tgt Ion:	62	Resp:	179469
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0





#43
Isopropyl Acetate
Concen: 69.836 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

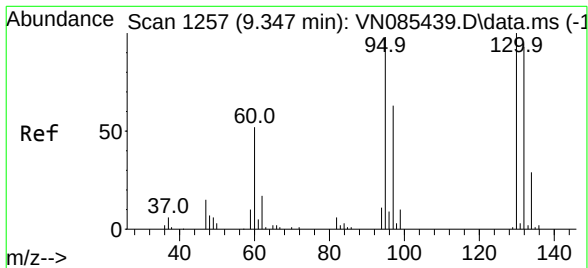
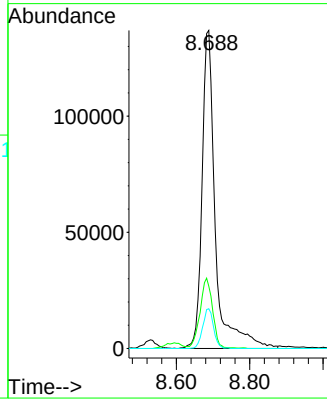
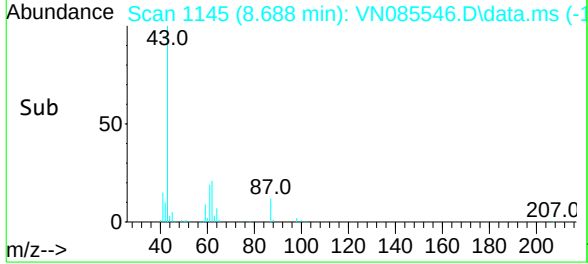
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 345380
Ion Ratio Lower Upper
43 100
61 20.6 20.7 31.1#
87 10.2 9.8 14.8

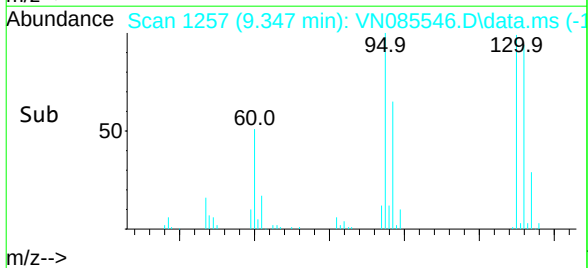
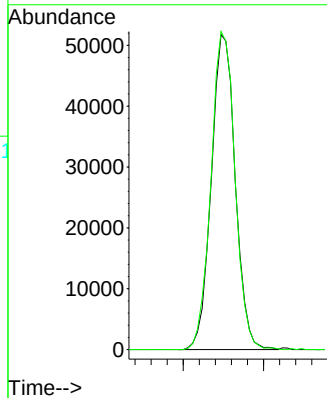
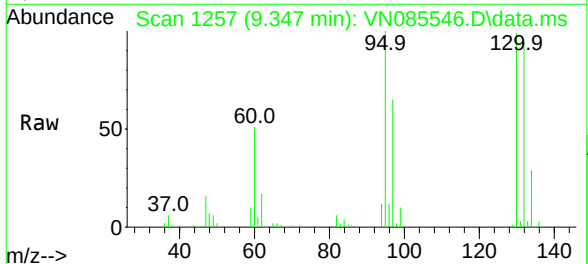
Manual Integrations
APPROVED

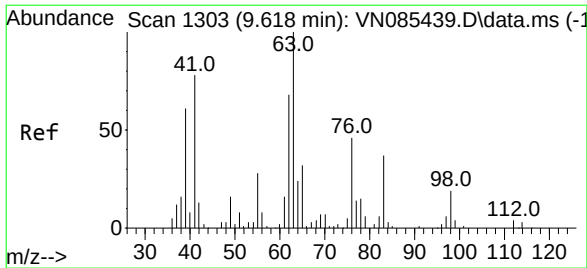
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#44
Trichloroethene
Concen: 50.023 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Tgt Ion:130 Resp: 106986
Ion Ratio Lower Upper
130 100
95 101.0 0.0 195.8





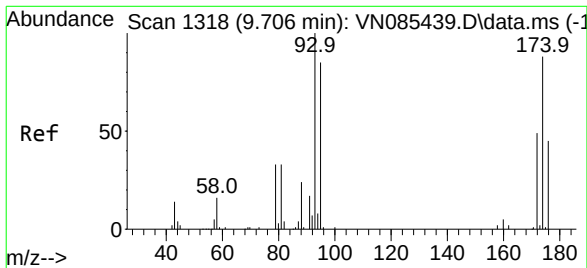
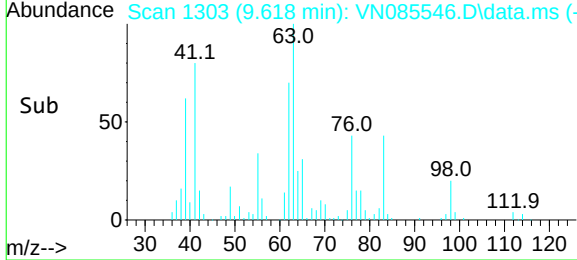
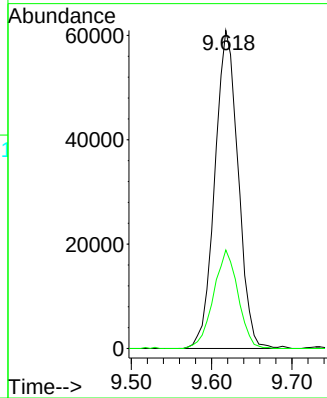
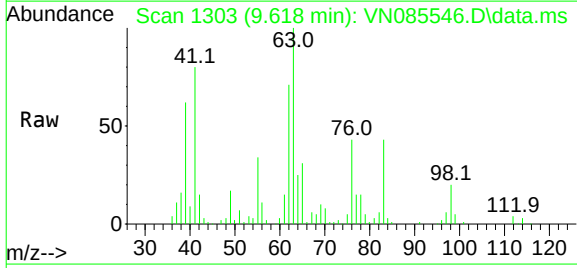
#45
1,2-Dichloropropane
Concen: 52.380 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 122928
Ion Ratio Lower Upper
63 100
65 31.0 25.6 38.4

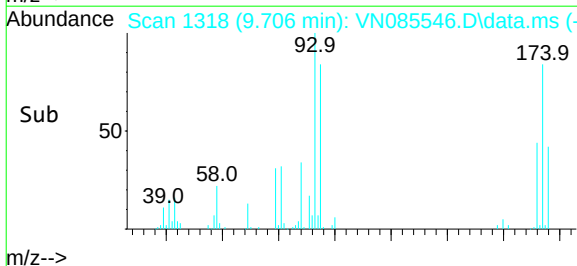
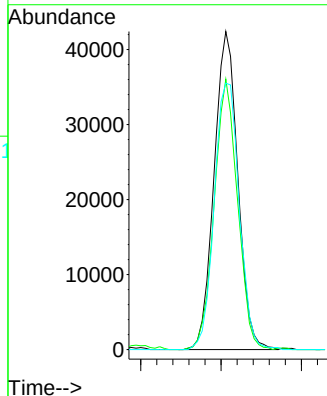
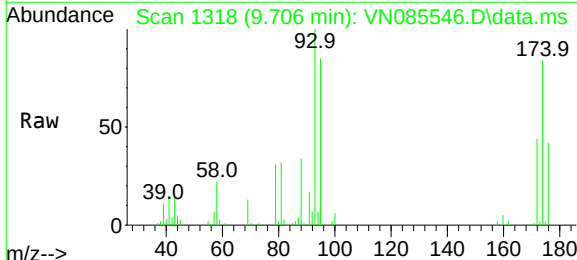
Manual Integrations
APPROVED

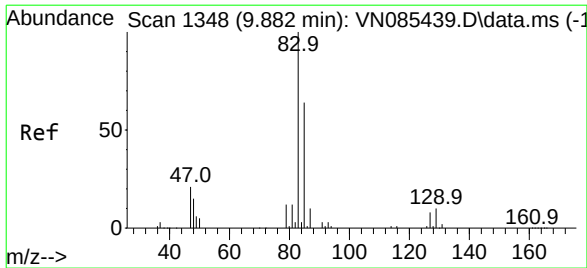
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#46
Dibromomethane
Concen: 51.408 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Tgt Ion: 93 Resp: 87054
Ion Ratio Lower Upper
93 100
95 83.2 64.7 97.1
174 88.2 69.0 103.4





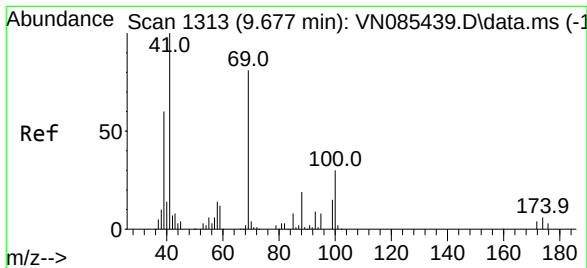
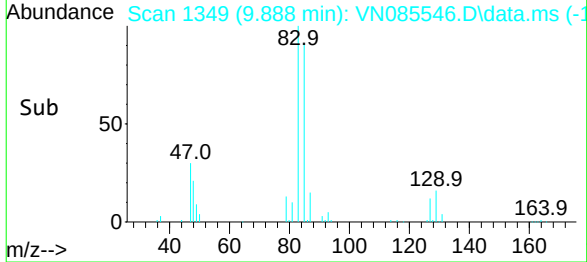
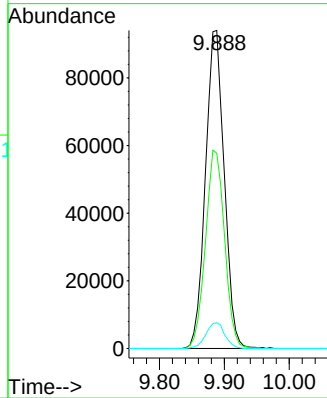
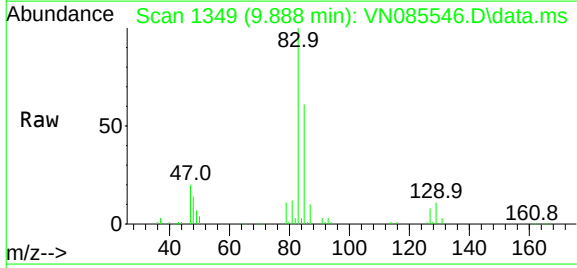
#47
Bromodichloromethane
Concen: 54.778 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 188980
Ion Ratio Lower Upper
83 100
85 61.4 51.2 76.8
127 8.1 6.5 9.7

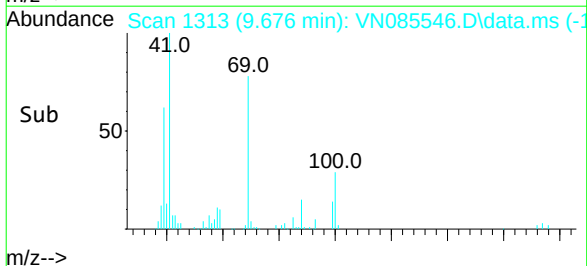
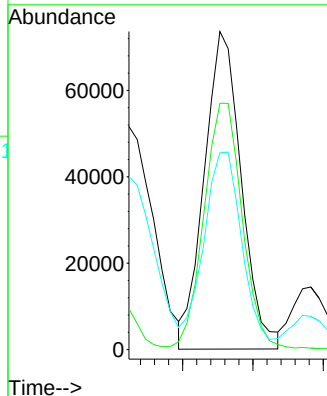
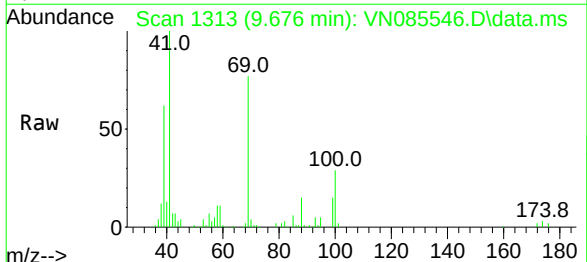
Manual Integrations
APPROVED

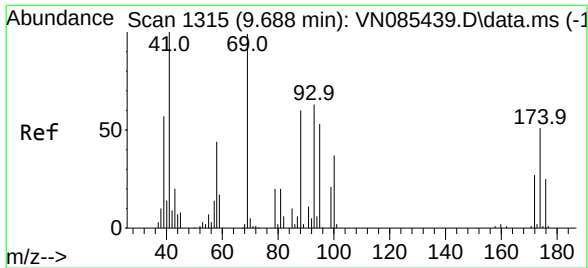
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#48
Methyl methacrylate
Concen: 60.523 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.001 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

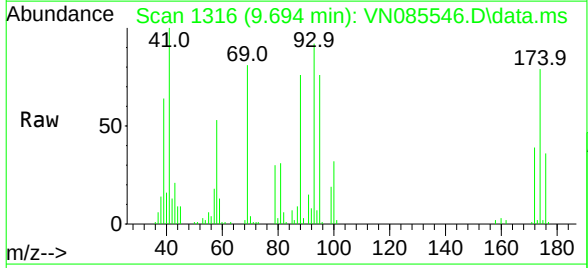
Tgt Ion: 41 Resp: 134702
Ion Ratio Lower Upper
41 100
69 80.5 64.7 97.1
39 64.5 49.0 73.6





#49
1,4-Dioxane
Concen: 1240.952 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

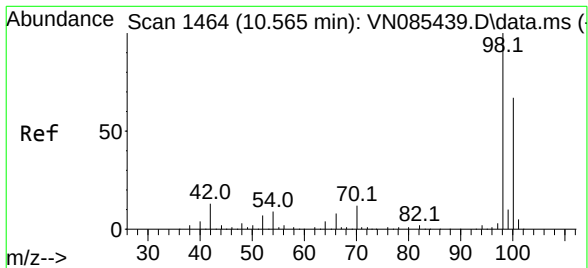
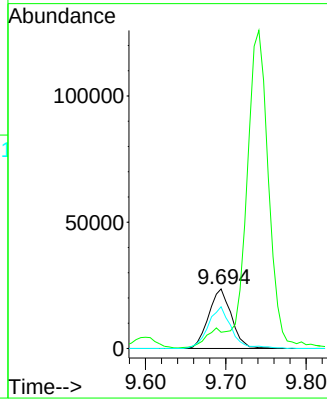
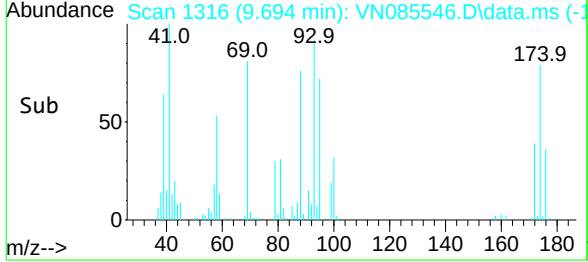
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 46510
Ion Ratio Lower Upper
88 100
43 23.4 26.6 39.8#
58 71.6 59.5 89.3

