

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013025\
 Data File : VN085585.D
 Acq On : 30 Jan 2025 17:30
 Operator : JC\MD
 Sample : VN0130MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130MBS01

Manual Integrations
 APPROVED

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

Quant Time: Jan 31 02:37:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	189222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	329193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	288555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	140777	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	140094	45.866	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.740%
35) Dibromofluoromethane	8.165	113	103969	45.525	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.040%
50) Toluene-d8	10.565	98	370488	45.659	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.320%
62) 4-Bromofluorobenzene	12.847	95	125107	45.072	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.140%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	40879	15.956	ug/l	98
3) Chloromethane	2.359	50	43862	15.812	ug/l	100
4) Vinyl Chloride	2.512	62	45355	16.267	ug/l	94
5) Bromomethane	2.959	94	28357	16.837	ug/l	96
6) Chloroethane	3.124	64	32486	18.378	ug/l	96
7) Trichlorofluoromethane	3.500	101	72314	17.875	ug/l	95
8) Diethyl Ether	3.959	74	23579	16.871	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	41067	18.022	ug/l	99
10) Methyl Iodide	4.589	142	45576	17.466	ug/l	99
11) Tert butyl alcohol	5.512	59	36142	103.336	ug/l	100
12) 1,1-Dichloroethene	4.336	96	35508	17.485	ug/l	96
13) Acrolein	4.183	56	29833	62.485	ug/l	94
14) Allyl chloride	5.018	41	54342	16.491	ug/l	98
15) Acrylonitrile	5.718	53	111678	100.527	ug/l	99
16) Acetone	4.424	43	100336	101.666	ug/l	92
17) Carbon Disulfide	4.712	76	87908	14.059	ug/l	100
18) Methyl Acetate	5.018	43	64971	21.650	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	125786	19.075	ug/l	99
20) Methylene Chloride	5.277	84	44886	18.372	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	37693	17.367	ug/l	98
22) Diisopropyl ether	6.665	45	143434	19.610	ug/l	97
23) Vinyl Acetate	6.600	43	484032	94.562	ug/l	99
24) 1,1-Dichloroethane	6.571	63	82310	18.456	ug/l	98
25) 2-Butanone	7.483	43	146770	101.058	ug/l	96
26) 2,2-Dichloropropane	7.488	77	71952	19.955	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	47258	18.487	ug/l	98
28) Bromochloromethane	7.812	49	36796	17.734	ug/l	100
29) Tetrahydrofuran	7.835	42	93935	102.016	ug/l	98
30) Chloroform	7.965	83	89683	19.456	ug/l	99
31) Cyclohexane	8.253	56	62021	16.000	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	76411	18.898	ug/l	97
36) 1,1-Dichloropropene	8.371	75	53326	16.637	ug/l	99
37) Ethyl Acetate	7.559	43	62608	19.352	ug/l	98
38) Carbon Tetrachloride	8.359	117	66080	18.008	ug/l	96
39) Methylcyclohexane	9.600	83	46078	15.298	ug/l	93
40) Benzene	8.600	78	176016	18.276	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	31264	18.574	ug/l	99
42) 1,2-Dichloroethane	8.671	62	68265	18.820	ug/l	100
43) Isopropyl Acetate	8.682	43	105500	20.351	ug/l	97
44) Trichloroethene	9.353	130	38893	17.349	ug/l	95
45) 1,2-Dichloropropane	9.618	63	45479	18.488	ug/l	98
46) Dibromomethane	9.706	93	33251	18.733	ug/l	98
47) Bromodichloromethane	9.882	83	70008	19.359	ug/l	96
48) Methyl methacrylate	9.677	41	46198	19.803	ug/l	98
49) 1,4-Dioxane	9.694	88	15647	398.286	ug/l #	91
51) 4-Methyl-2-Pentanone	10.441	43	316182	105.107	ug/l	100
52) Toluene	10.629	92	105092	18.833	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	65074	19.042	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	69024	18.909	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	43454	19.677	ug/l	97
56) Ethyl methacrylate	10.871	69	60890	17.667	ug/l	97
57) 1,3-Dichloropropane	11.159	76	72741	18.943	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	115392	82.339	ug/l	97
59) 2-Hexanone	11.194	43	228237	107.829	ug/l	98
60) Dibromochloromethane	11.359	129	51351	19.260	ug/l	98
61) 1,2-Dibromoethane	11.471	107	40907	18.609	ug/l	100
64) Tetrachloroethene	11.100	164	35708	18.152	ug/l	91
65) Chlorobenzene	11.888	112	115300	18.240	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	43893	18.919	ug/l	99
67) Ethyl Benzene	11.965	91	185989	18.065	ug/l	99
68) m/p-Xylenes	12.071	106	142533	37.458	ug/l	99
69) o-Xylene	12.394	106	67251	18.494	ug/l	99
70) Styrene	12.412	104	114673	19.054	ug/l	99
71) Bromoform	12.576	173	34117	20.552	ug/l #	100
73) Isopropylbenzene	12.694	105	171738	18.075	ug/l	99
74) N-amyl acetate	12.494	43	82330	19.278	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	63942	19.052	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	55079m	19.249	ug/l	
77) Bromobenzene	12.976	156	45331	18.261	ug/l	99
78) n-propylbenzene	13.035	91	208840	18.567	ug/l	100
79) 2-Chlorotoluene	13.123	91	132421	18.191	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	147515	18.796	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	20643	19.519	ug/l	92
82) 4-Chlorotoluene	13.217	91	134495	18.556	ug/l	99
83) tert-Butylbenzene	13.435	119	117702	17.859	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	146239	18.696	ug/l	98
85) sec-Butylbenzene	13.612	105	169819	18.591	ug/l	100
86) p-Isopropyltoluene	13.729	119	135122	17.853	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	83343	18.231	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	80834	17.059	ug/l	99
89) n-Butylbenzene	14.059	91	108350	16.534	ug/l	99
90) Hexachloroethane	14.335	117	31566	18.153	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	80488	17.651	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11992	19.567	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	33508	15.811	ug/l	97
94) Hexachlorobutadiene	15.500	225	17797	15.817	ug/l	95
95) Naphthalene	15.641	128	96630	15.279	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	35523	16.565	ug/l	98

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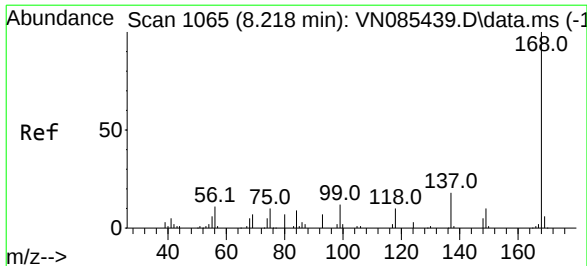
Manual Integrations
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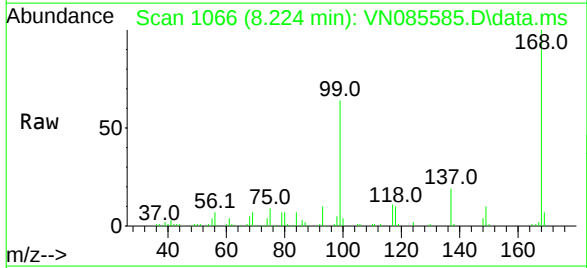
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = 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: VN085585.D
Acq: 30 Jan 2025 17:30

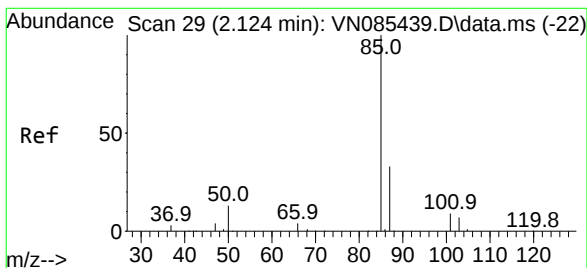
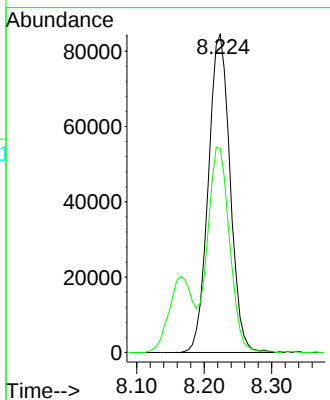
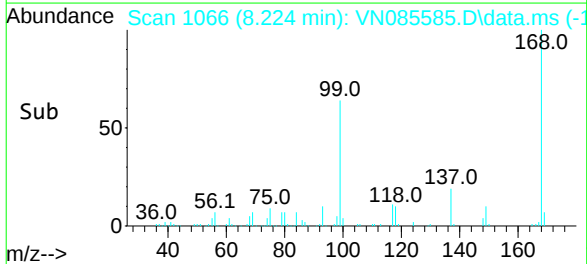
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01



Tgt Ion: 168 Resp: 189222
Ion Ratio Lower Upper
168 100
99 64.1 53.6 80.4

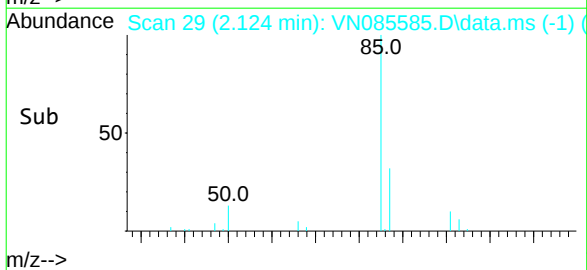
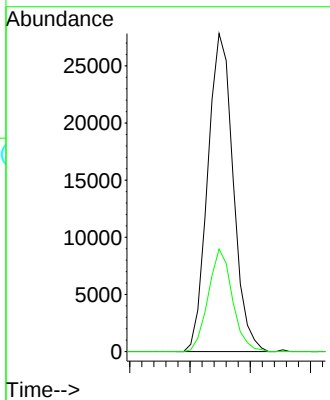
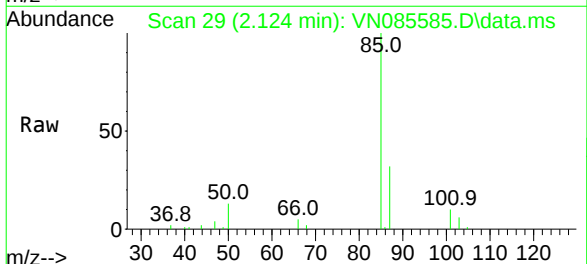
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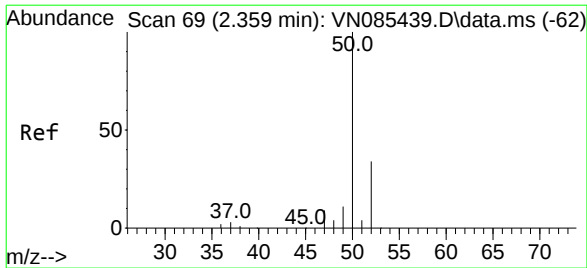
Reviewed By : John Carlone 01/31/2025
Supervised By : Semsettin Yesilyurt 01/31/2025



#2
Dichlorodifluoromethane
Concen: 15.956 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

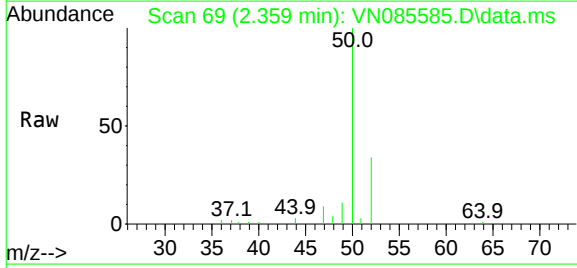
Tgt Ion: 85 Resp: 40879
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.1





#3
Chloromethane
Concen: 15.812 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

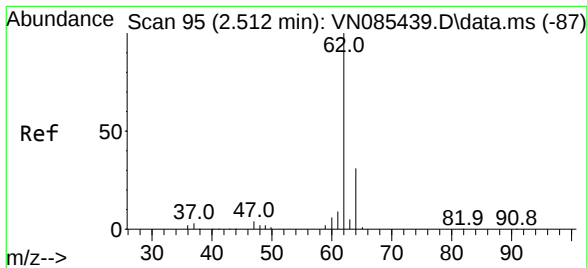
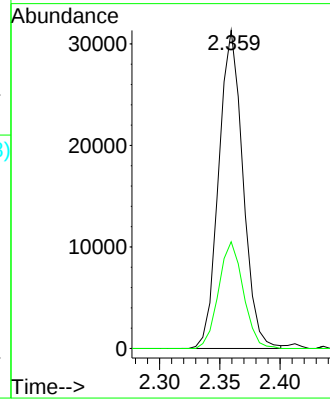
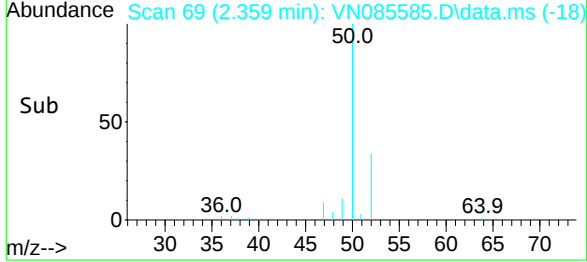
Instrument :
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ClientSampleId :
VN0130MBS01