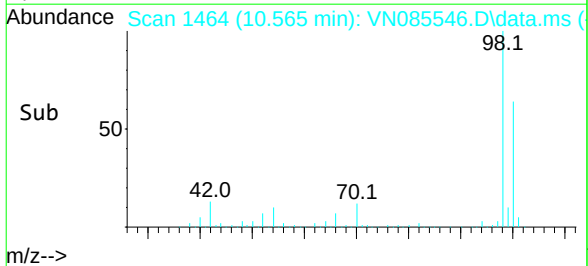
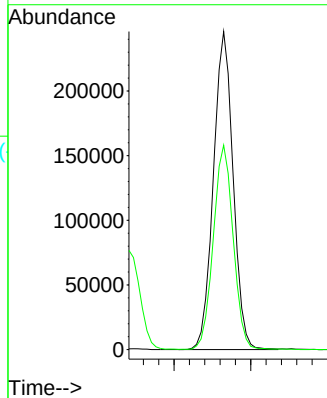
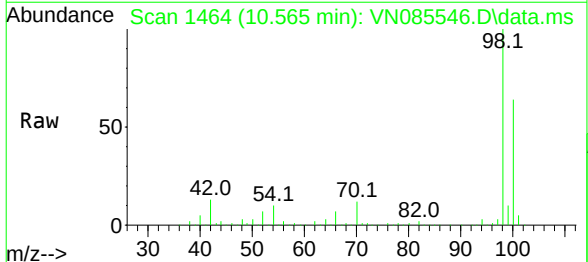
Manual Integrations
APPROVED

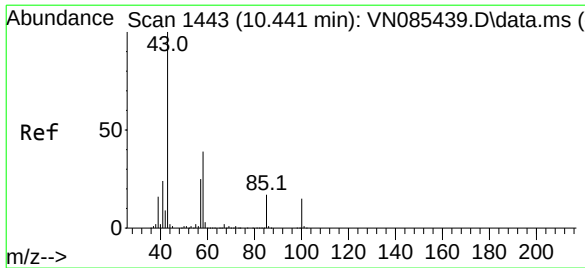
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#50
Toluene-d8
Concen: 56.666 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Tgt Ion: 98 Resp: 438659
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4





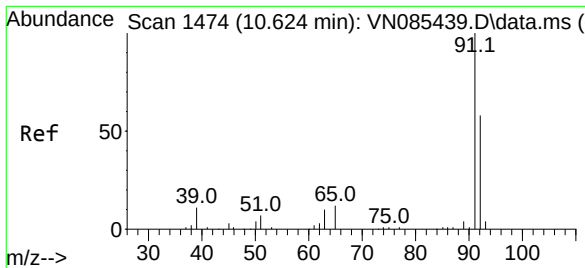
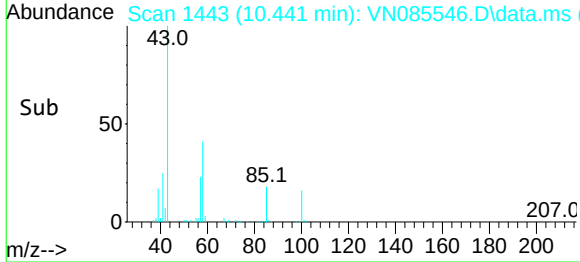
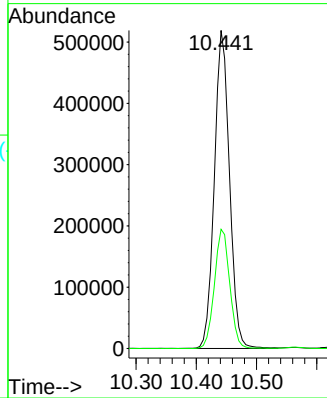
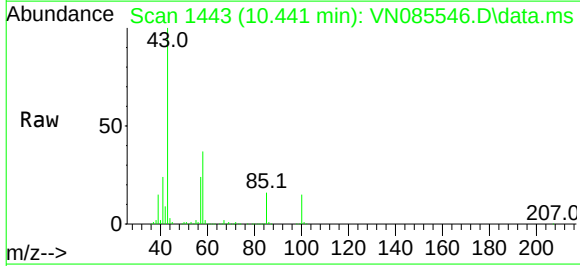
#51
4-Methyl-2-Pentanone
Concen: 315.843 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 906426
Ion Ratio Lower Upper
43 100
58 38.0 30.5 45.7

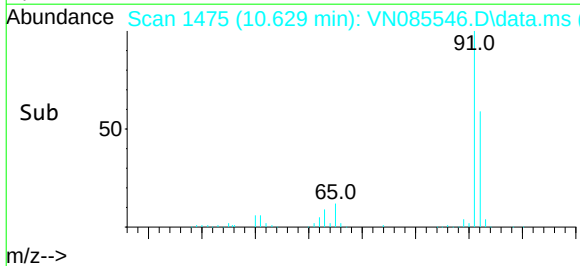
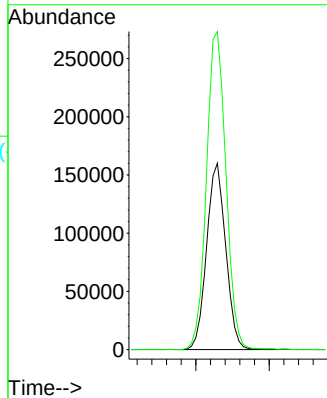
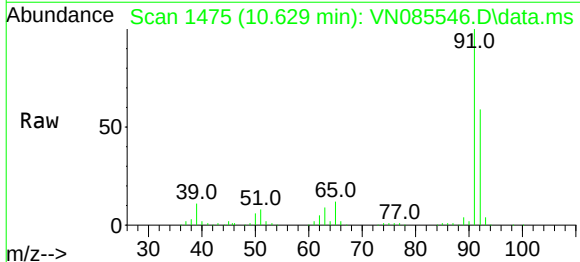
Manual Integrations
APPROVED

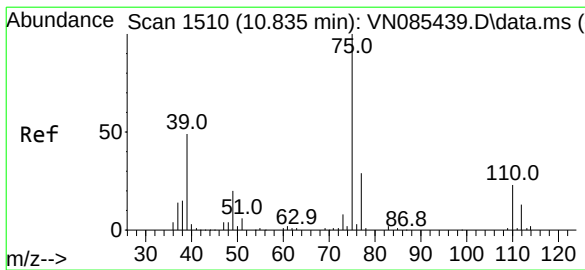
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#52
Toluene
Concen: 54.423 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

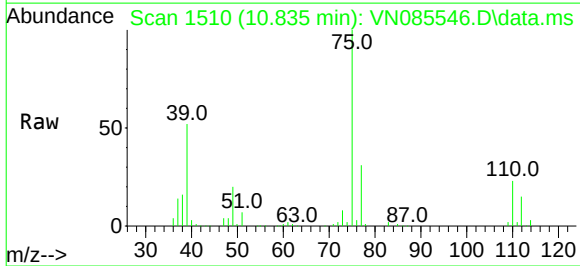
Tgt Ion: 92 Resp: 289726
Ion Ratio Lower Upper
92 100
91 174.4 139.2 208.8





#53
 t-1,3-Dichloropropene
 Concen: 55.846 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN085546.D
 Acq: 28 Jan 2025 18:14

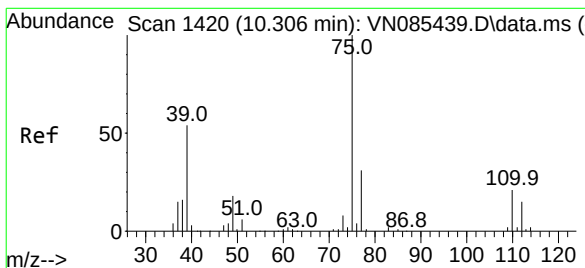
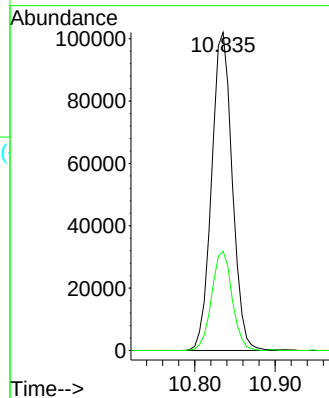
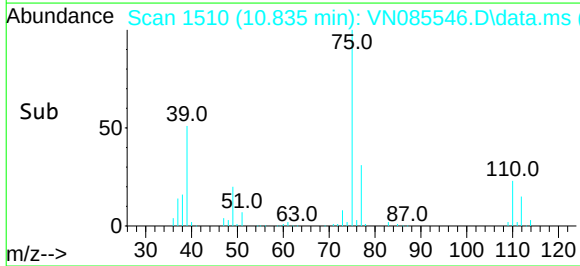
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



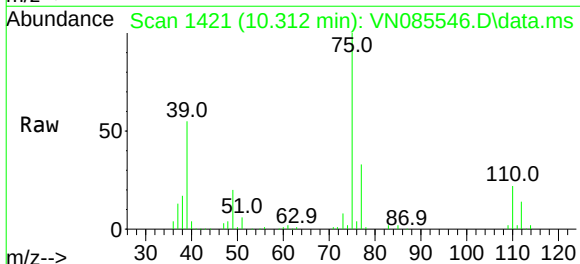
Tgt Ion: 75 Resp: 182074
 Ion Ratio Lower Upper
 75 100
 77 31.2 23.5 35.3

Manual Integrations
 APPROVED

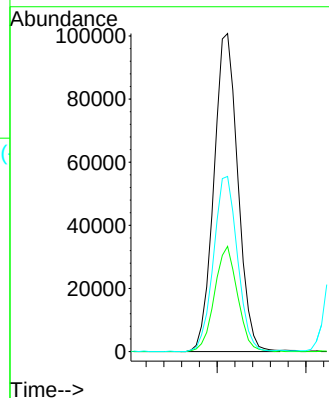
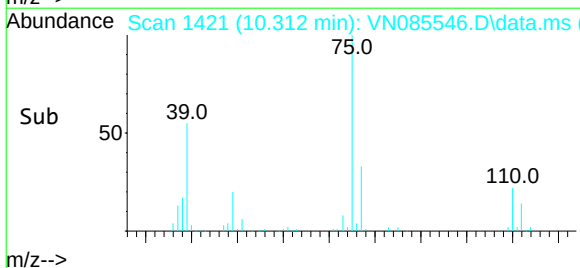
Reviewed By :John Carlone 01/29/2025
 Supervised By :Semsettin Yesilyurt 01/29/2025

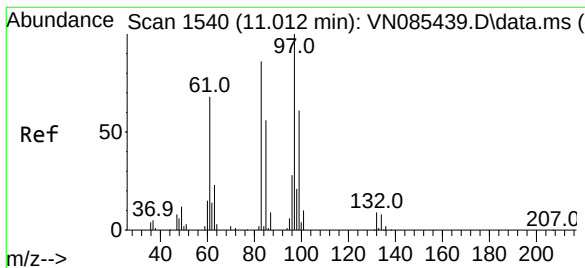


#54
 cis-1,3-Dichloropropene
 Concen: 54.260 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN085546.D
 Acq: 28 Jan 2025 18:14



Tgt Ion: 75 Resp: 188960
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.0 37.4
 39 55.1 43.1 64.7





#55

1,1,2-Trichloroethane

Concen: 54.714 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.000 min

Lab File: VN085546.D

Acq: 28 Jan 2025 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 115272

Ion Ratio Lower Upper

97 100

83 85.0 69.0 103.6

85 53.3 44.6 66.8

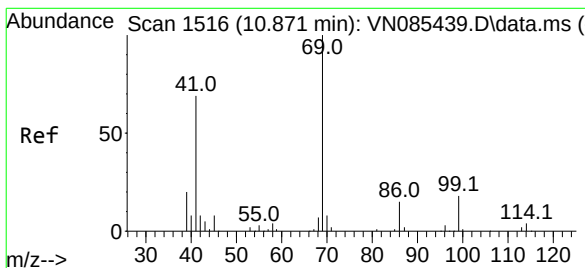
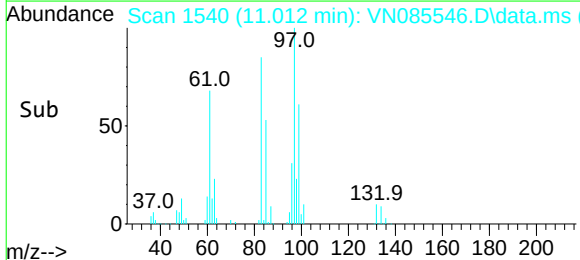
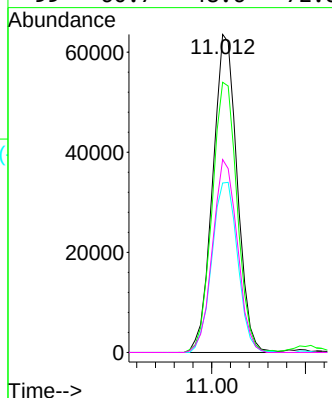
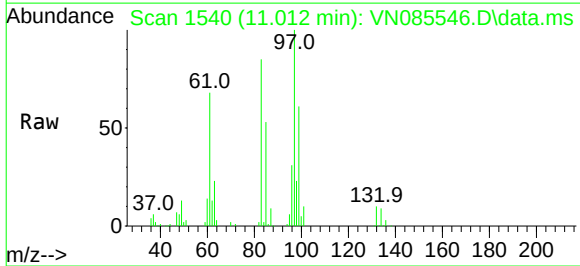
99 60.7 48.6 72.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#56

Ethyl methacrylate

Concen: 51.541 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN085546.D

Acq: 28 Jan 2025 18:14

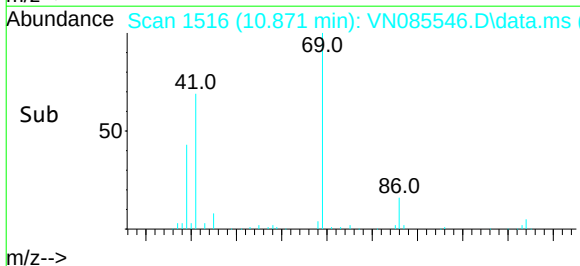
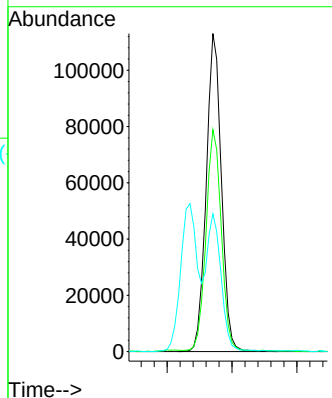
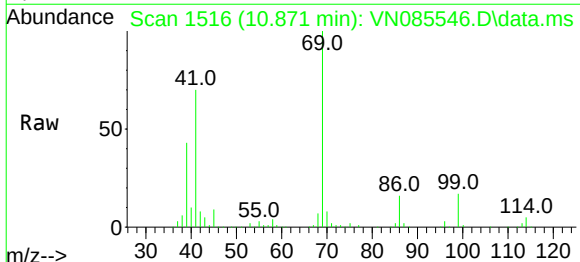
Tgt Ion: 69 Resp: 183142

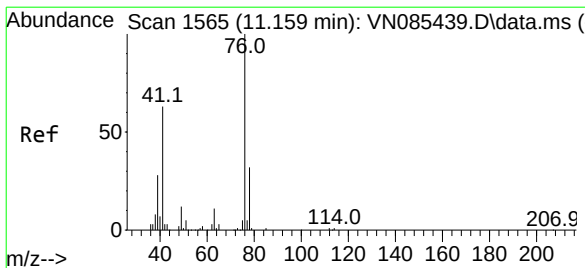
Ion Ratio Lower Upper

69 100

41 69.8 54.6 82.0

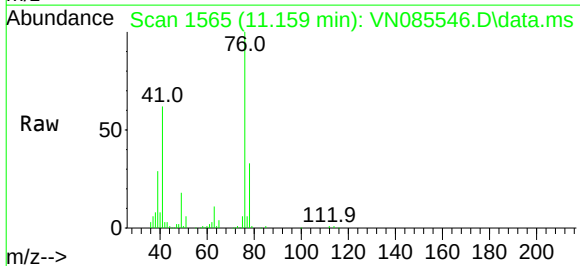
39 41.8 32.4 48.6





#57
1,3-Dichloropropane
Concen: 55.519 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

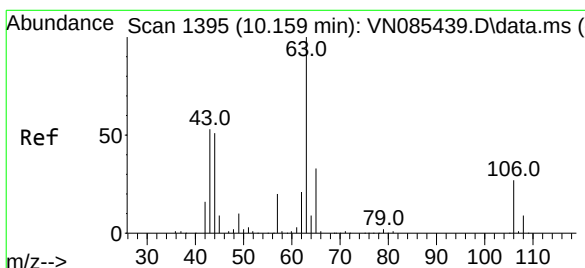
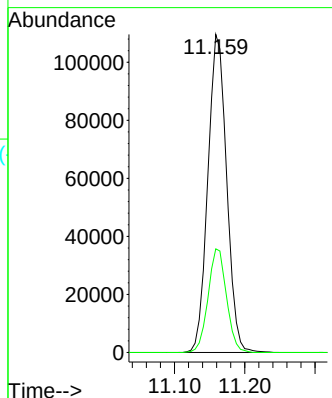
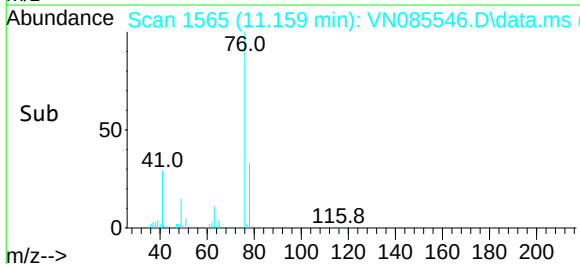
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 203386
Ion Ratio Lower Upper
76 100
78 31.9 25.6 38.4

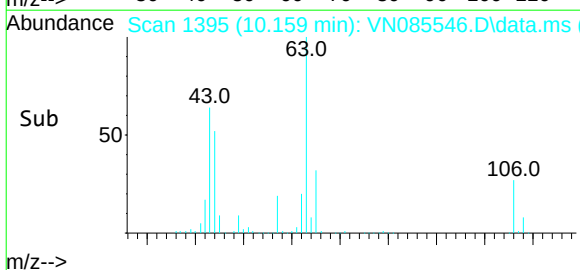
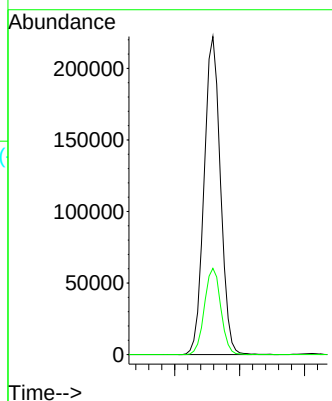
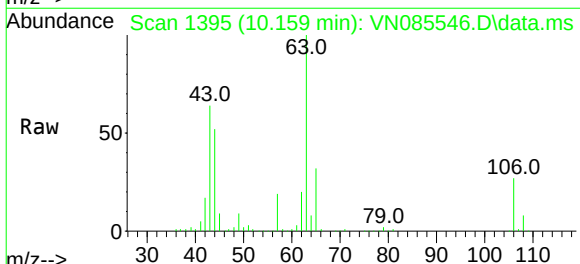
Manual Integrations
APPROVED

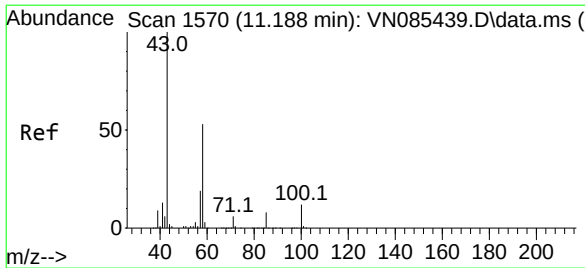
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#58
2-Chloroethyl Vinyl ether
Concen: 291.087 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Tgt Ion: 63 Resp: 389176
Ion Ratio Lower Upper
63 100
106 27.0 21.6 32.4





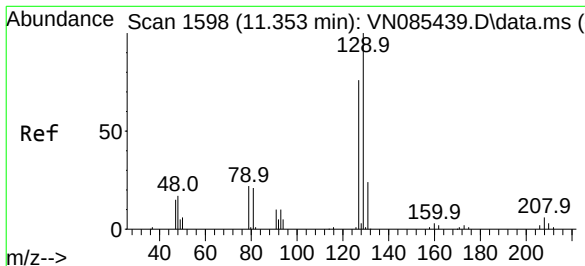
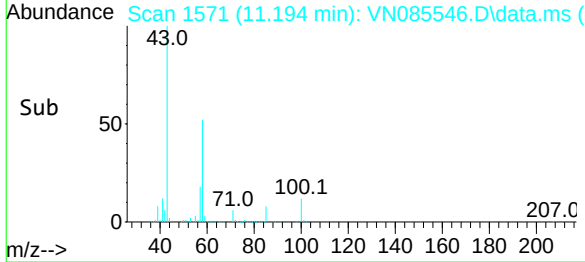
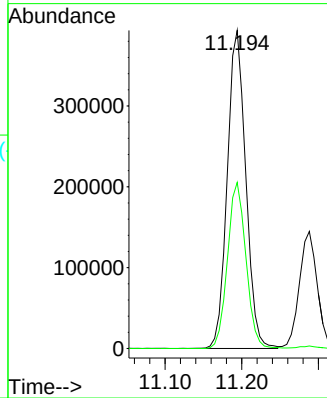
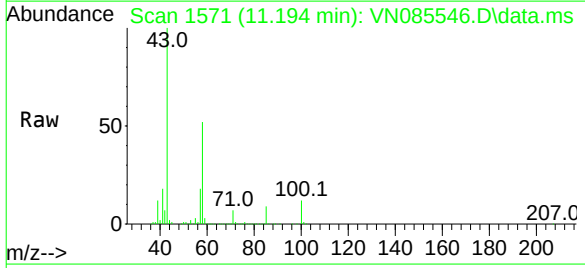
#59
2-Hexanone
Concen: 326.364 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 659035
Ion Ratio Lower Upper
43 100
58 52.0 26.2 78.6

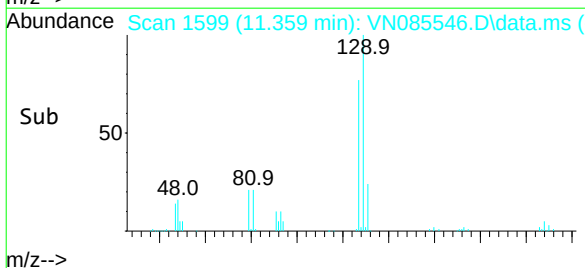
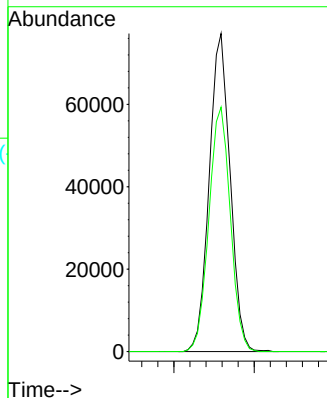
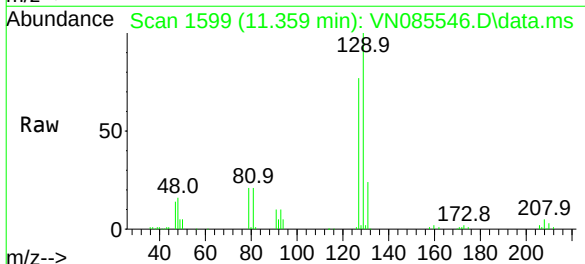
Manual Integrations
APPROVED

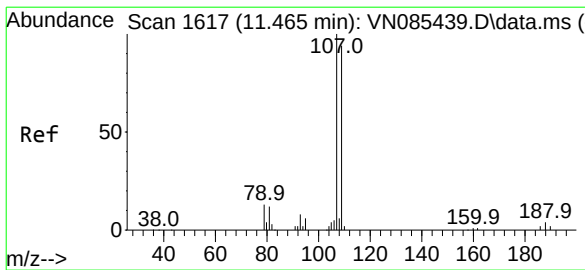
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#60
Dibromochloromethane
Concen: 54.855 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Tgt Ion:129 Resp: 139526
Ion Ratio Lower Upper
129 100
127 78.8 38.6 115.8





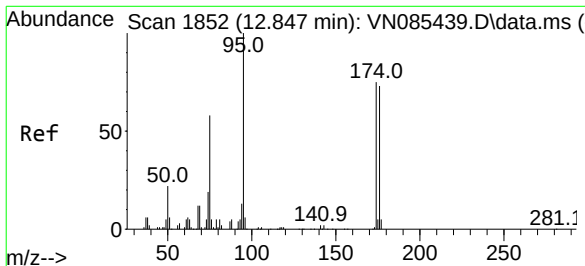
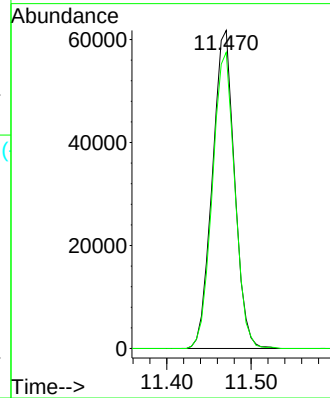
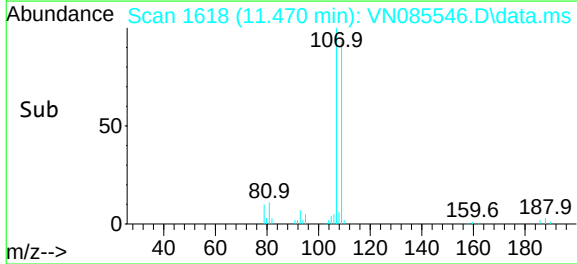
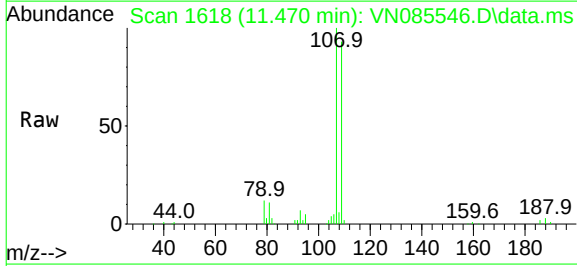
#61
1,2-Dibromoethane
Concen: 53.765 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 107 Resp: 112753
Ion Ratio Lower Upper
107 100
109 94.2 75.9 113.9

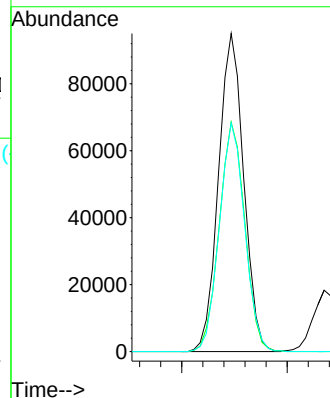
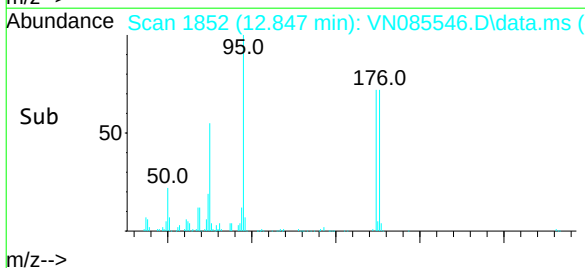
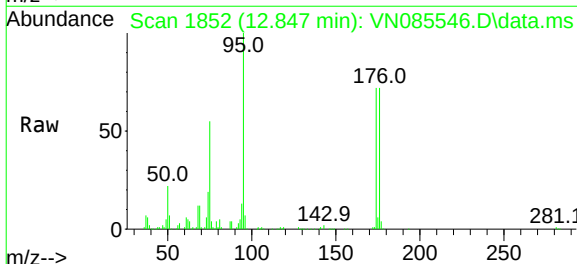
Manual Integrations
APPROVED

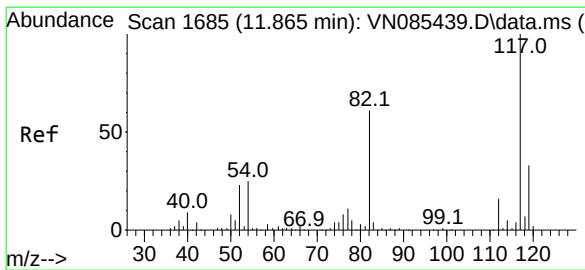
Reviewed By : John Carlone 01/29/2025
Supervised By : Semsettin Yesilyurt 01/29/2025