Tgt Ion: 50 Resp: 43862
Ion Ratio Lower Upper
50 100
52 33.5 27.0 40.6

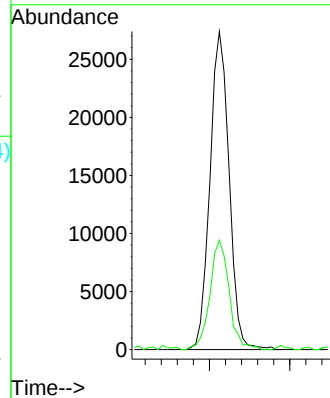
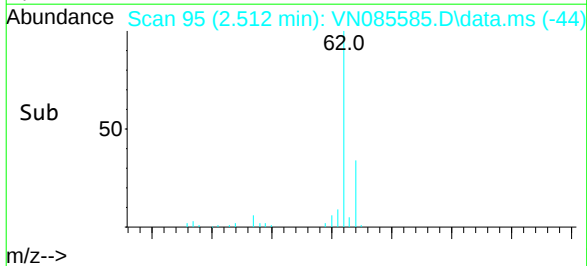
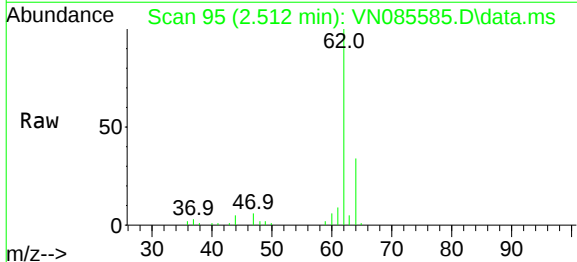
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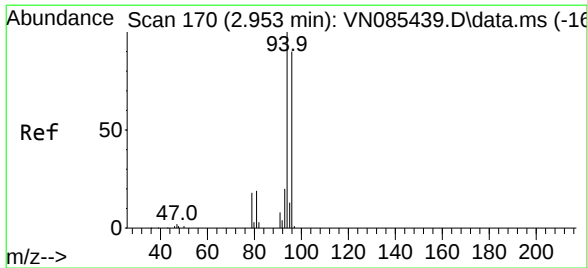
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#4
Vinyl Chloride
Concen: 16.267 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

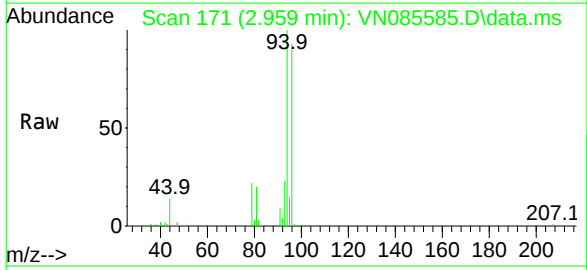
Tgt Ion: 62 Resp: 45355
Ion Ratio Lower Upper
62 100
64 34.4 24.8 37.2





#5
Bromomethane
Concen: 16.837 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

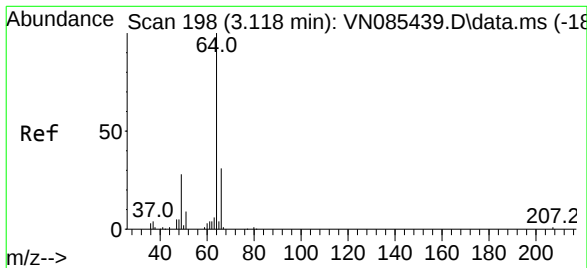
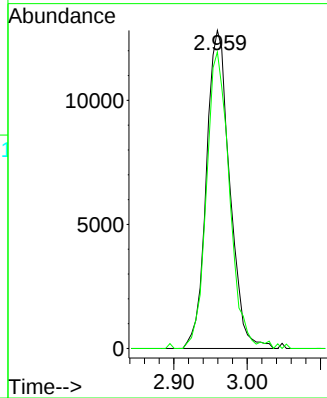
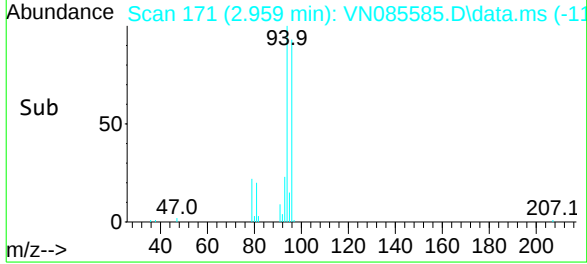
Instrument :
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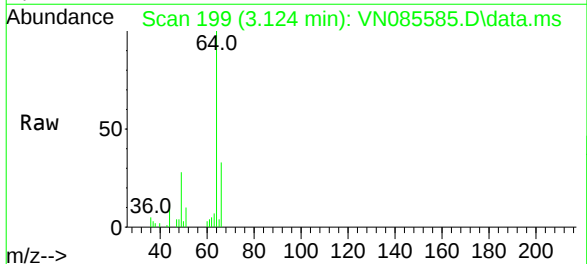
Tgt Ion: 94 Resp: 28357
Ion Ratio Lower Upper
94 100
96 93.2 71.8 107.6

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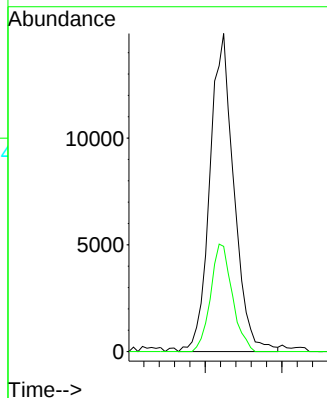
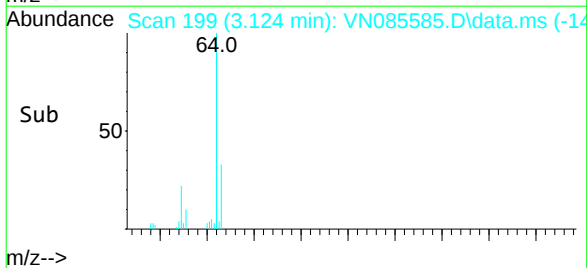
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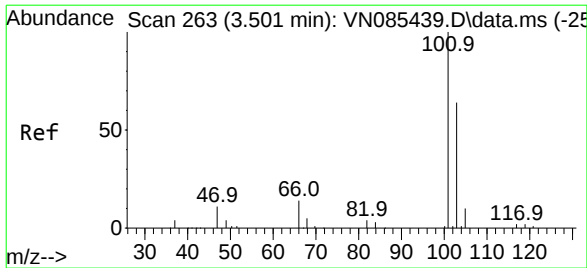


#6
Chloroethane
Concen: 18.378 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30



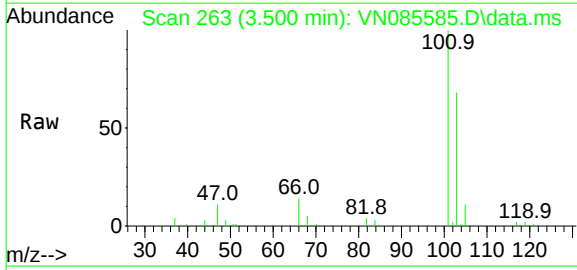
Tgt Ion: 64 Resp: 32486
Ion Ratio Lower Upper
64 100
66 33.1 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 17.875 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN085585.D
 Acq: 30 Jan 2025 17:30

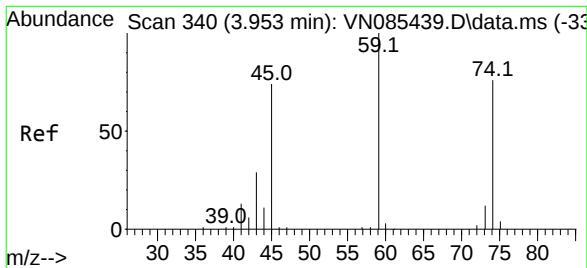
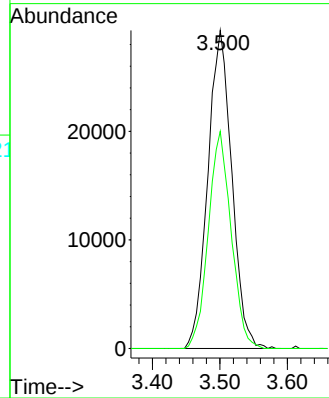
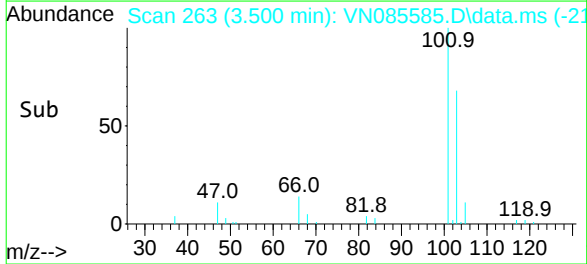
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Tgt Ion:101 Resp: 72314
 Ion Ratio Lower Upper
 101 100
 103 68.3 51.4 77.2

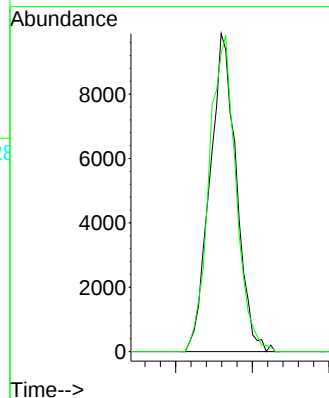
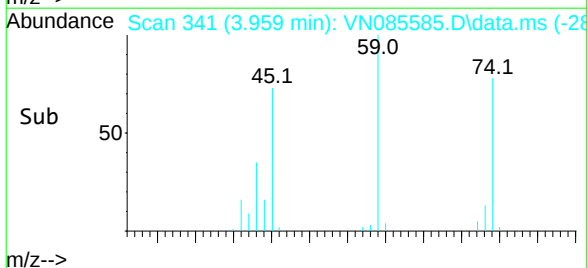
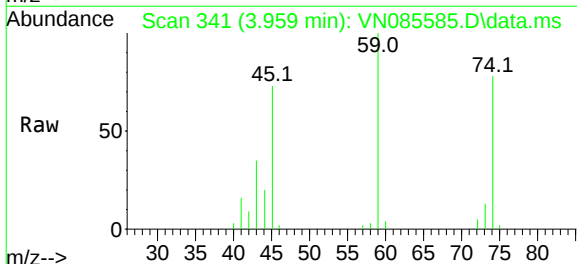
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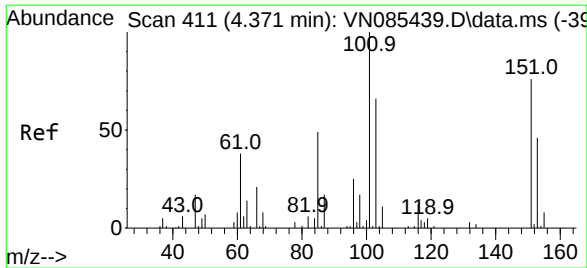
Reviewed By :John Carlone 01/31/2025
 Supervised By :Semsettin Yesilyurt 01/31/2025



#8
 Diethyl Ether
 Concen: 16.871 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN085585.D
 Acq: 30 Jan 2025 17:30

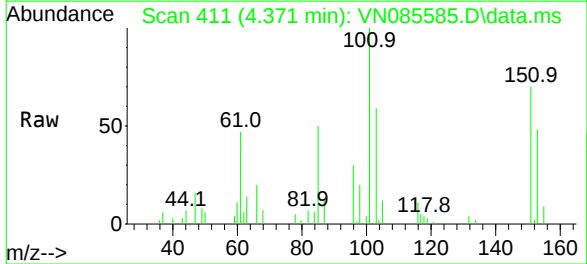
Tgt Ion: 74 Resp: 23579
 Ion Ratio Lower Upper
 74 100
 45 100.8 49.7 149.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.022 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

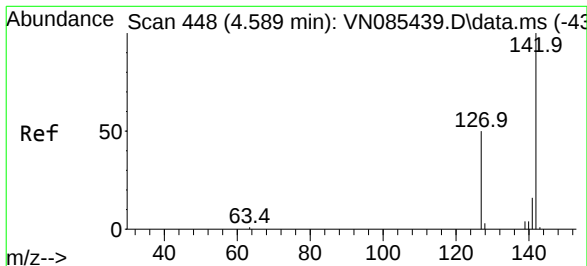
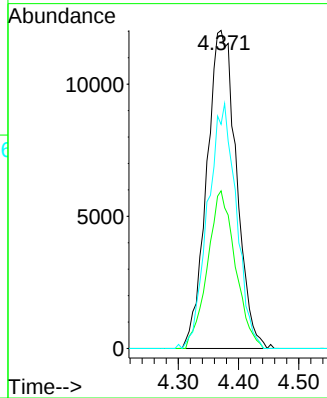
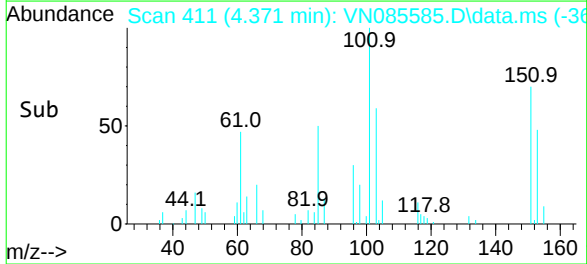
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01