#62
4-Bromofluorobenzene
Concen: 59.614 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Tgt Ion: 95 Resp: 157860
Ion Ratio Lower Upper
95 100
174 73.2 0.0 145.0
176 72.3 0.0 142.4





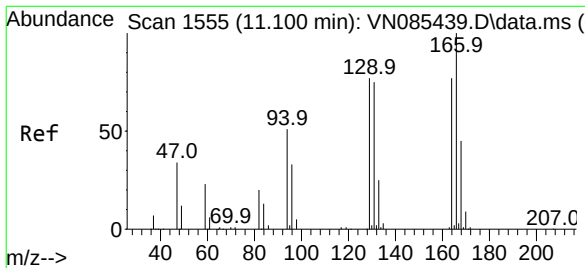
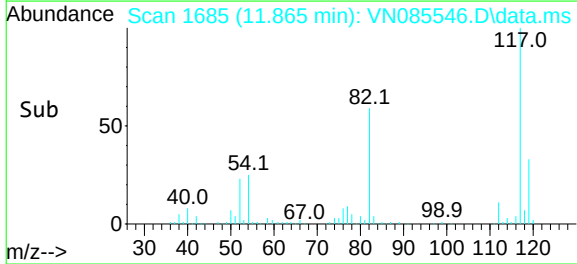
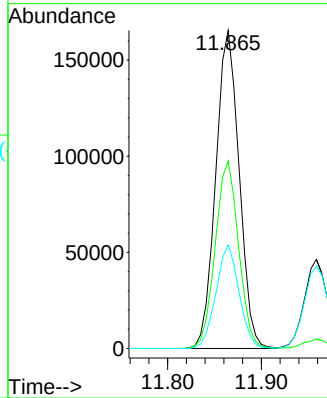
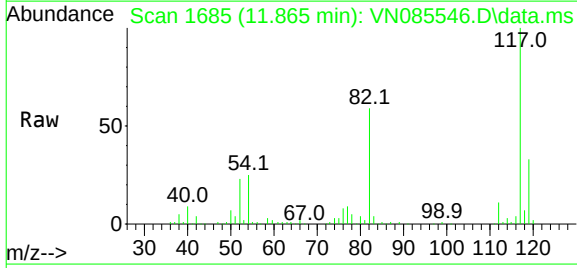
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 286739
Ion Ratio Lower Upper
117 100
82 59.0 48.6 72.8
119 32.6 26.6 39.8

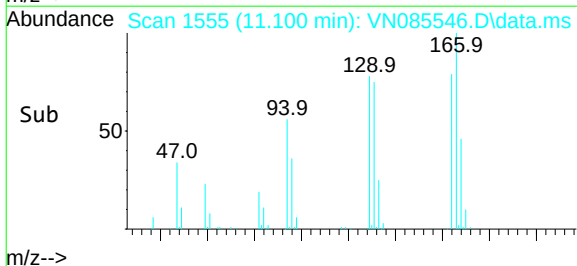
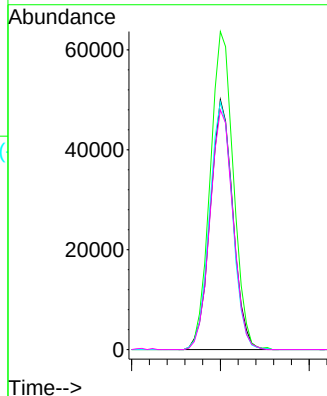
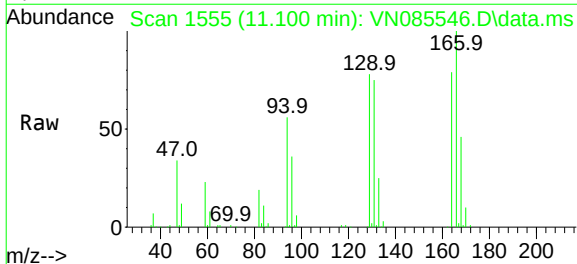
Manual Integrations
APPROVED

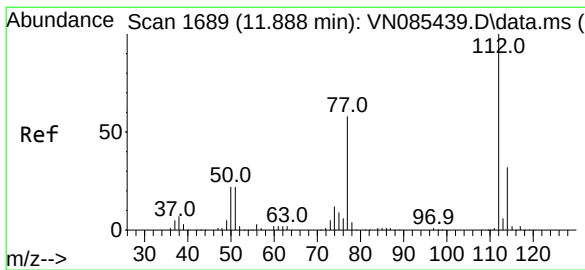
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#64
Tetrachloroethene
Concen: 45.330 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Tgt Ion:164 Resp: 88612
Ion Ratio Lower Upper
164 100
166 127.2 103.4 155.2
129 99.0 79.2 118.8
131 95.8 77.1 115.7





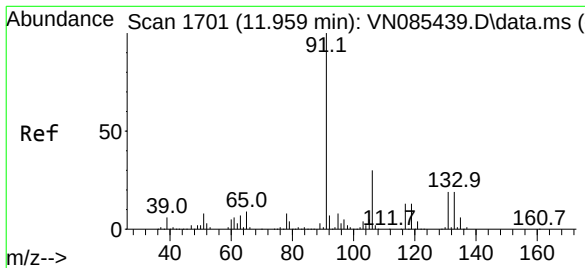
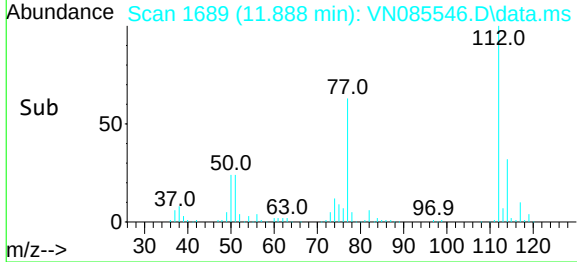
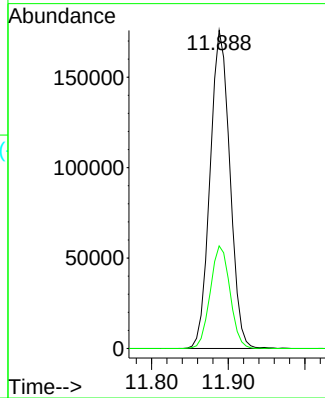
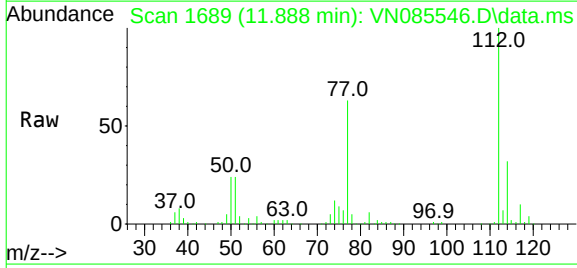
#65
Chlorobenzene
Concen: 50.289 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 315889
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9

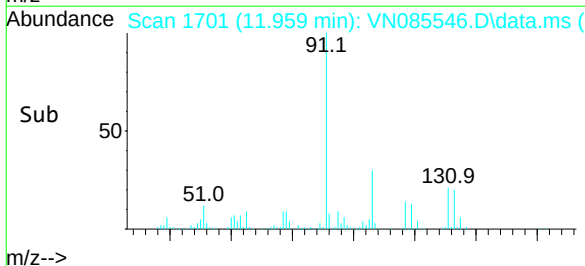
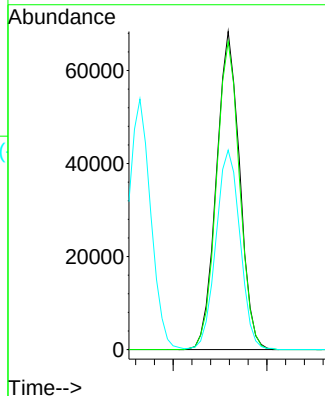
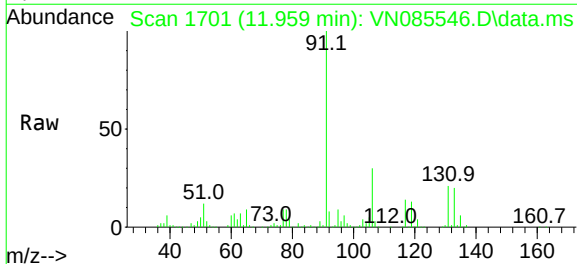
Manual Integrations
APPROVED

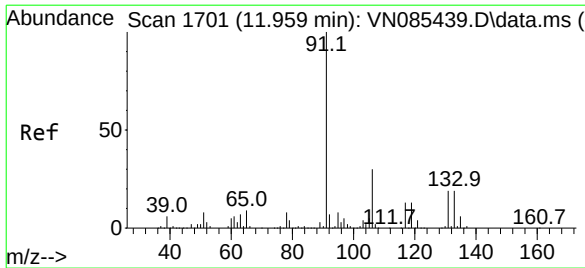
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 51.180 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

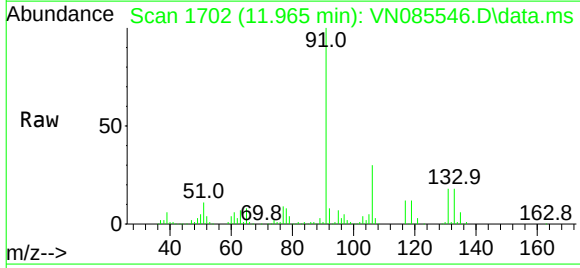
Tgt Ion:131 Resp: 117993
Ion Ratio Lower Upper
131 100
133 96.4 47.4 142.3
119 65.0 33.1 99.5





#67
Ethyl Benzene
Concen: 54.268 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

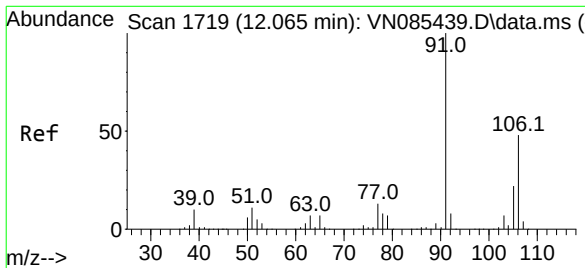
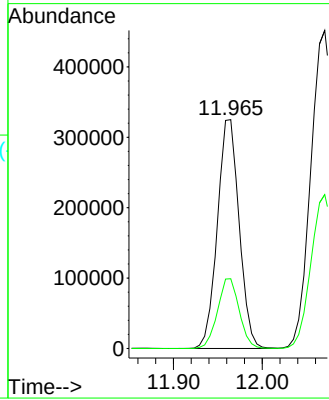
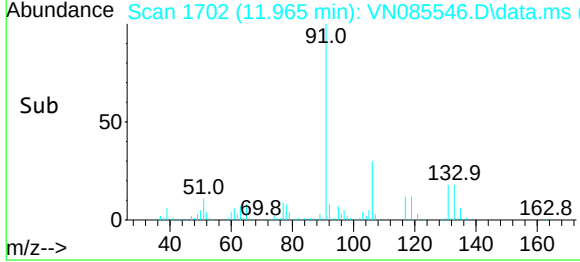
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 555215
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.8

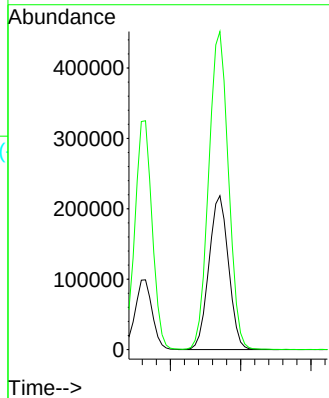
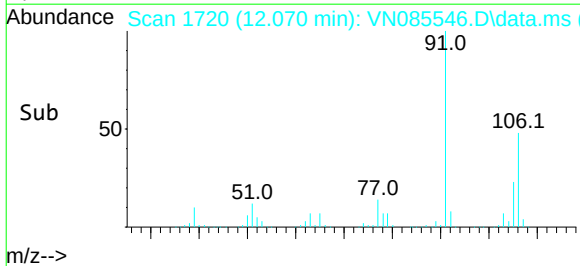
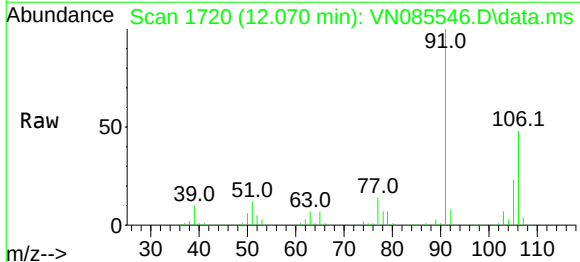
Manual Integrations
APPROVED

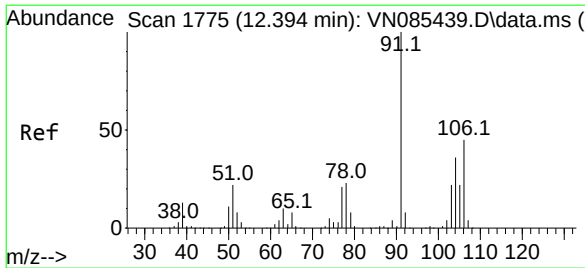
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#68
m/p-Xylenes
Concen: 111.987 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

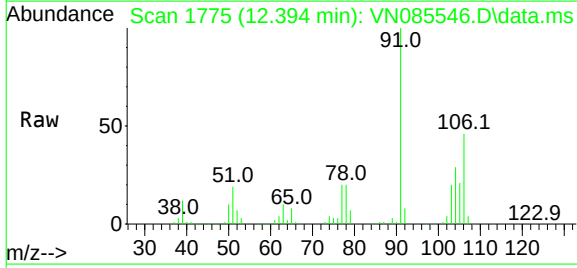
Tgt Ion:106 Resp: 423444
Ion Ratio Lower Upper
106 100
91 207.7 167.7 251.5





#69
o-Xylene
Concen: 55.313 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

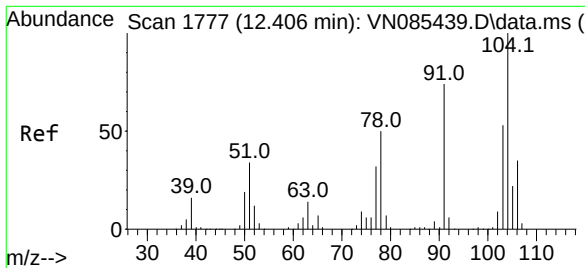
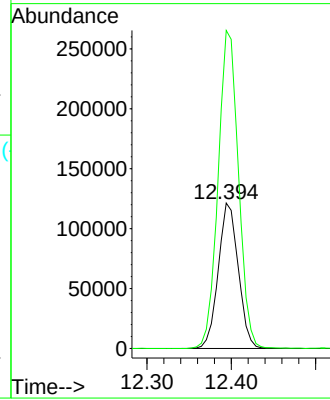
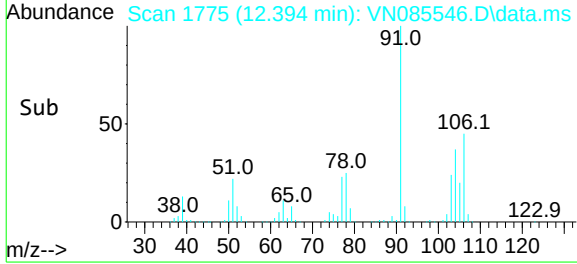
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 199877
Ion Ratio Lower Upper
106 100
91 222.8 110.4 331.2