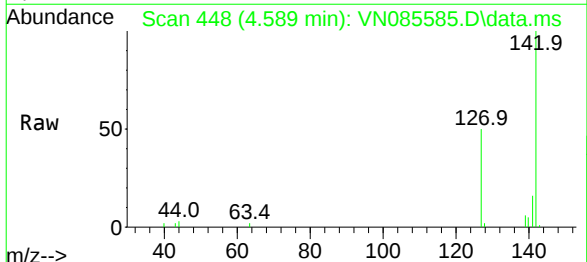
Tgt Ion:101 Resp: 41067
Ion Ratio Lower Upper
101 100
85 46.7 37.8 56.8
151 74.1 58.8 88.2

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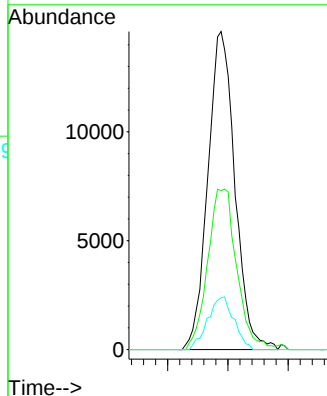
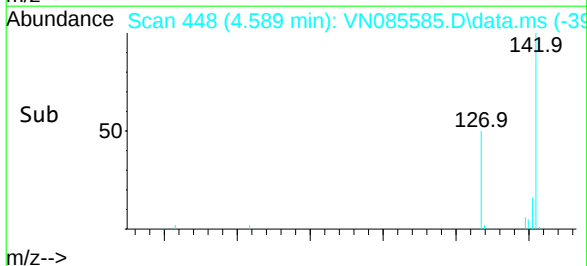
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#10
Methyl Iodide
Concen: 17.466 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30



Tgt Ion:142 Resp: 45576
Ion Ratio Lower Upper
142 100
127 50.0 40.3 60.5
141 16.3 12.8 19.2





#11

Tert butyl alcohol

Concen: 103.336 ug/l

RT: 5.512 min Scan# 605

Delta R.T. -0.000 min

Lab File: VN085585.D

Acq: 30 Jan 2025 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN0130MBS01

Tgt Ion: 59 Resp: 36142

Ion Ratio Lower Upper

59 100

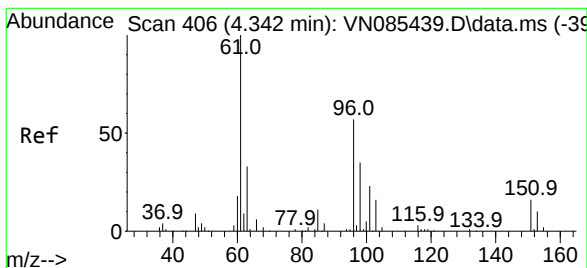
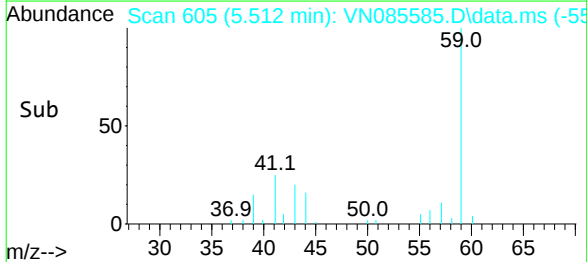
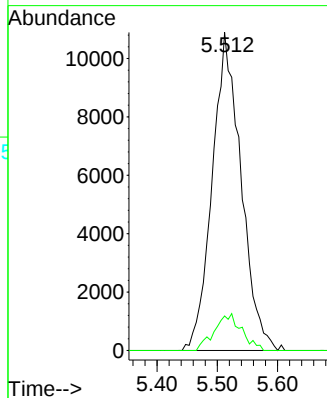
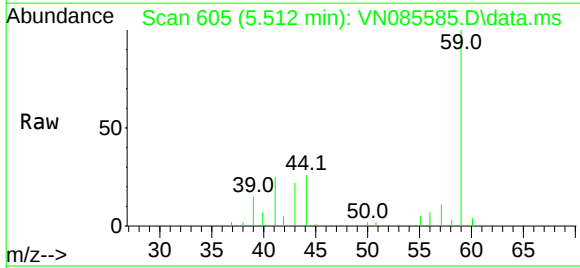
57 10.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#12

1,1-Dichloroethene

Concen: 17.485 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.006 min

Lab File: VN085585.D

Acq: 30 Jan 2025 17:30

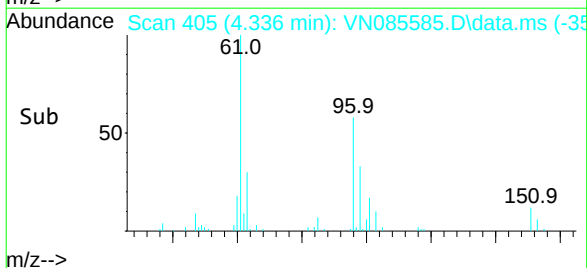
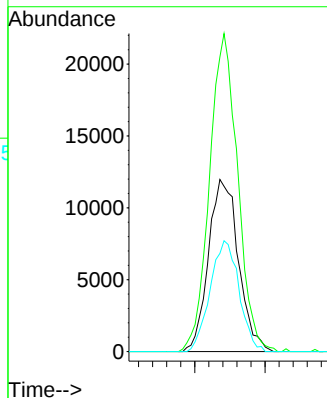
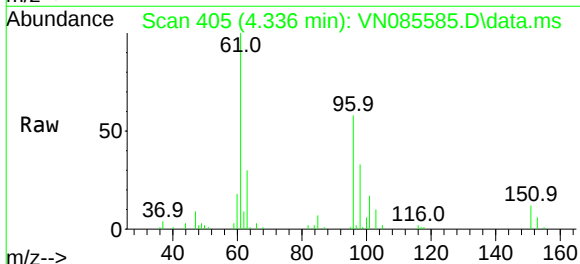
Tgt Ion: 96 Resp: 35508

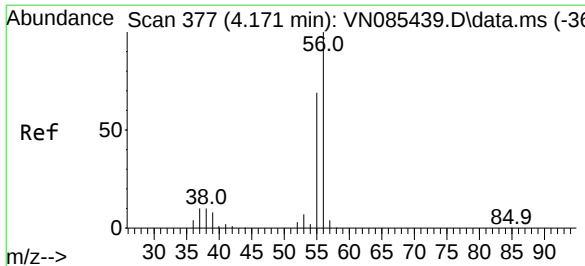
Ion Ratio Lower Upper

96 100

61 171.2 141.0 211.4

98 57.1 49.0 73.6





#13

Acrolein

Concen: 62.485 ug/l

RT: 4.183 min Scan# 377

Delta R.T. 0.012 min

Lab File: VN085585.D

Acq: 30 Jan 2025 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN0130MBS01

Tgt Ion: 56 Resp: 29833

Ion Ratio Lower Upper

56 100

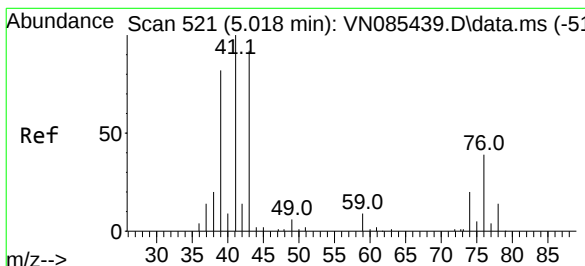
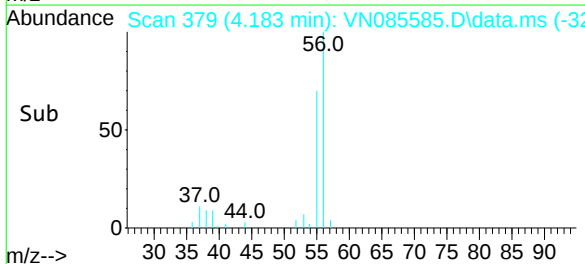
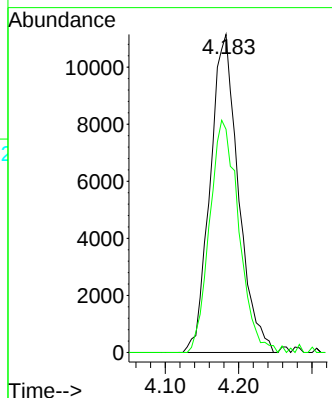
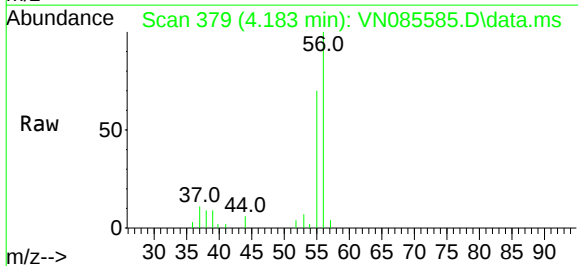
55 75.3 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#14

Allyl chloride

Concen: 16.491 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN085585.D

Acq: 30 Jan 2025 17:30

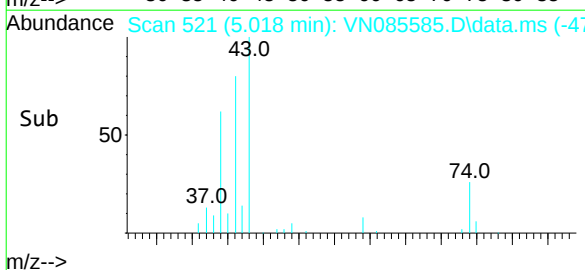
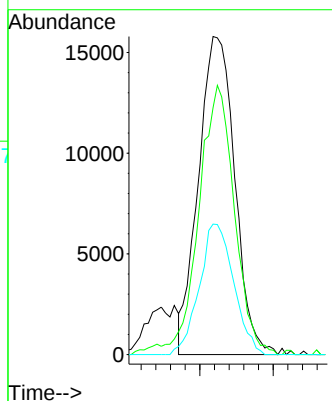
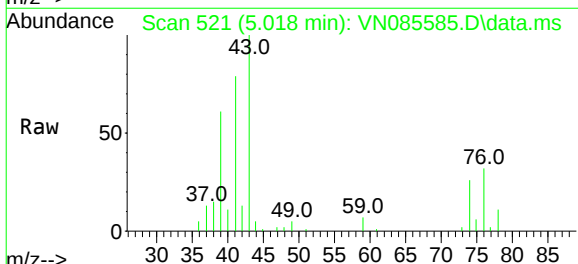
Tgt Ion: 41 Resp: 54342

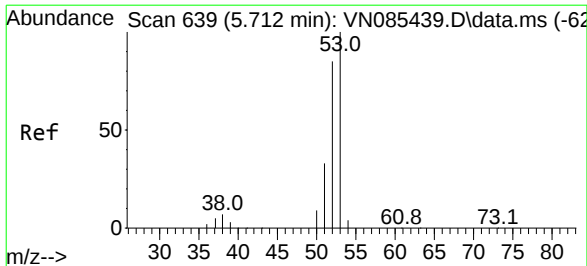
Ion Ratio Lower Upper

41 100

39 82.3 64.4 96.6

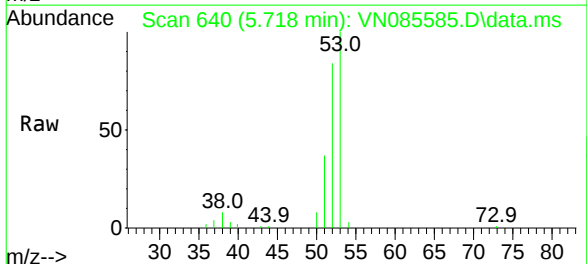
76 38.8 30.5 45.7





#15
Acrylonitrile
Concen: 100.527 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

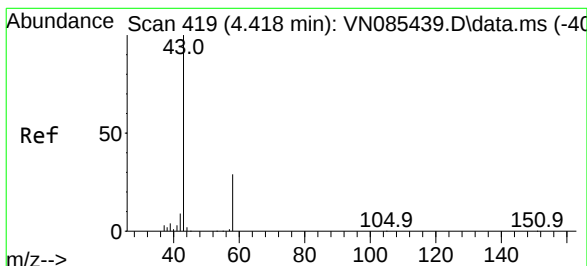
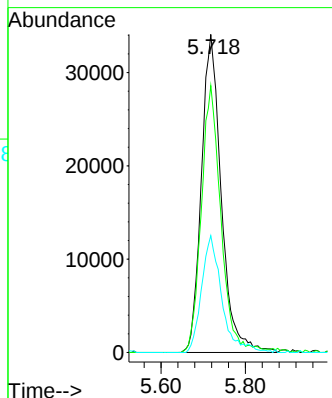
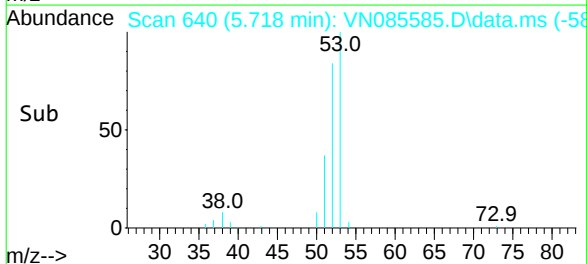
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01