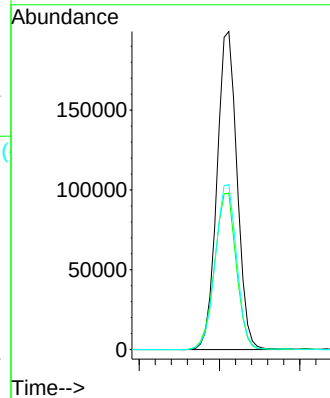
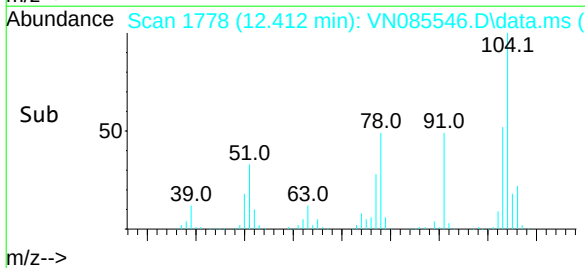
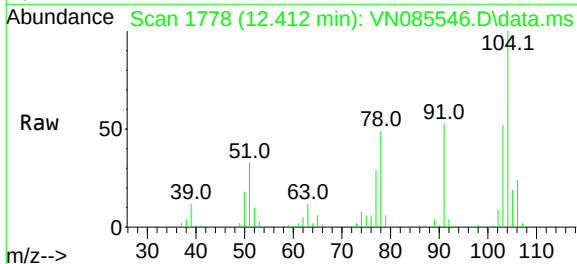
Manual Integrations
APPROVED

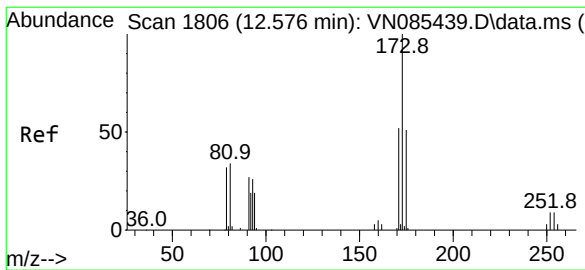
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#70
Styrene
Concen: 58.032 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Tgt Ion:104 Resp: 347052
Ion Ratio Lower Upper
104 100
78 53.0 42.5 63.7
103 55.1 43.8 65.8





#71

Bromoform

Concen: 55.980 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085546.D

Acq: 28 Jan 2025 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

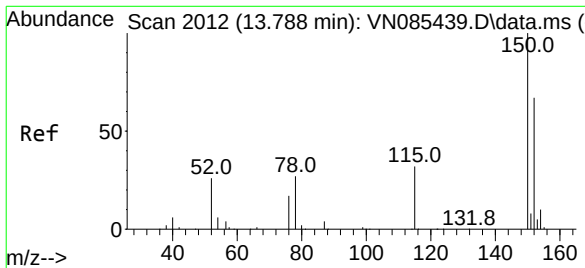
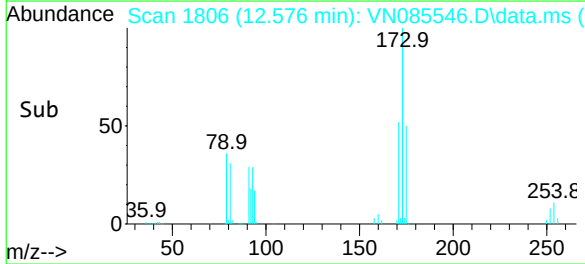
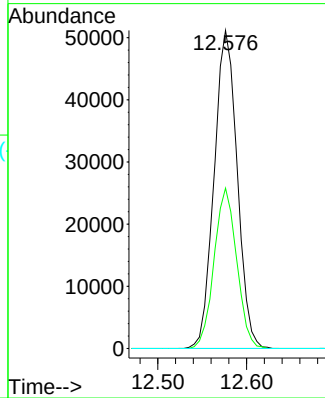
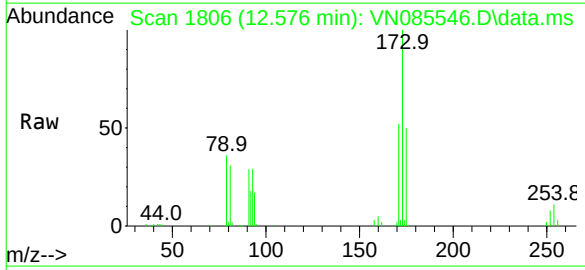
Tgt Ion:	173	Resp:	92343
Ion Ratio	Lower	Upper	
173	100		
175	49.3	24.4	73.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

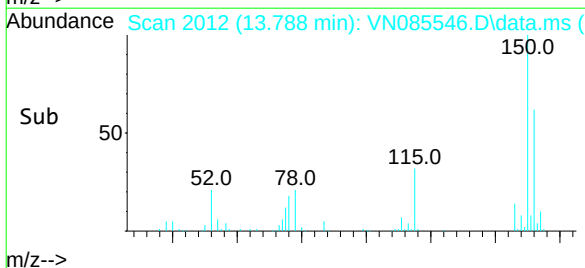
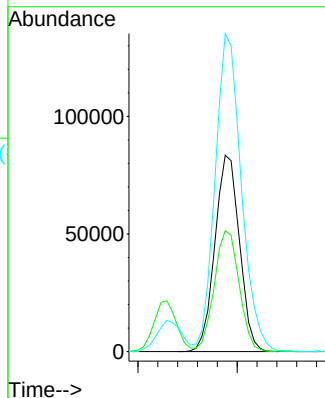
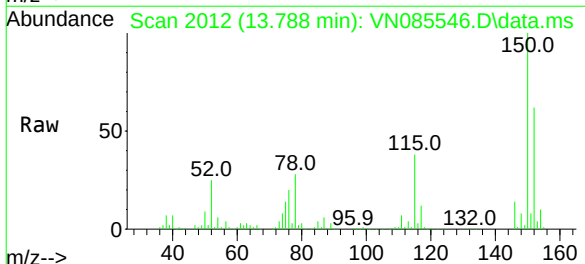
RT: 13.788 min Scan# 2012

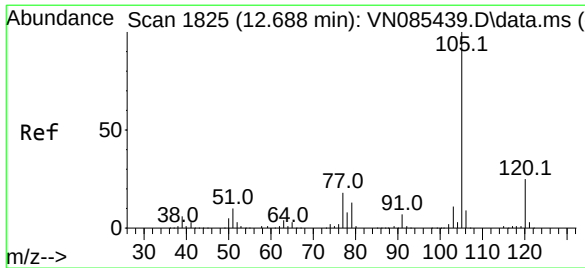
Delta R.T. -0.000 min

Lab File: VN085546.D

Acq: 28 Jan 2025 18:14

Tgt Ion:	152	Resp:	143565
Ion Ratio	Lower	Upper	
152	100		
115	62.2	31.1	93.3
150	173.3	0.0	343.6





#73

Isopropylbenzene

Concen: 53.526 ug/l

RT: 12.694 min Scan# 18

Delta R.T. 0.006 min

Lab File: VN085546.D

Acq: 28 Jan 2025 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 518634

Ion Ratio Lower Upper

105 100

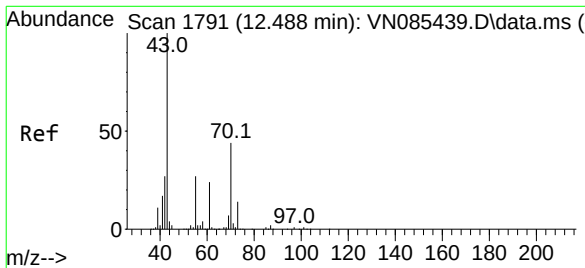
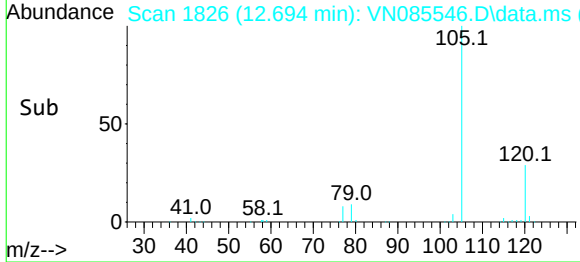
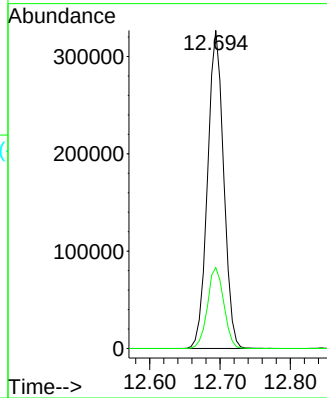
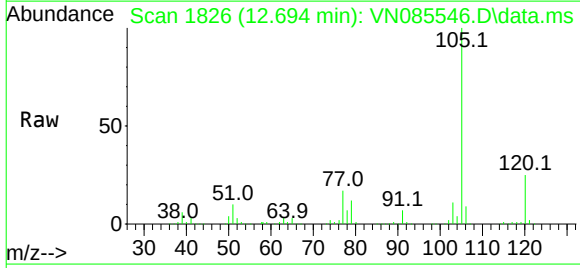
120 25.8 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#74

N-ethyl acetate

Concen: 56.051 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN085546.D

Acq: 28 Jan 2025 18:14

Tgt Ion: 43 Resp: 244112

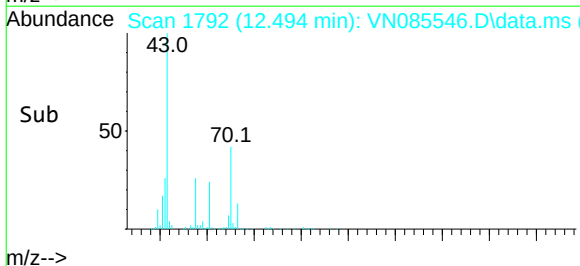
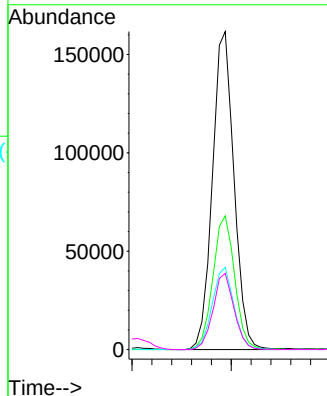
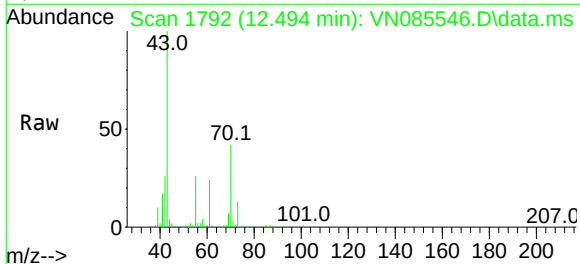
Ion Ratio Lower Upper

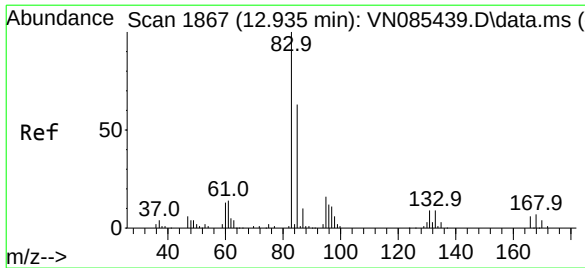
43 100

70 42.5 34.0 51.0

55 26.1 21.4 32.2

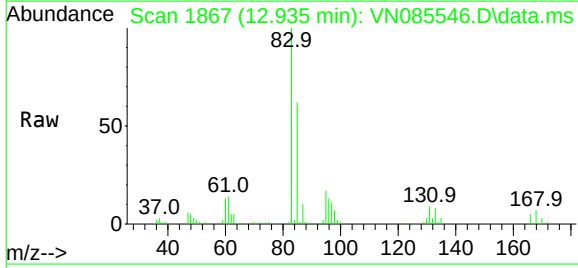
61 23.3 19.0 28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 51.507 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

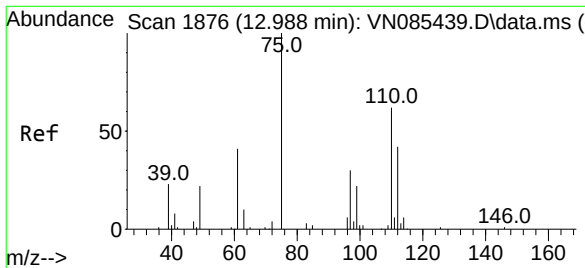
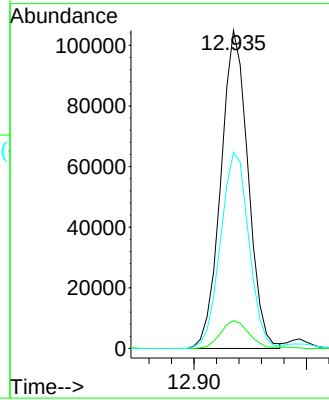
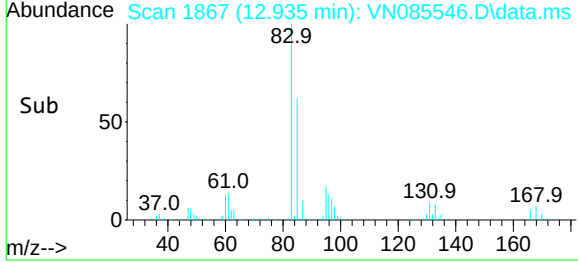
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 176292
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 64.2 32.2 96.6