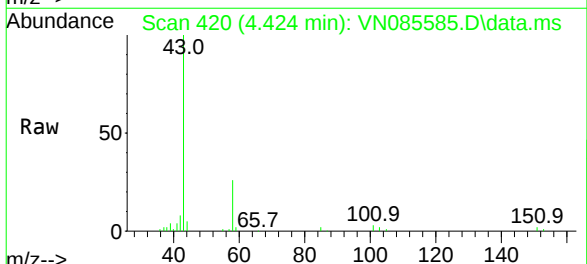
Tgt Ion: 53 Resp: 111678
Ion Ratio Lower Upper
53 100
52 82.7 65.5 98.3
51 37.4 29.8 44.8

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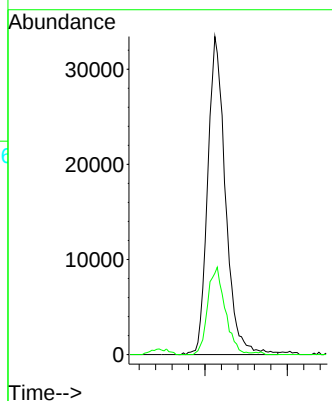
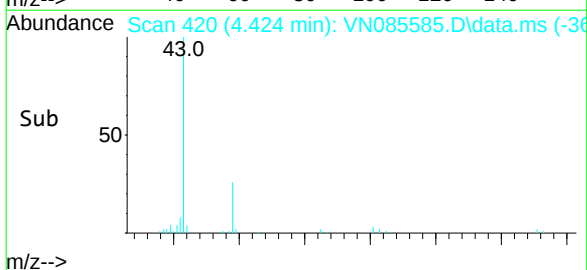
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025

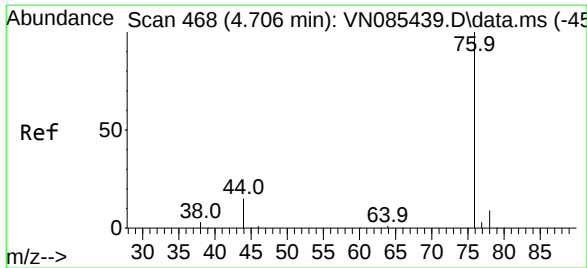


#16
Acetone
Concen: 101.666 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30



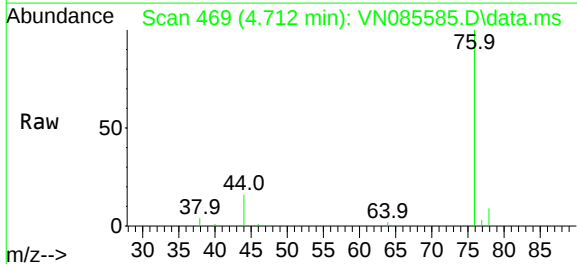
Tgt Ion: 43 Resp: 100336
Ion Ratio Lower Upper
43 100
58 25.6 23.8 35.6





#17
Carbon Disulfide
Concen: 14.059 ug/l
RT: 4.712 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

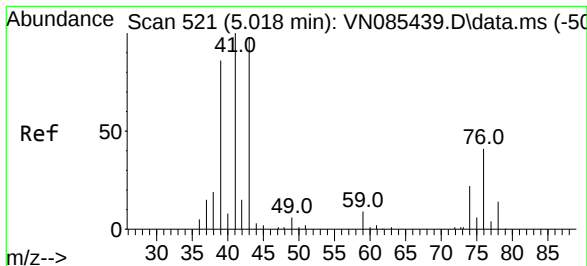
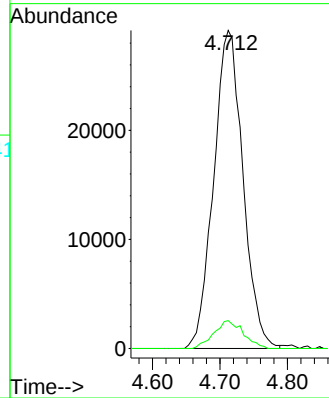
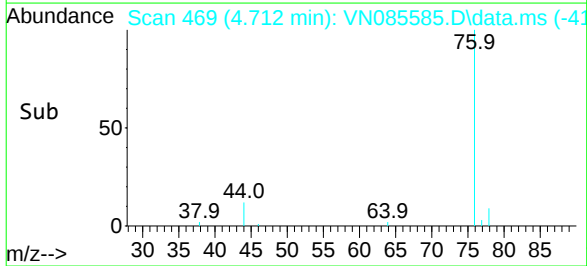
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01



Tgt Ion: 76 Resp: 87908
Ion Ratio Lower Upper
76 100
78 8.8 6.9 10.3

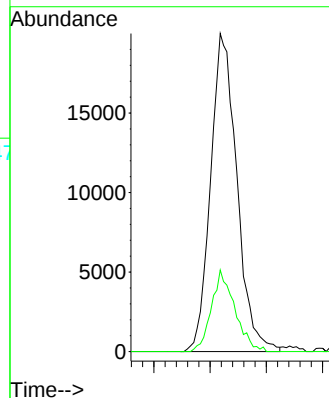
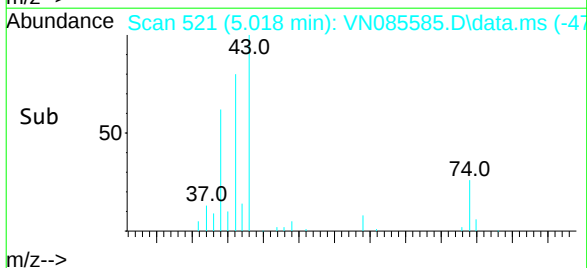
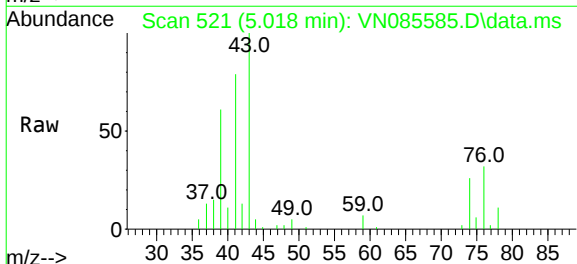
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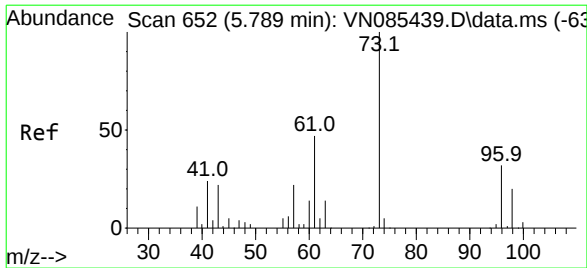
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#18
Methyl Acetate
Concen: 21.650 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Tgt Ion: 43 Resp: 64971
Ion Ratio Lower Upper
43 100
74 22.8 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 19.075 ug/l

RT: 5.794 min Scan# 65

Delta R.T. 0.006 min

Lab File: VN085585.D

Acq: 30 Jan 2025 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN0130MBS01

Tgt Ion: 73 Resp: 125786

Ion Ratio Lower Upper

73 100

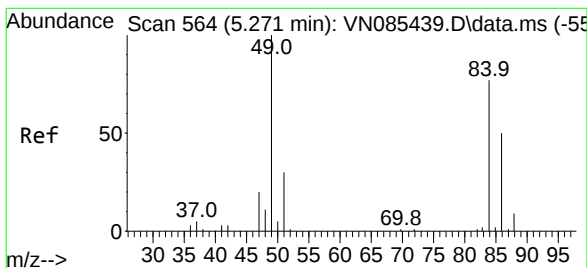
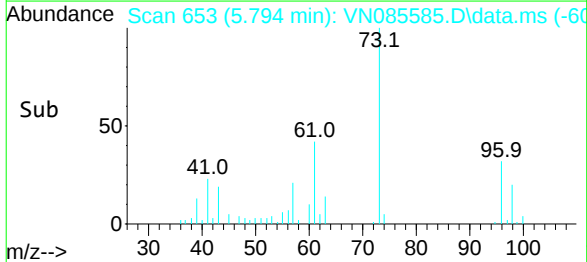
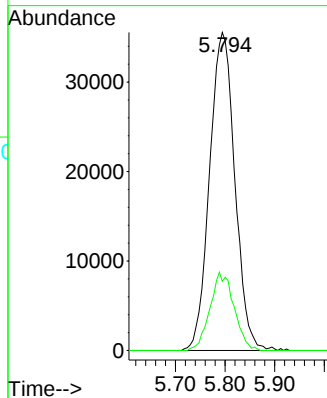
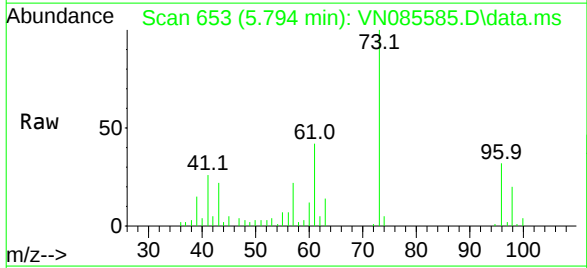
57 21.7 17.8 26.8

Manual Integrations

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Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#20

Methylene Chloride

Concen: 18.372 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.006 min

Lab File: VN085585.D

Acq: 30 Jan 2025 17:30

Tgt Ion: 84 Resp: 44886

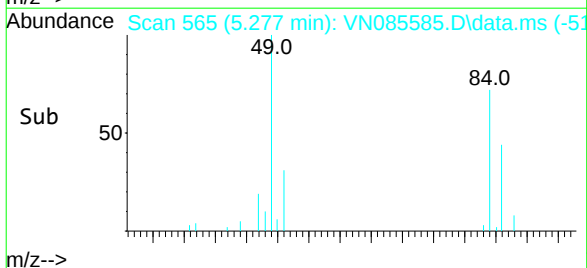
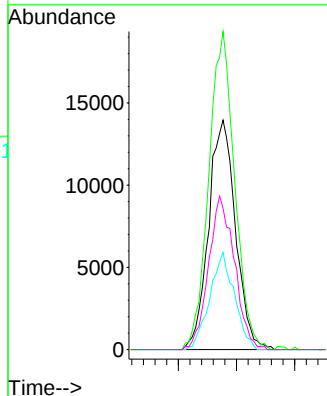
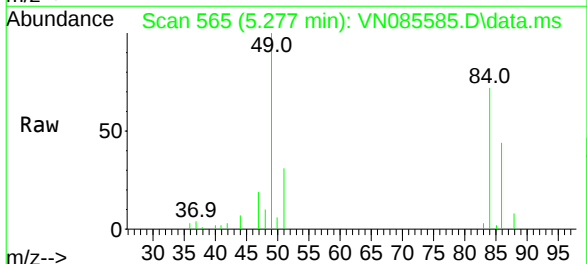
Ion Ratio Lower Upper

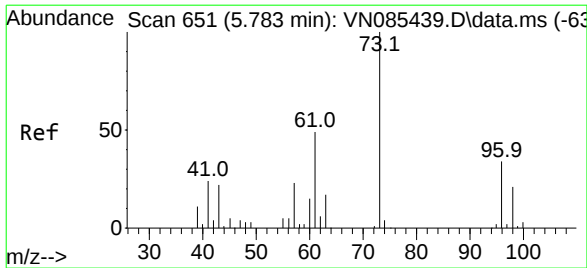
84 100

49 138.6 104.1 156.1

51 42.4 31.0 46.4

86 61.7 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 17.367 ug/l

RT: 5.789 min Scan# 651

Delta R.T. 0.006 min

Lab File: VN085585.D

Acq: 30 Jan 2025 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN0130MBS01

Tgt Ion: 96 Resp: 37693

Ion Ratio Lower Upper

96 100

61 142.9 115.7 173.5

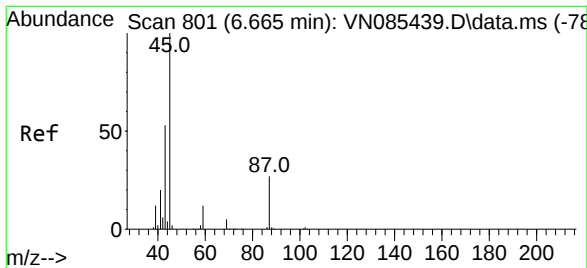
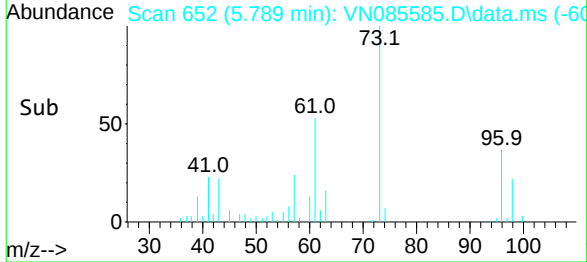
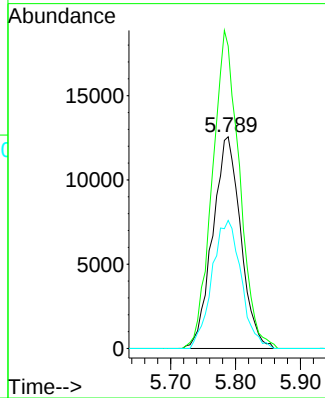
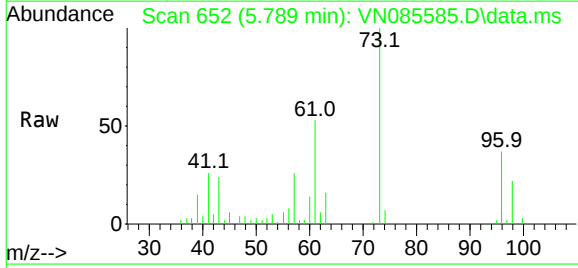
98 60.5 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#22

Diisopropyl ether

Concen: 19.610 ug/l

RT: 6.665 min Scan# 801

Delta R.T. -0.000 min

Lab File: VN085585.D

Acq: 30 Jan 2025 17:30

Tgt Ion: 45 Resp: 143434

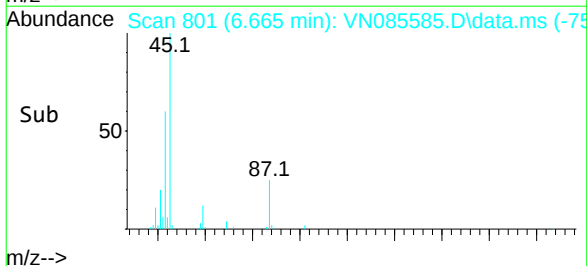
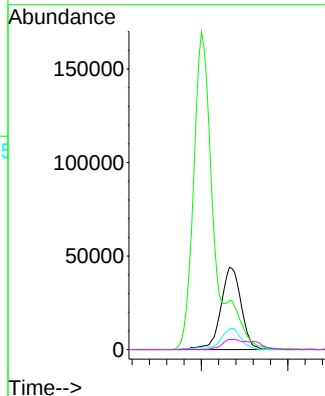
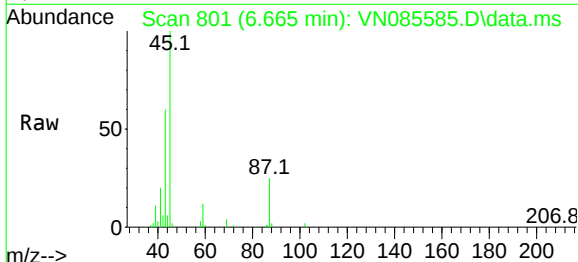
Ion Ratio Lower Upper

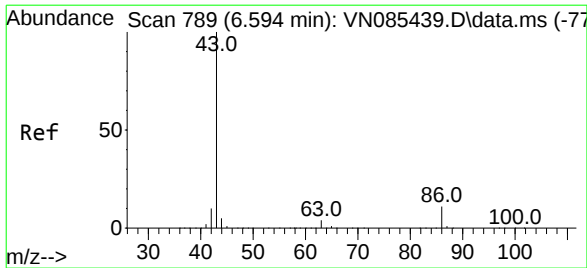
45 100

43 58.6 45.0 67.6

87 25.0 21.8 32.8

59 12.3 10.2 15.2





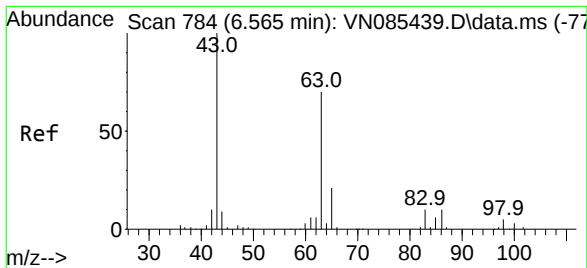
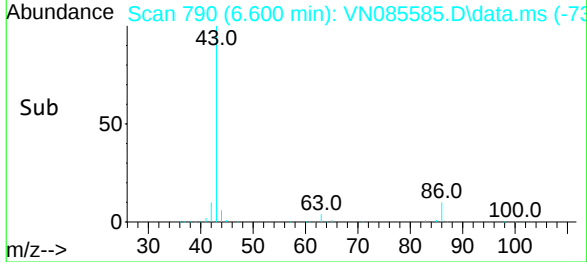
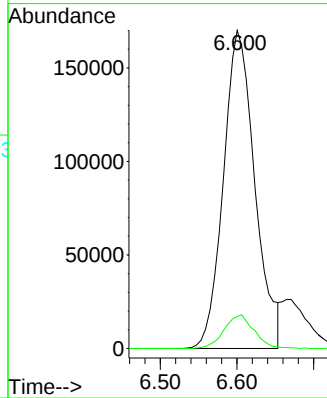
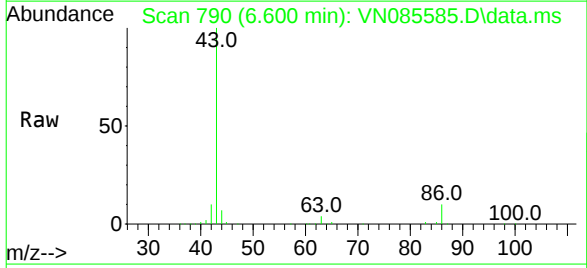
#23
 Vinyl Acetate
 Concen: 94.562 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085585.D
 Acq: 30 Jan 2025 17:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130MBS01

Tgt Ion: 43 Resp: 484032
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.4 12.6

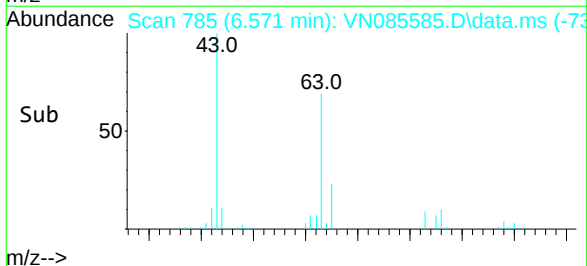
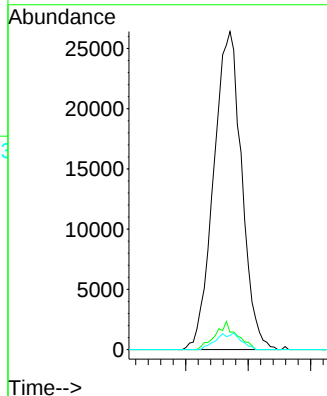
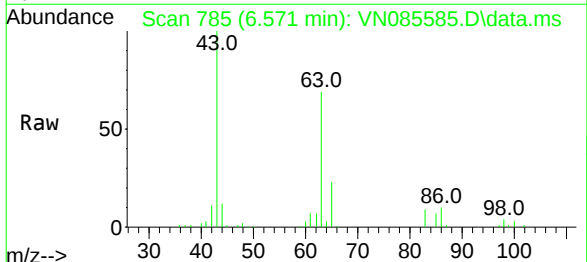
Manual Integrations
 APPROVED

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



#24
 1,1-Dichloroethane
 Concen: 18.456 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN085585.D
 Acq: 30 Jan 2025 17:30

Tgt Ion: 63 Resp: 82310
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.3 9.8
 100 4.4 2.0 6.0





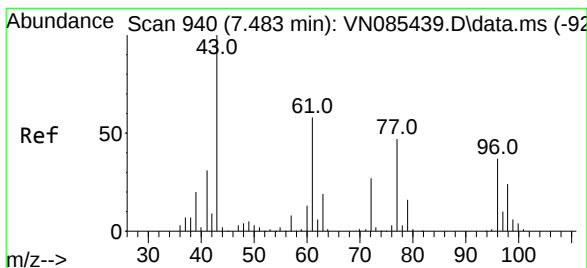
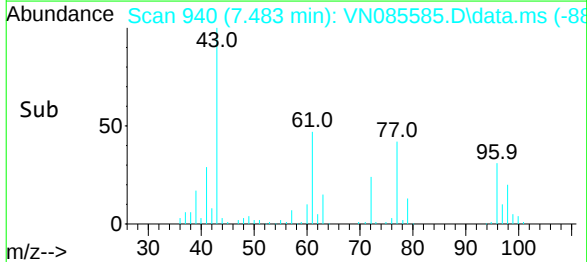
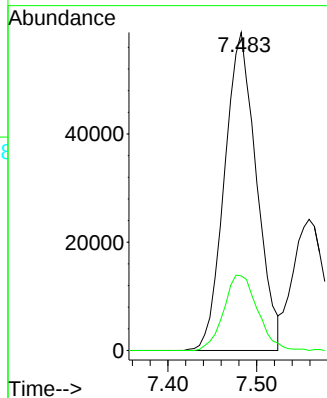
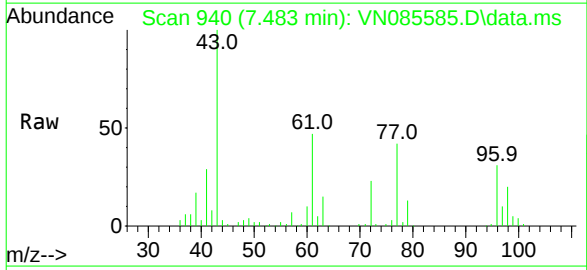
#25
2-Butanone
Concen: 101.058 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01

Tgt Ion: 43 Resp: 146770
Ion Ratio Lower Upper
43 100
72 23.5 20.2 30.4

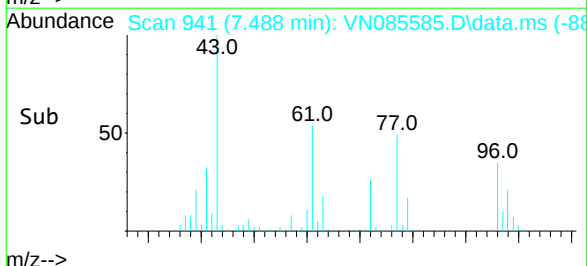
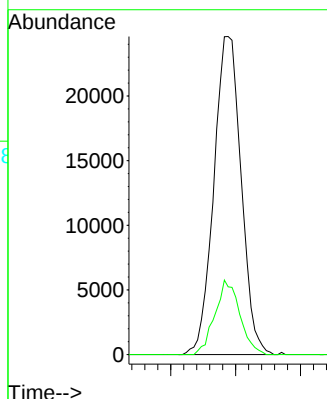
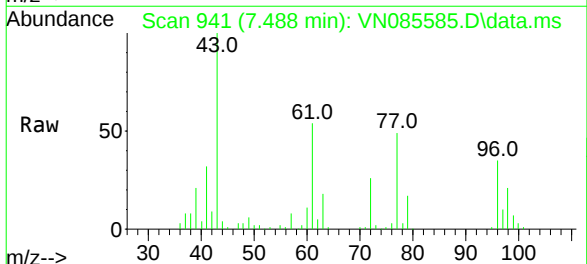
Manual Integrations
APPROVED

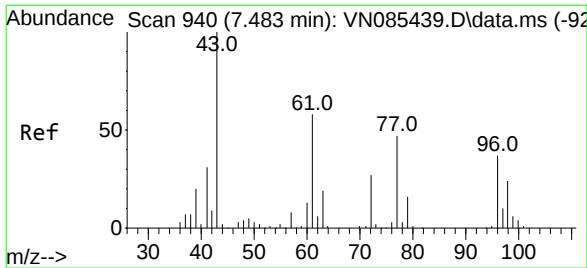
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#26
2,2-Dichloropropane
Concen: 19.955 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

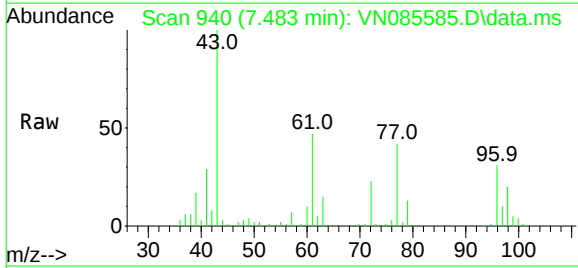
Tgt Ion: 77 Resp: 71952
Ion Ratio Lower Upper
77 100
97 21.3 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 18.487 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085585.D
 Acq: 30 Jan 2025 17:30