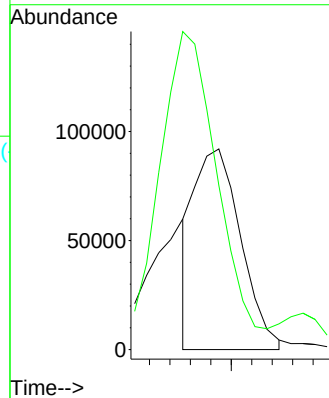
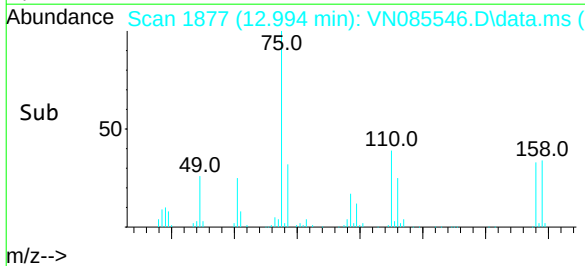
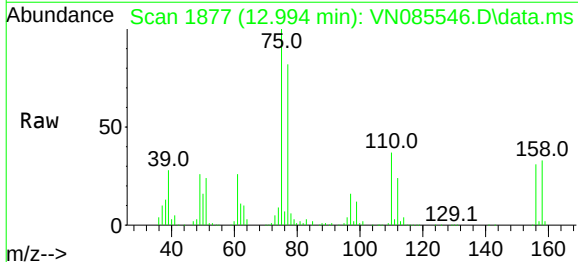
Manual Integrations
APPROVED

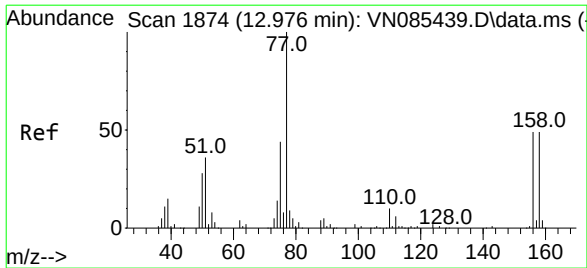
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#76
1,2,3-Trichloropropane
Concen: 49.995 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

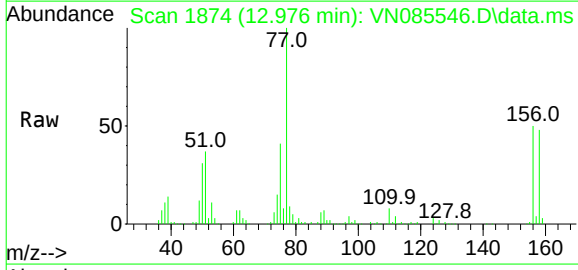
Tgt Ion: 75 Resp: 145886
Ion Ratio Lower Upper
75 100
77 199.3 109.7 329.2





#77
Bromobenzene
Concen: 50.181 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

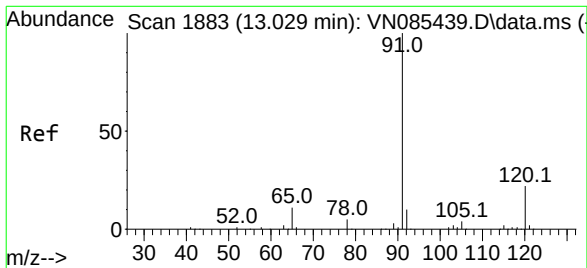
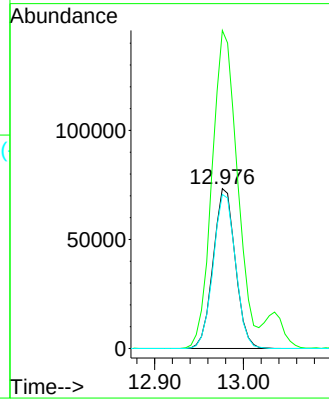
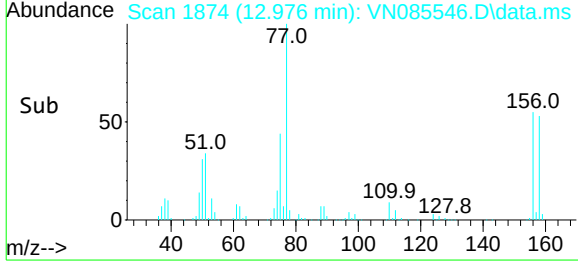
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 156 Resp: 127032
Ion Ratio Lower Upper
156 100
77 228.8 114.1 342.4
158 97.3 48.9 146.8

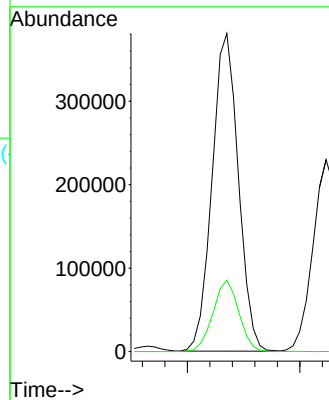
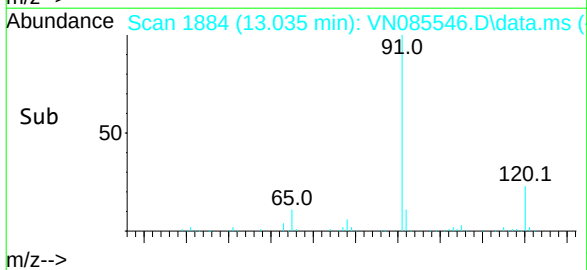
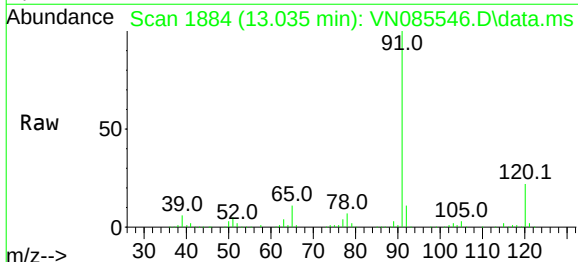
Manual Integrations
APPROVED

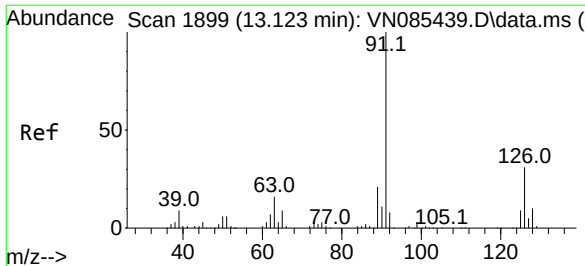
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#78
n-propylbenzene
Concen: 53.728 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Tgt Ion: 91 Resp: 616293
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.6





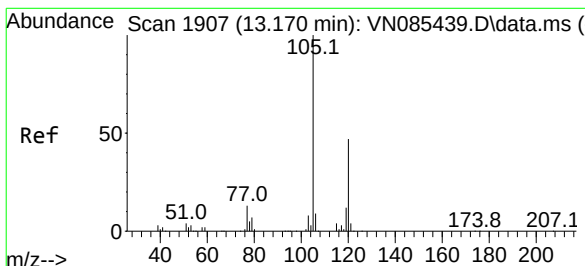
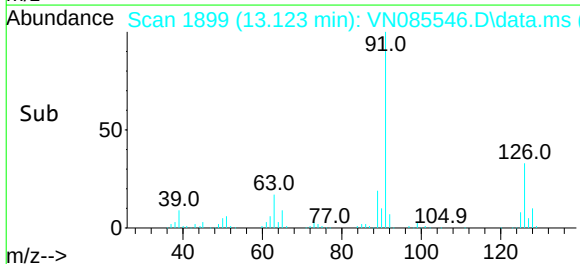
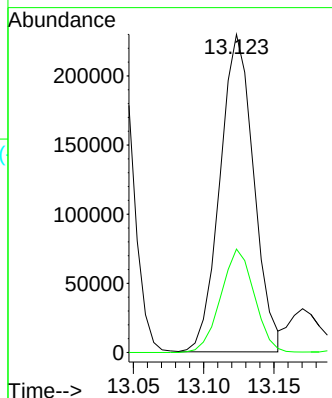
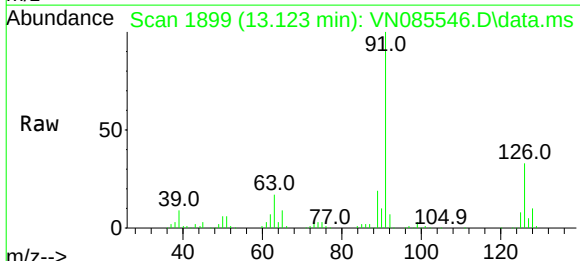
#79
2-Chlorotoluene
Concen: 51.776 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 384376
Ion Ratio Lower Upper
91 100
126 32.3 15.7 47.1

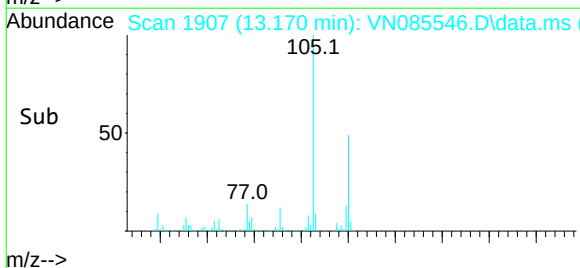
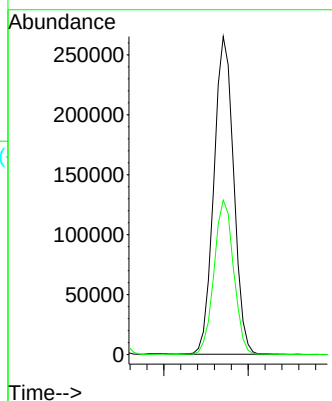
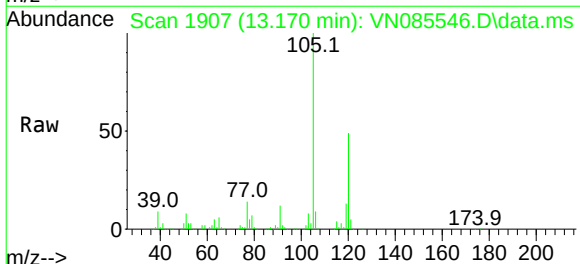
Manual Integrations
APPROVED

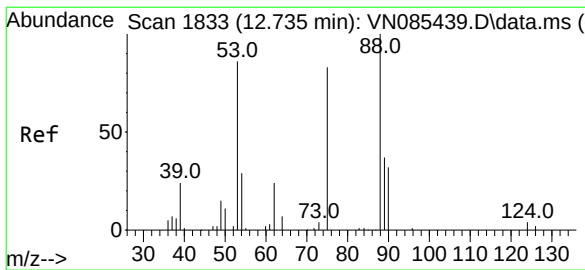
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 54.059 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Tgt Ion:105 Resp: 432662
Ion Ratio Lower Upper
105 100
120 48.3 23.9 71.7





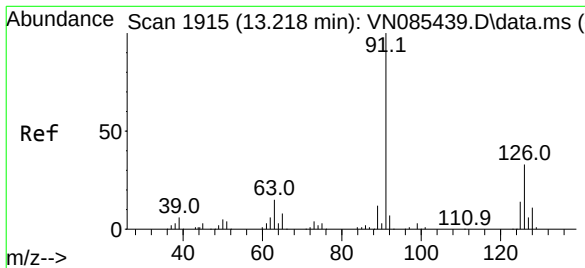
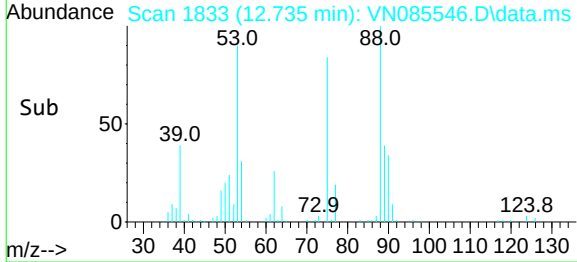
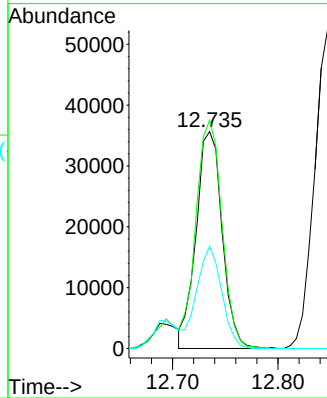
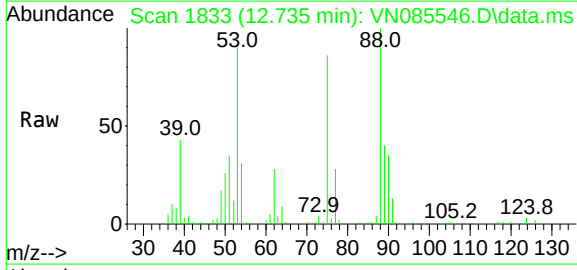
#81
trans-1,4-Dichloro-2-butene
Concen: 56.880 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 61346
Ion Ratio Lower Upper
75 100
53 105.0 95.6 143.4
89 45.8 37.0 55.6

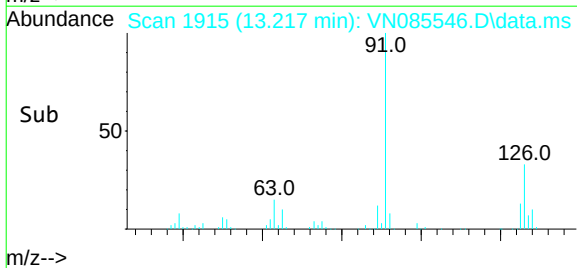
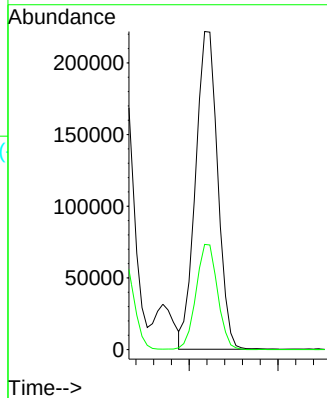
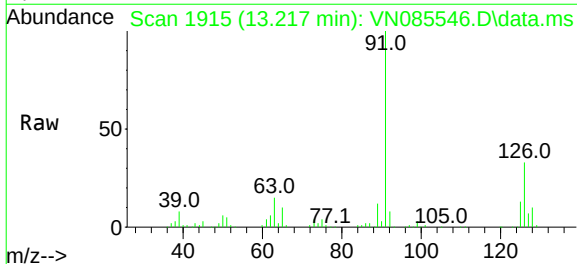
Manual Integrations
APPROVED

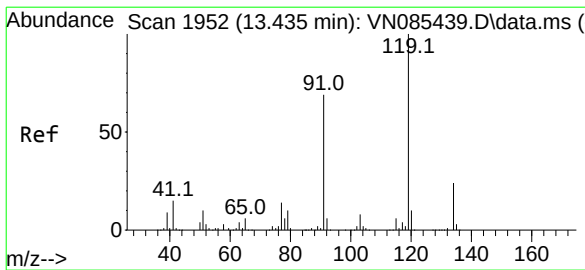
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#82
4-Chlorotoluene
Concen: 51.917 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Tgt Ion: 91 Resp: 383756
Ion Ratio Lower Upper
91 100
126 32.3 15.9 47.7





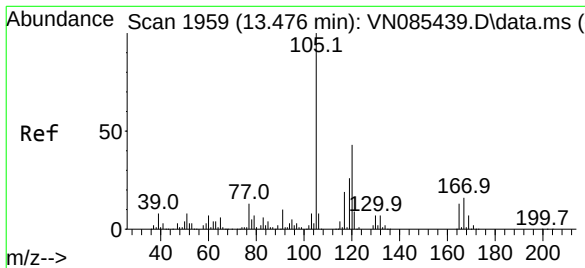
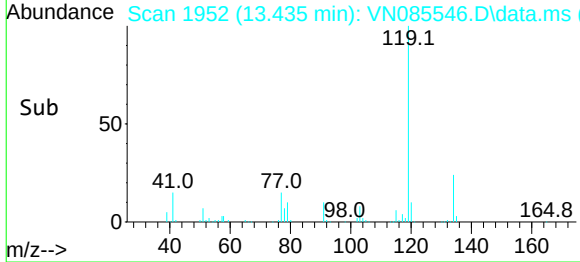
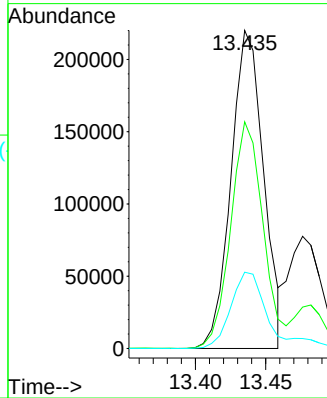
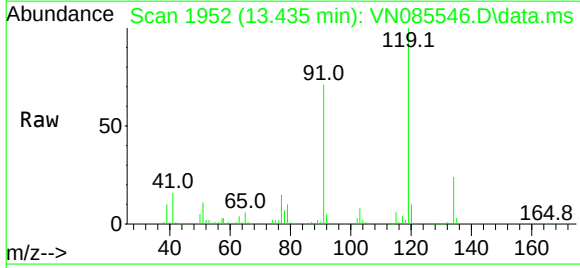
#83
tert-Butylbenzene
Concen: 52.772 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 354690
Ion Ratio Lower Upper
119 100
91 71.2 35.1 105.3
134 27.6 12.0 36.1

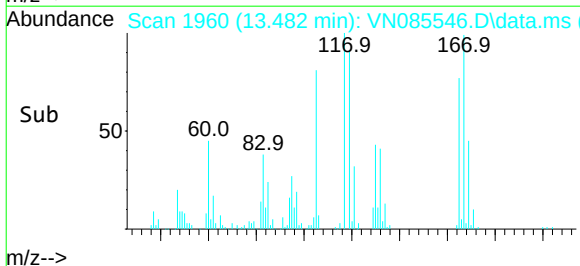
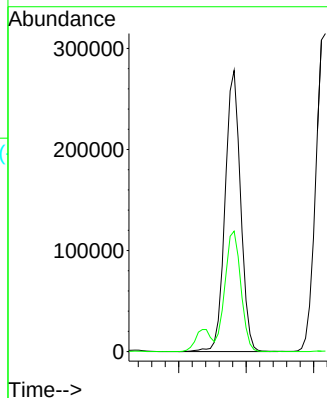
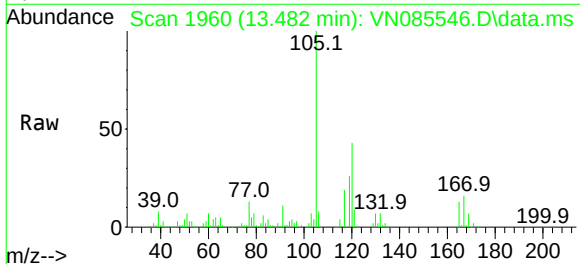
Manual Integrations
APPROVED

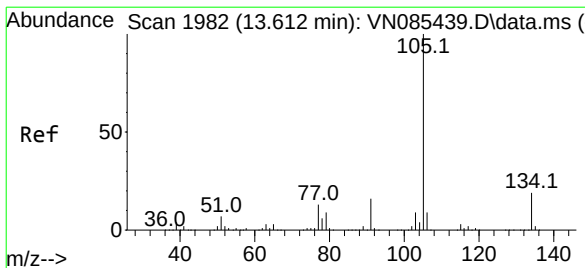
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#84
1,2,4-Trimethylbenzene
Concen: 55.598 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Tgt Ion:105 Resp: 443501
Ion Ratio Lower Upper
105 100
120 44.0 21.6 65.0





#85

sec-Butylbenzene

Concen: 54.205 ug/l

RT: 13.617 min Scan# 19

Delta R.T. 0.005 min

Lab File: VN085546.D

Acq: 28 Jan 2025 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 504931

Ion Ratio Lower Upper

105 100

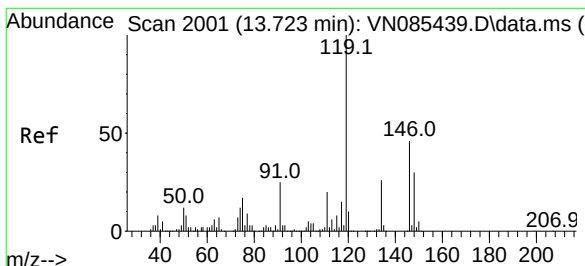
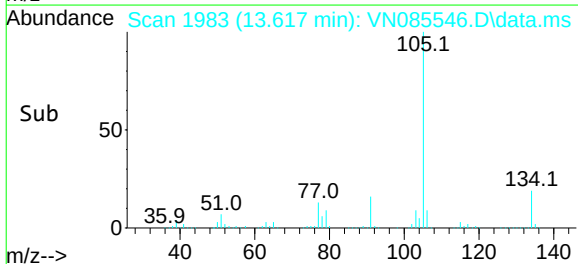
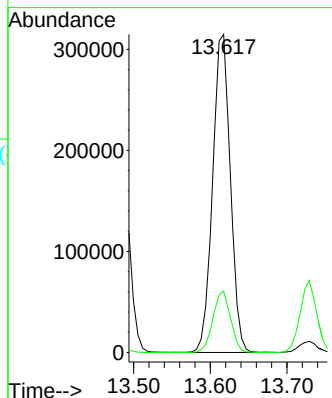
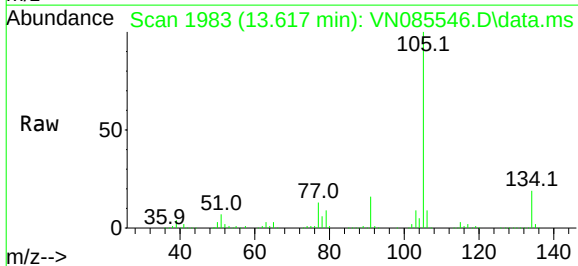
134 19.1 9.7 28.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#86

p-Isopropyltoluene

Concen: 50.325 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN085546.D

Acq: 28 Jan 2025 18:14

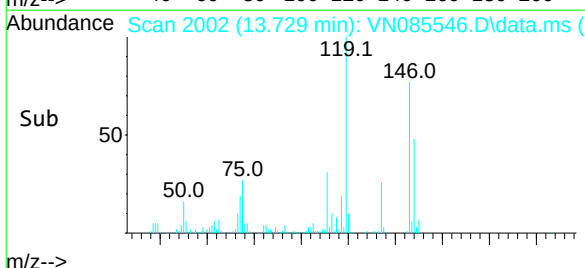
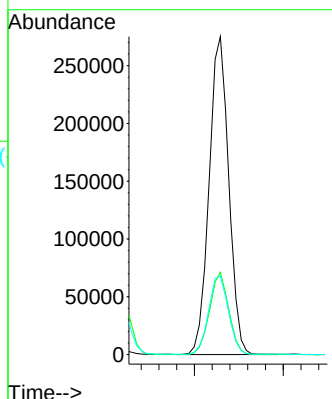
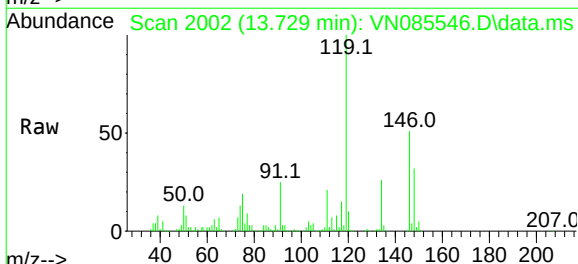
Tgt Ion:119 Resp: 422476

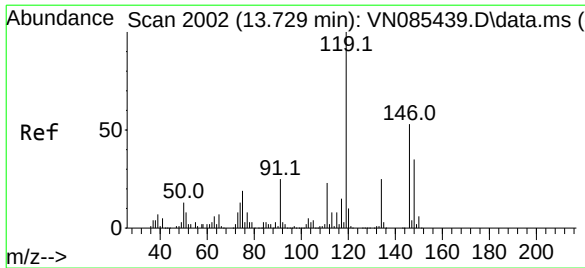
Ion Ratio Lower Upper

119 100

134 25.2 12.7 38.0

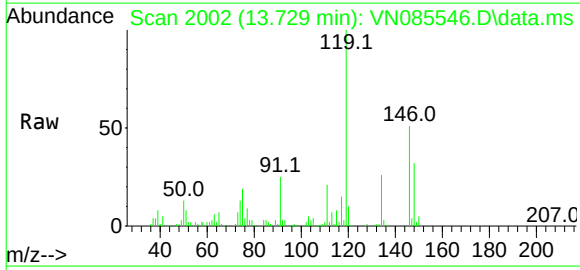
91 25.0 12.7 38.1





#87
1,3-Dichlorobenzene
Concen: 50.068 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

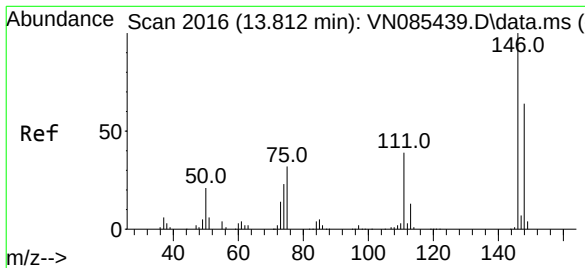
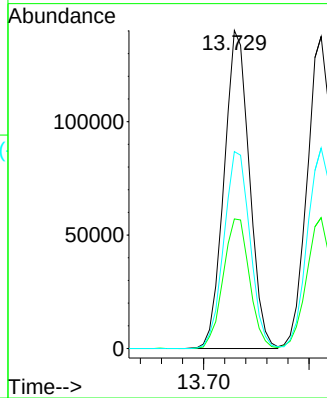
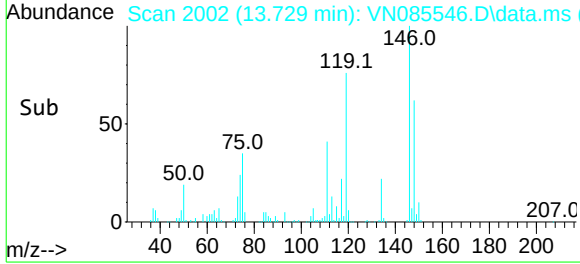
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 233419
Ion Ratio Lower Upper
146 100
111 42.4 21.4 64.3
148 64.2 32.3 96.9

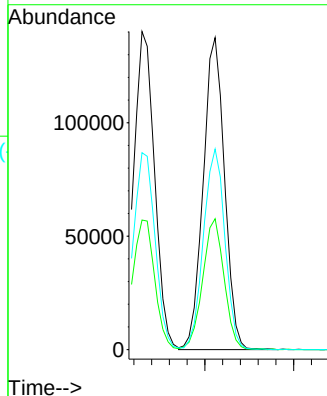
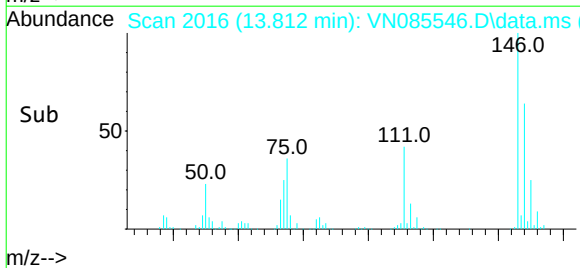
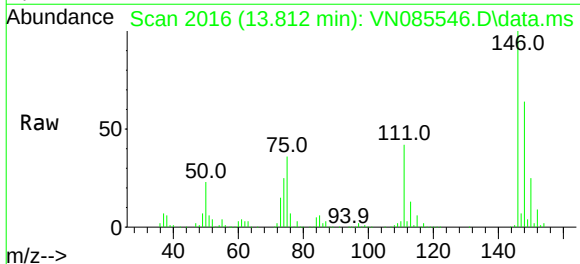
Manual Integrations
APPROVED

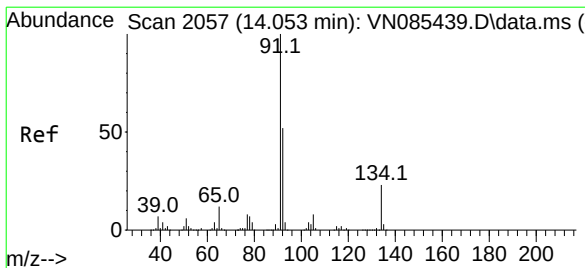
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#88
1,4-Dichlorobenzene
Concen: 47.539 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Tgt Ion:146 Resp: 229722
Ion Ratio Lower Upper
146 100
111 42.1 21.3 63.7
148 64.8 32.4 97.0