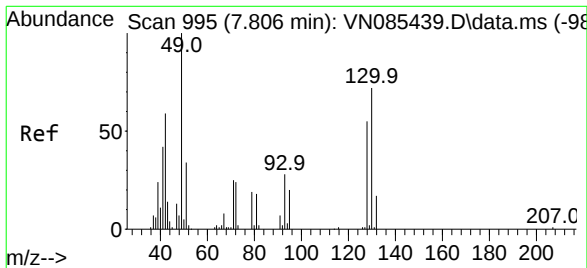
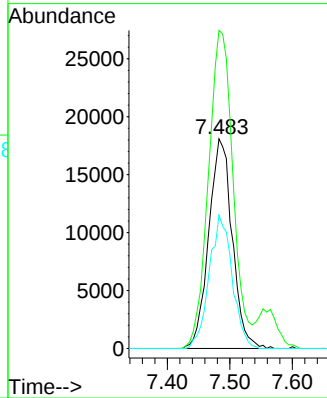
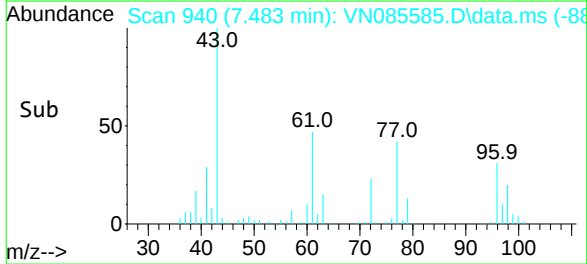
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130MBS01



Tgt Ion: 96 Resp: 47258
 Ion Ratio Lower Upper
 96 100
 61 158.2 0.0 311.8
 98 62.2 0.0 126.0

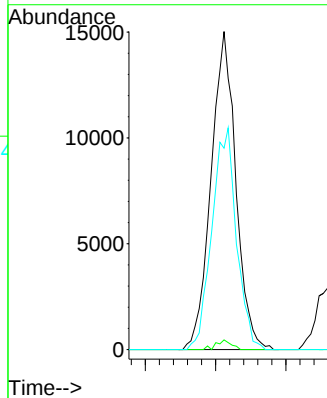
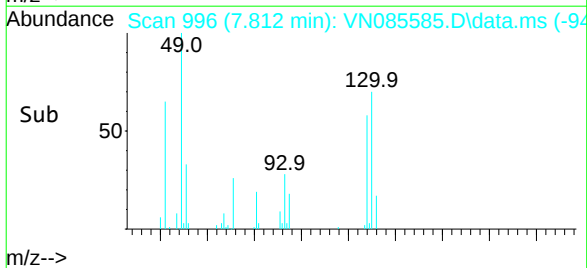
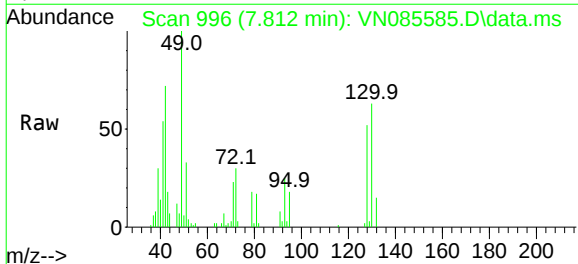
Manual Integrations
 APPROVED

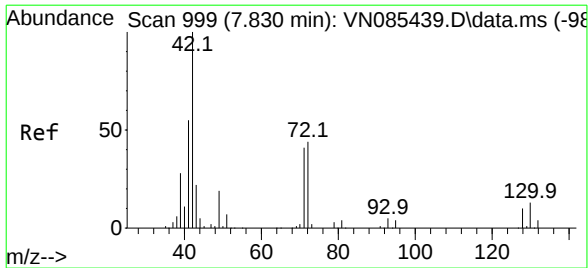
Reviewed By :John Carlone 01/31/2025
 Supervised By :Semsettin Yesilyurt 01/31/2025



#28
 Bromochloromethane
 Concen: 17.734 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085585.D
 Acq: 30 Jan 2025 17:30

Tgt Ion: 49 Resp: 36796
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.4
 130 68.9 55.0 82.4





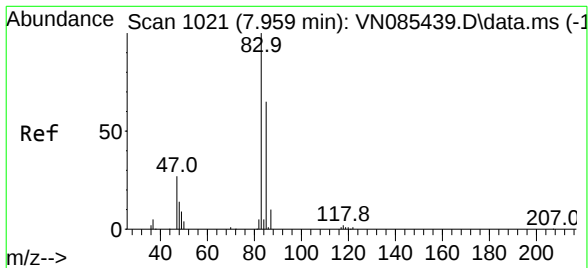
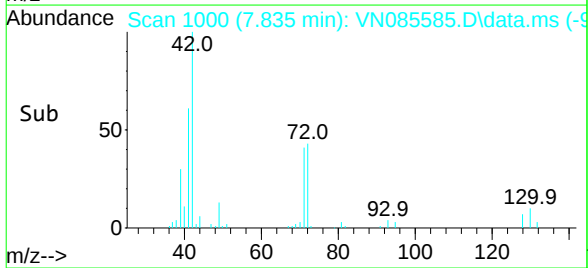
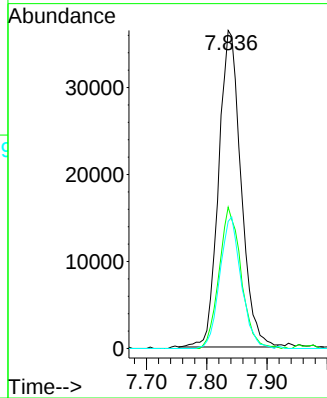
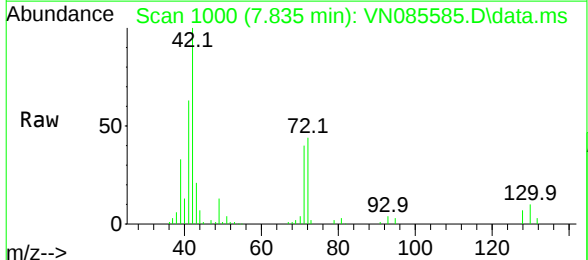
#29
Tetrahydrofuran
Concen: 102.016 ug/l
RT: 7.835 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01

Tgt Ion: 42 Resp: 93935
Ion Ratio Lower Upper
42 100
72 43.9 34.2 51.2
71 39.7 32.5 48.7

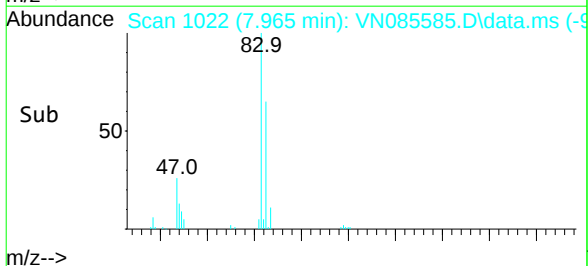
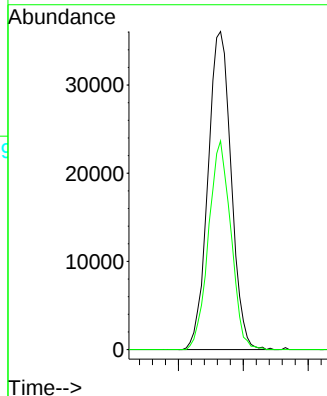
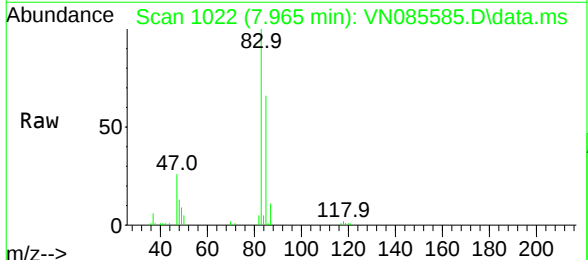
Manual Integrations
APPROVED

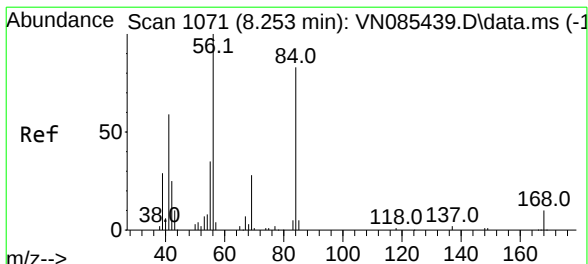
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#30
Chloroform
Concen: 19.456 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Tgt Ion: 83 Resp: 89683
Ion Ratio Lower Upper
83 100
85 65.6 51.8 77.6



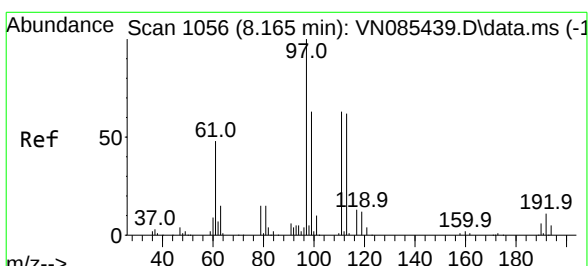
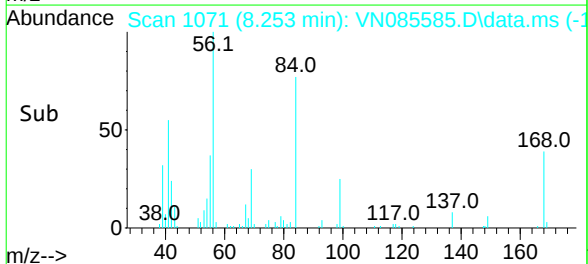
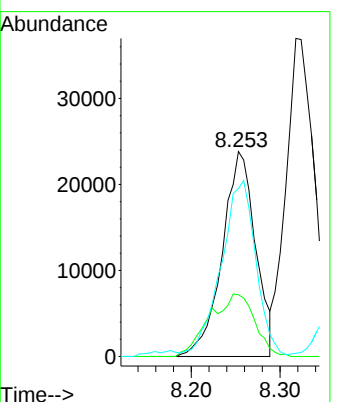
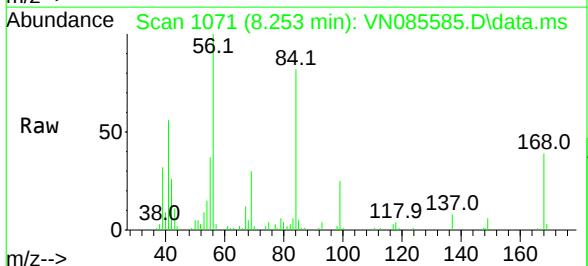


#31
Cyclohexane
Concen: 16.000 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Instrument : MSVOA_N
ClientSampleId : VN0130MBS01

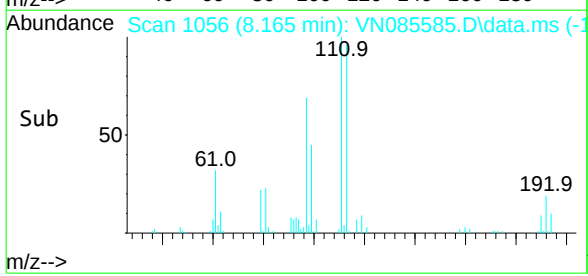
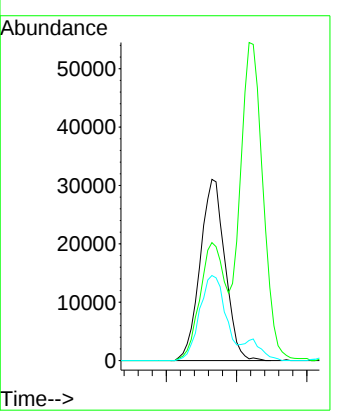
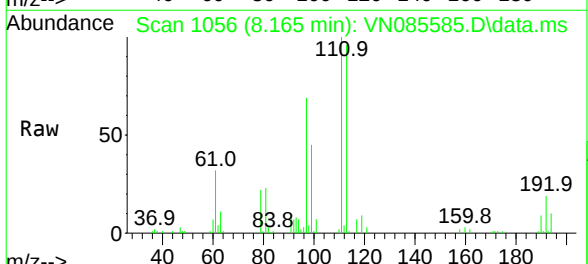
Tgt Ion:	56	Resp:	62021
Ion	Ratio	Lower	Upper
56	100		
69	30.1	22.2	33.4
84	79.0	66.4	99.6

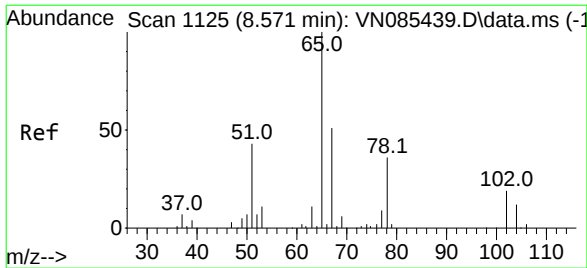
Manual Integrations
APPROVED
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#32
1,1,1-Trichloroethane
Concen: 18.898 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

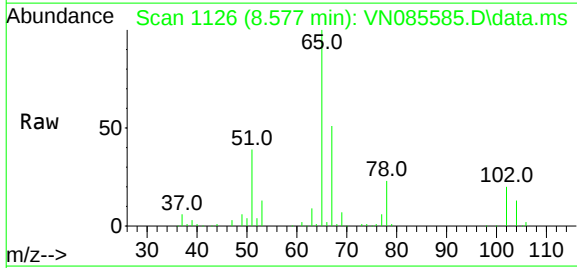
Tgt Ion:	97	Resp:	76411
Ion	Ratio	Lower	Upper
97	100		
99	64.6	49.8	74.6
61	50.0	41.4	62.2





#33
1,2-Dichloroethane-d4
Concen: 45.866 ug/l
RT: 8.577 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

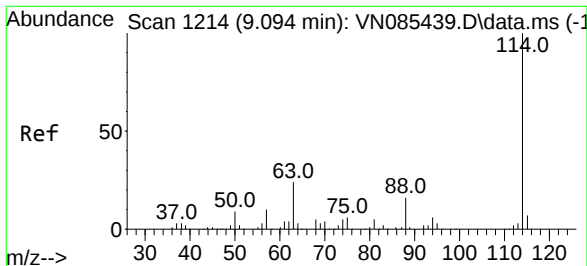
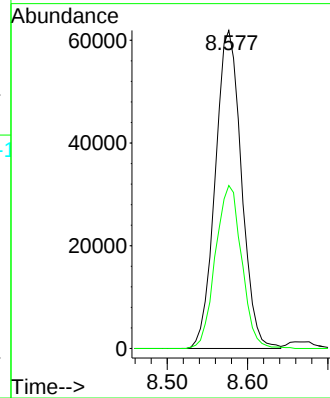
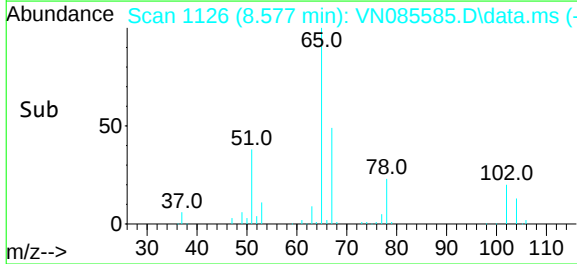
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01



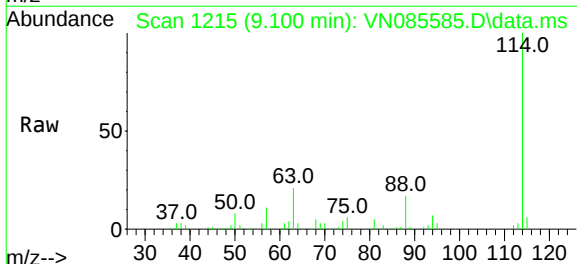
Tgt Ion: 65 Resp: 140094
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.6

Manual Integrations
APPROVED

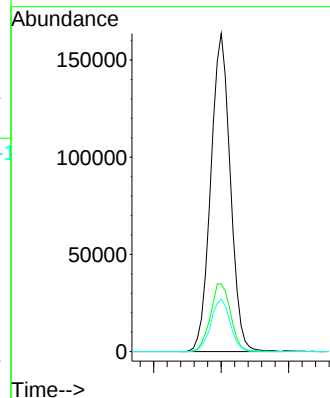
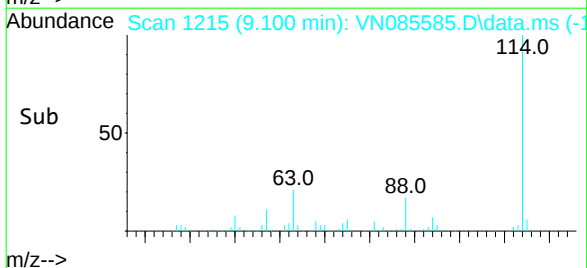
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025

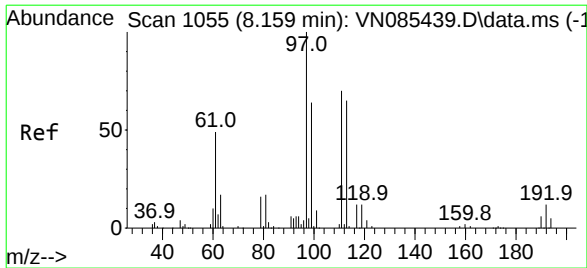


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30



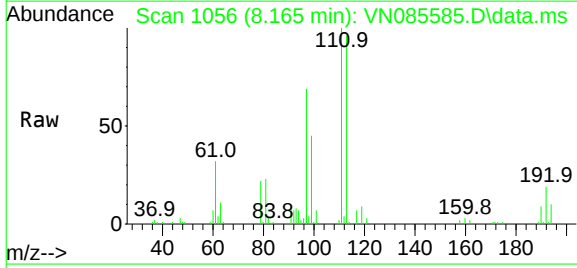
Tgt Ion:114 Resp: 329193
Ion Ratio Lower Upper
114 100
63 21.3 0.0 47.6
88 16.5 0.0 32.6





#35
Dibromofluoromethane
Concen: 45.525 ug/l
RT: 8.165 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

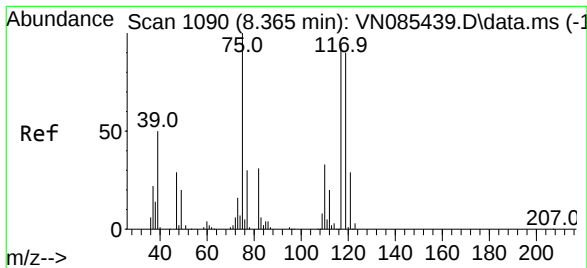
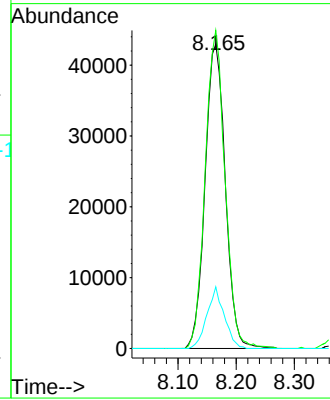
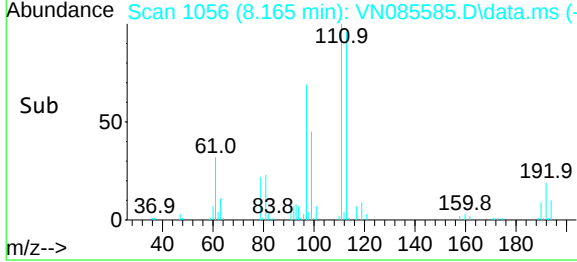
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01



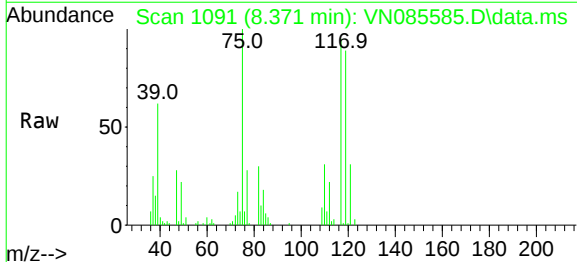
Tgt Ion: 113 Resp: 103969
Ion Ratio Lower Upper
113 100
111 102.4 82.7 124.1
192 17.3 14.3 21.5

Manual Integrations
APPROVED

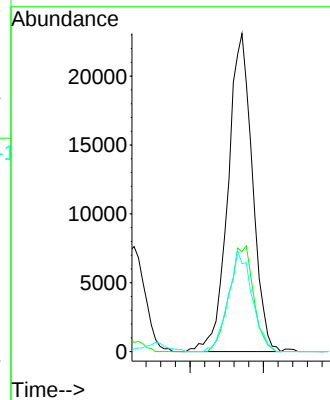
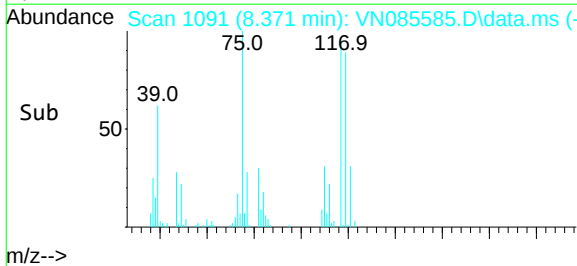
Reviewed By : John Carlone 01/31/2025
Supervised By : Semsettin Yesilyurt 01/31/2025



#36
1,1-Dichloropropene
Concen: 16.637 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30



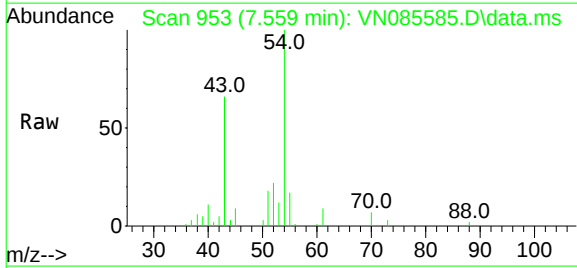
Tgt Ion: 75 Resp: 53326
Ion Ratio Lower Upper
75 100
110 33.1 16.5 49.5
77 31.0 24.4 36.6





#37
Ethyl Acetate
Concen: 19.352 ug/l
RT: 7.559 min Scan# 952
Delta R.T. 0.006 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

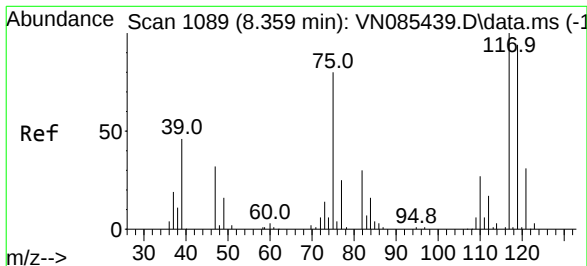
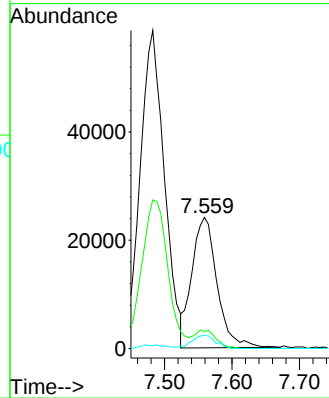
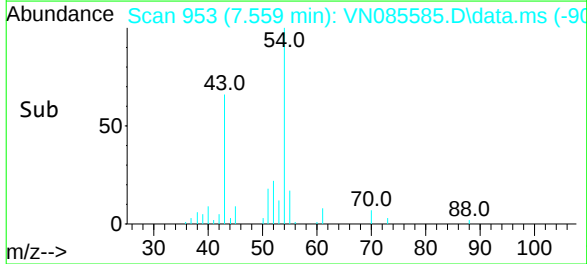
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01



Tgt Ion: 43 Resp: 62608
Ion Ratio Lower Upper
43 100
61 12.4 10.9 16.3
70 9.4 7.5 11.3

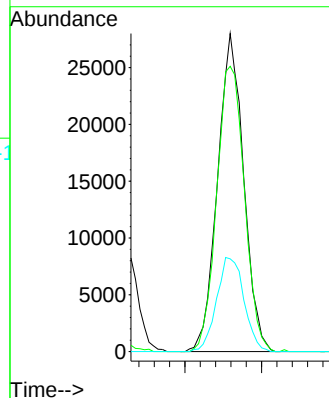
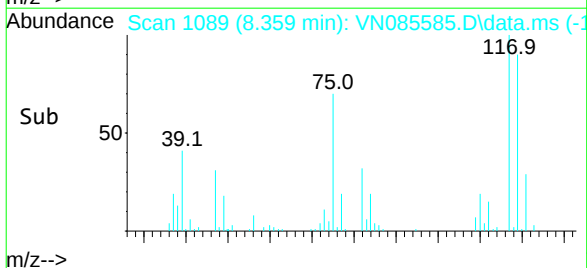
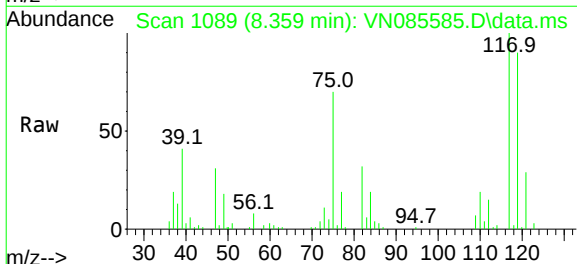
Manual Integrations
APPROVED

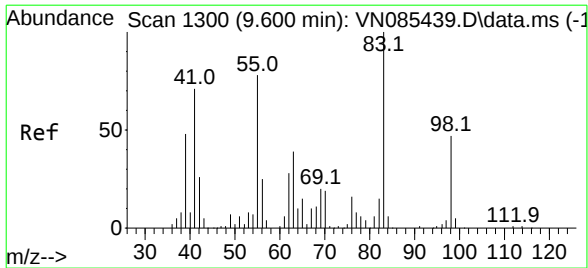
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#38
Carbon Tetrachloride
Concen: 18.008 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Tgt Ion:117 Resp: 66080
Ion Ratio Lower Upper
117 100
119 89.7 75.4 113.2
121 29.2 24.6 37.0