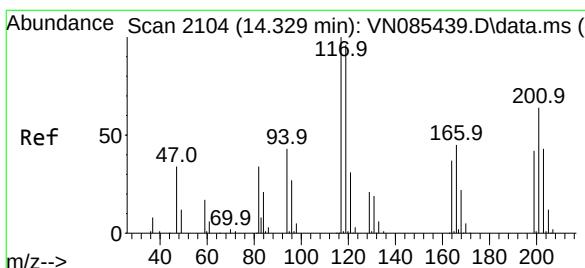
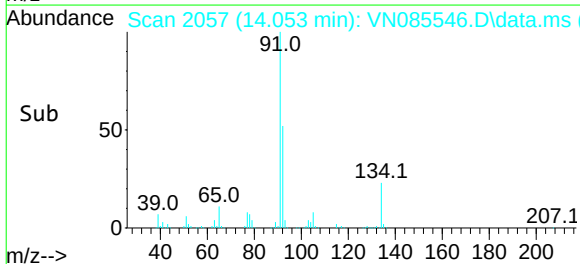
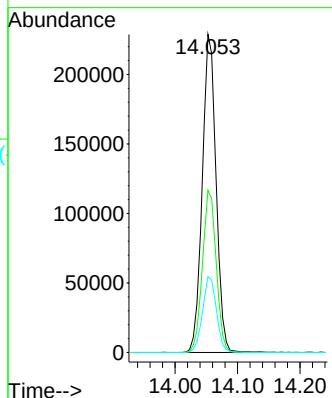
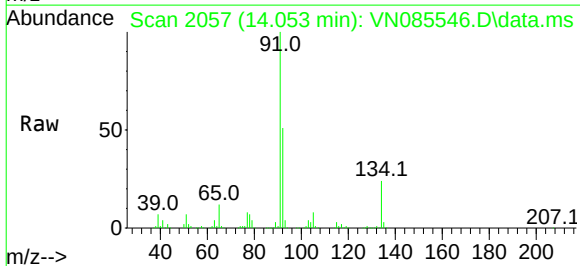
#89
n-Butylbenzene
Concen: 52.557 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.9	25.8	77.3
134	24.0	11.7	35.1

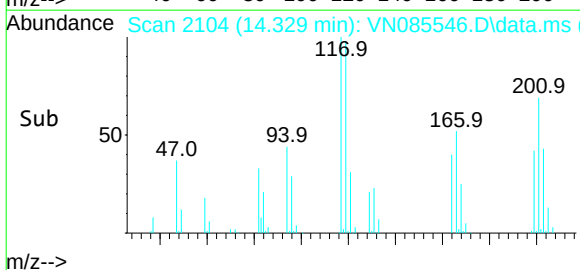
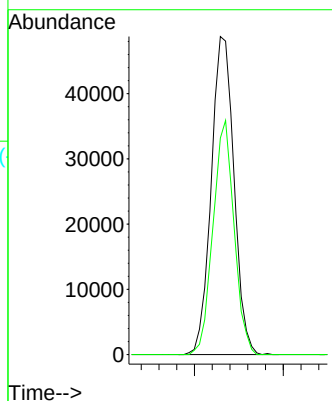
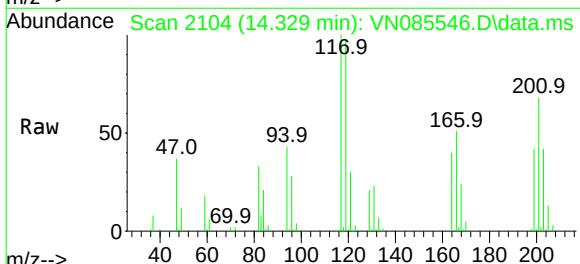
Manual Integrations
APPROVED

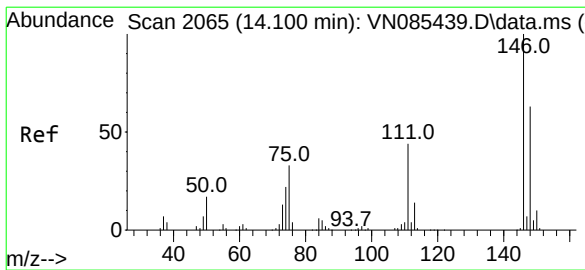
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#90
Hexachloroethane
Concen: 48.917 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

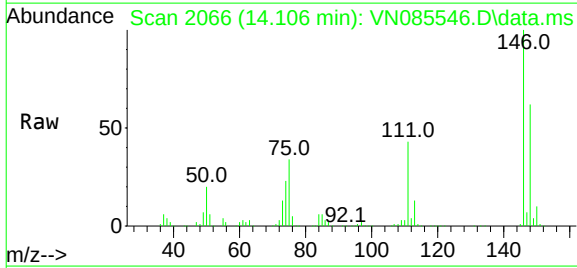
Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.1	33.7	101.0





#91
1,2-Dichlorobenzene
Concen: 49.142 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

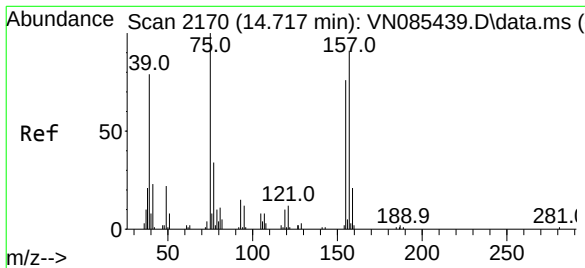
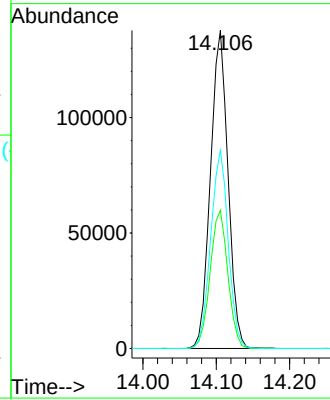
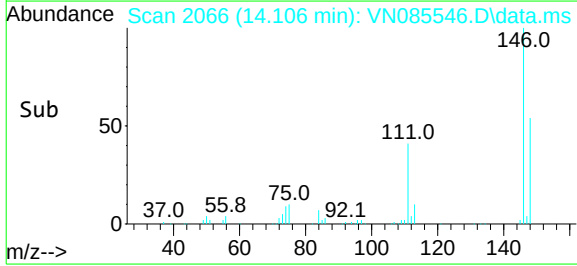
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 228524
Ion Ratio Lower Upper
146 100
111 43.9 21.7 65.1
148 62.5 31.4 94.2

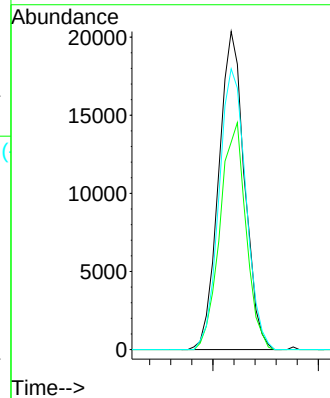
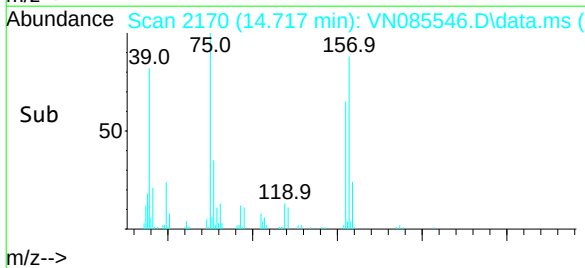
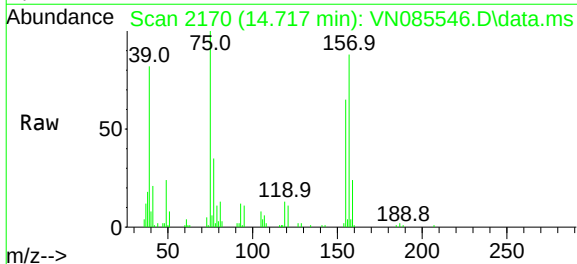
Manual Integrations
APPROVED

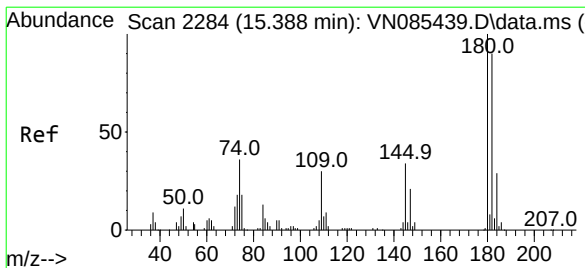
Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.439 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085546.D
Acq: 28 Jan 2025 18:14

Tgt Ion: 75 Resp: 34650
Ion Ratio Lower Upper
75 100
155 71.7 36.4 109.2
157 91.5 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 50.399 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN085546.D

Acq: 28 Jan 2025 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 108928

Ion Ratio Lower Upper

180 100

182 92.9 46.8 140.3

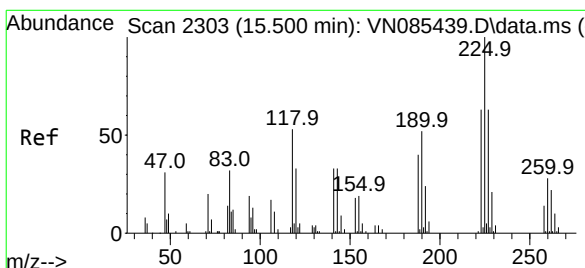
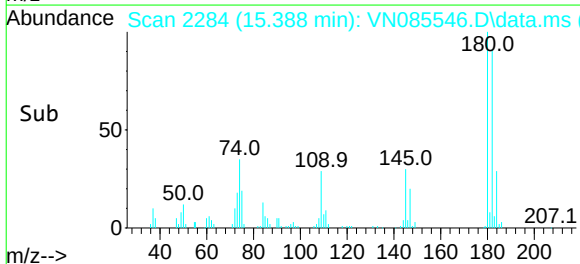
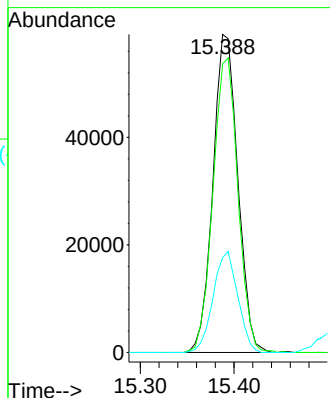
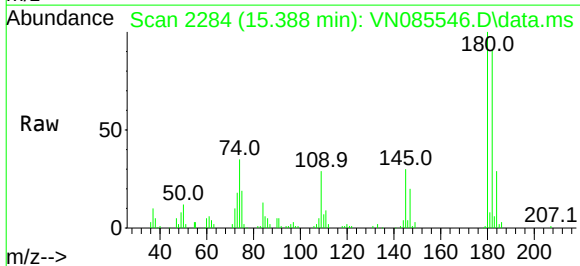
145 31.5 16.0 48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#94

Hexachlorobutadiene

Concen: 43.430 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN085546.D

Acq: 28 Jan 2025 18:14

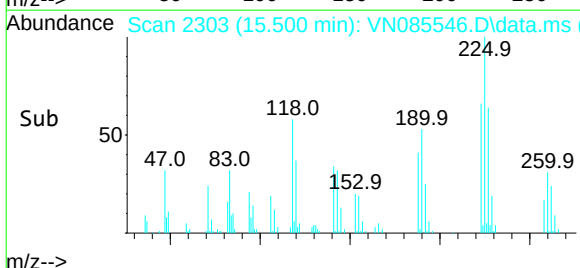
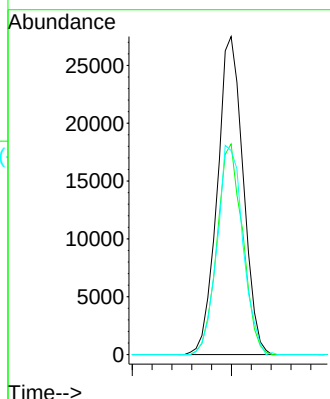
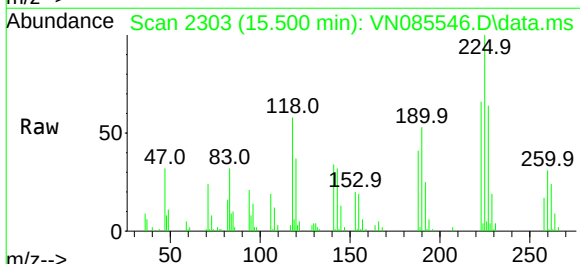
Tgt Ion:225 Resp: 49834

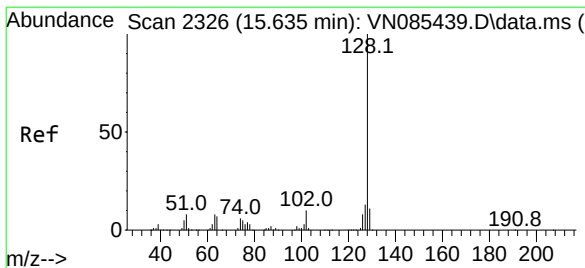
Ion Ratio Lower Upper

225 100

223 65.2 30.7 92.1

227 65.8 30.9 92.5





#95

Naphthalene

Concen: 53.141 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN085546.D

Acq: 28 Jan 2025 18:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

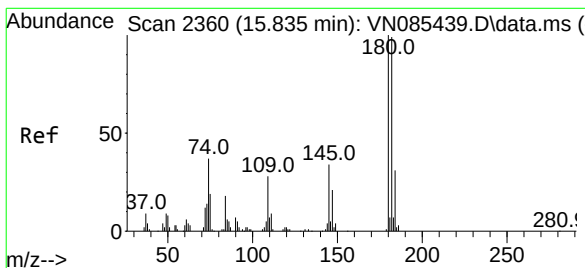
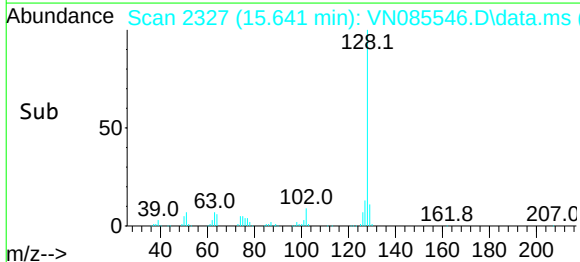
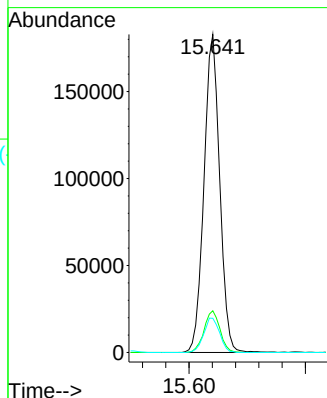
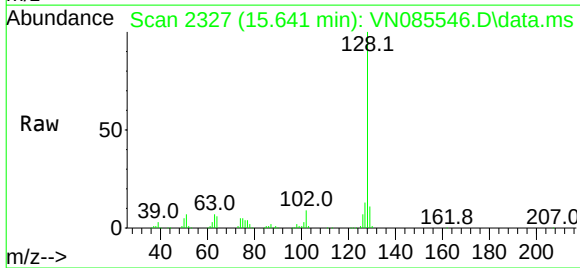
Tgt Ion:	128	Resp:	342729
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	16.0
129	11.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#96

1,2,3-Trichlorobenzene

Concen: 49.210 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085546.D

Acq: 28 Jan 2025 18:14

Tgt Ion:	180	Resp:	107618
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.4	142.2
145	34.4	16.9	50.7