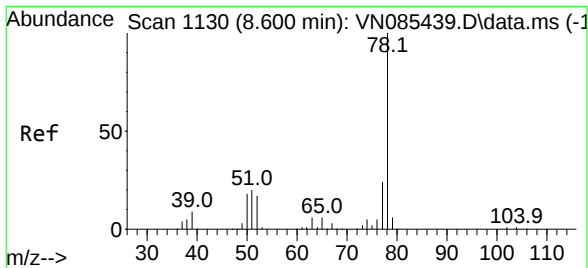
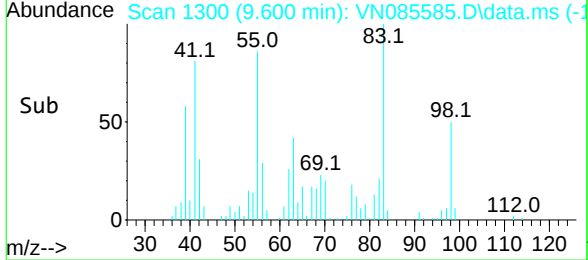
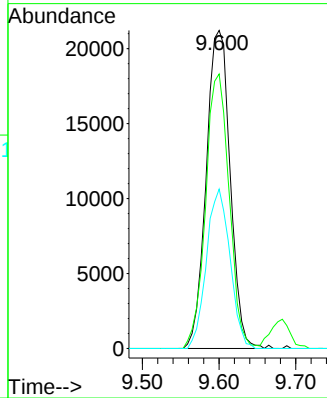
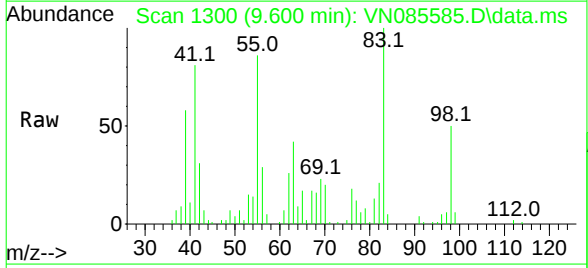
#39
Methylcyclohexane
Concen: 15.298 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	86.3	62.6	94.0
98	50.1	37.7	56.5

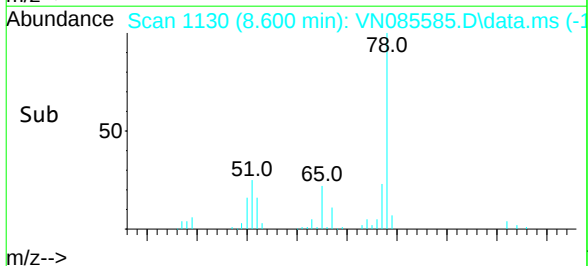
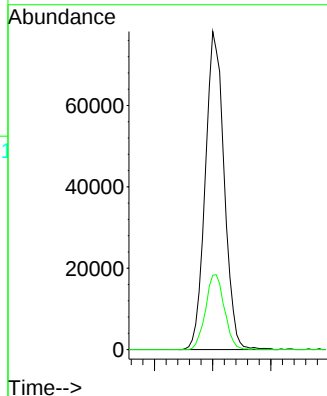
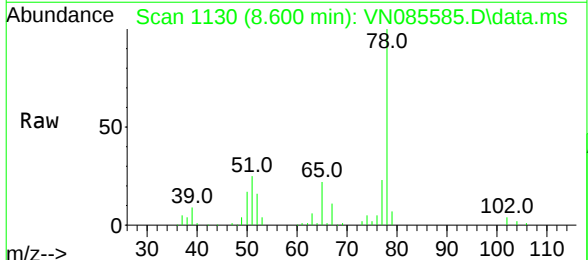
Manual Integrations
APPROVED

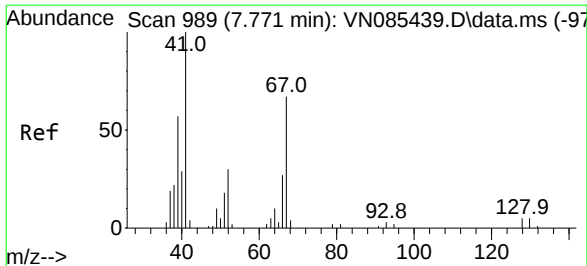
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#40
Benzene
Concen: 18.276 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

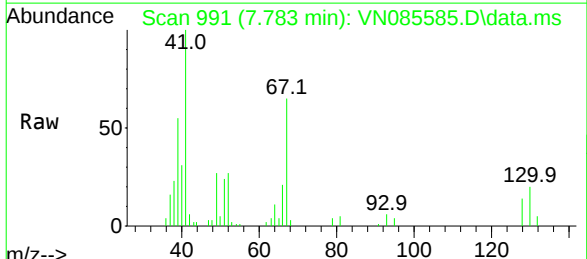
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.6





#41
Methacrylonitrile
Concen: 18.574 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.012 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

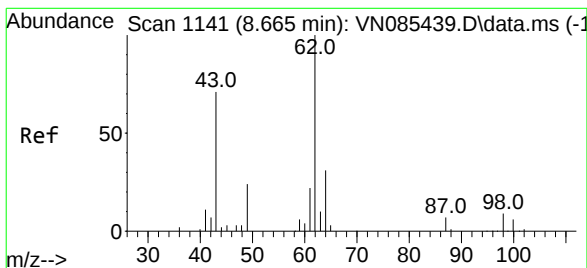
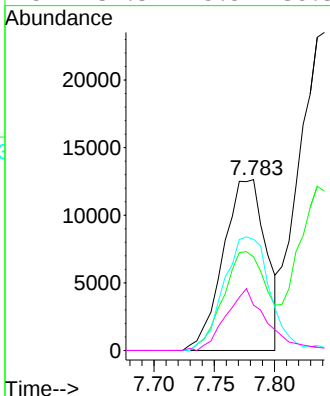
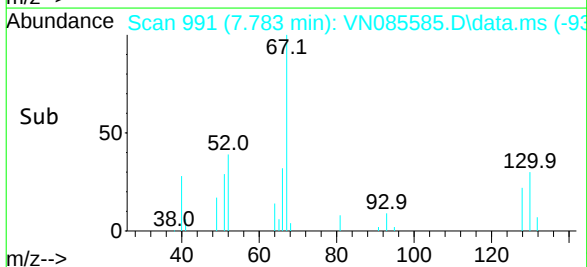
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01



Tgt Ion:	41	Resp:	31264
Ion	Ratio	Lower	Upper
41	100		
39	58.0	46.0	69.0
67	71.8	57.4	86.2
52	34.3	25.5	38.3

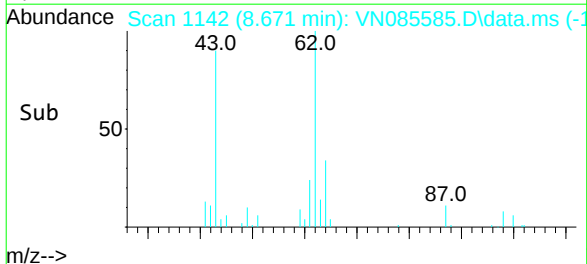
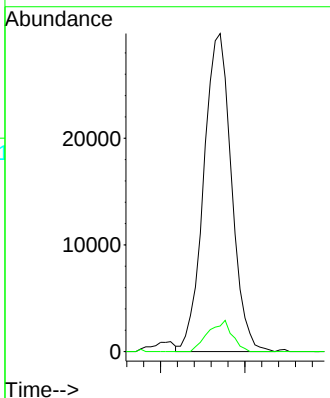
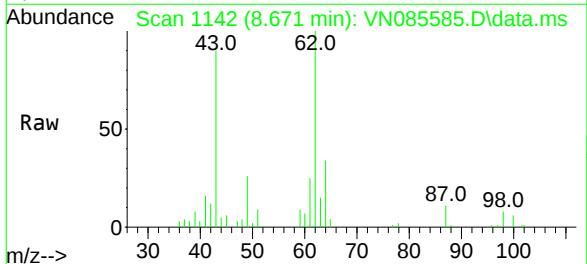
Manual Integrations
APPROVED

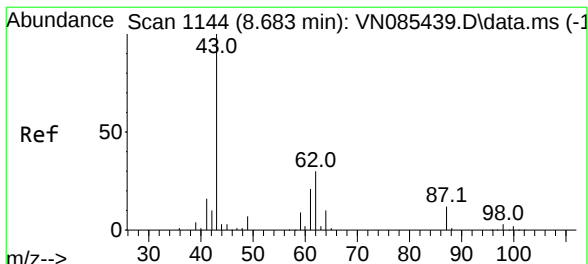
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#42
1,2-Dichloroethane
Concen: 18.820 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Tgt Ion:	62	Resp:	68265
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.0





#43
Isopropyl Acetate
Concen: 20.351 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Instrument :

MSVOA_N

ClientSampleId :

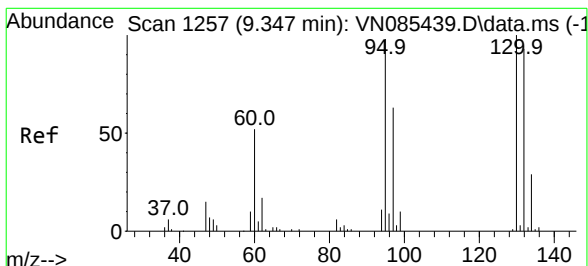
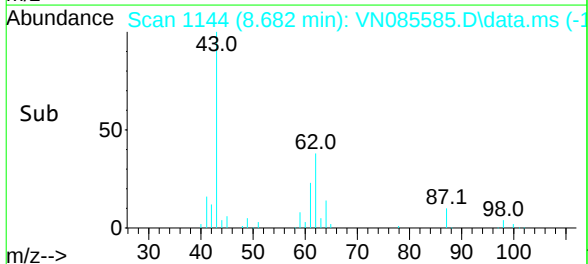
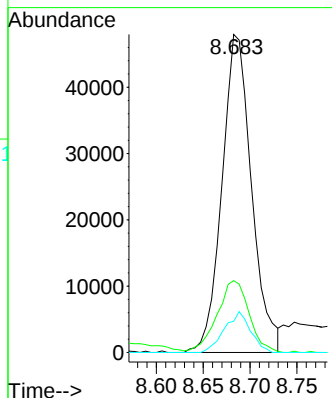
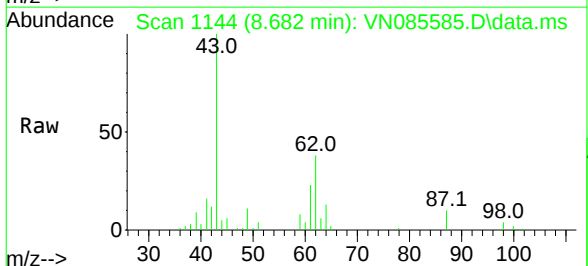
VN0130MBS01

Tgt Ion: 43 Resp: 105500

Ion	Ratio	Lower	Upper
43	100		
61	24.4	20.7	31.1
87	11.3	9.8	14.8

Manual Integrations
APPROVED

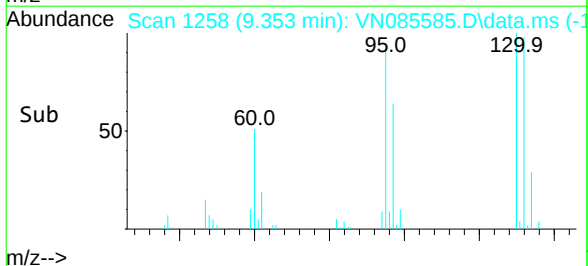
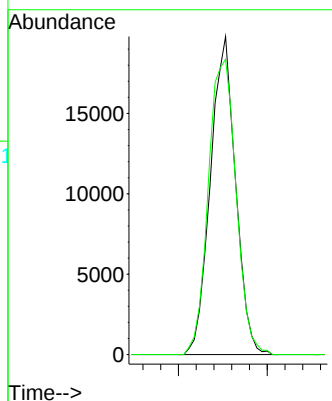
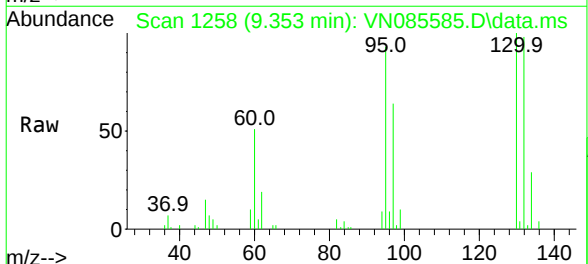
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025

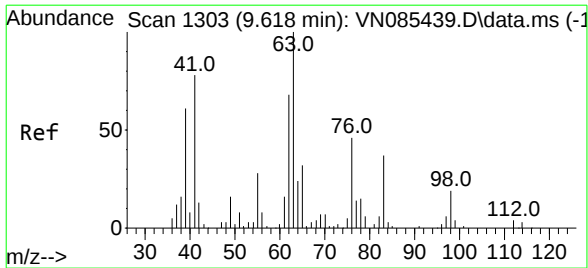


#44
Trichloroethene
Concen: 17.349 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Tgt Ion:130 Resp: 38893

Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	195.8





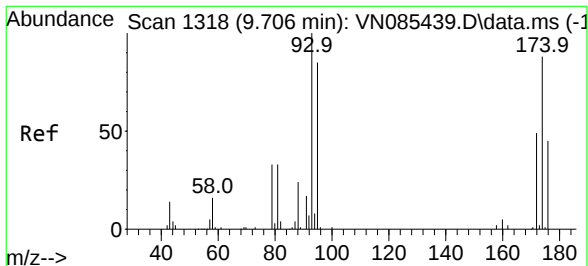
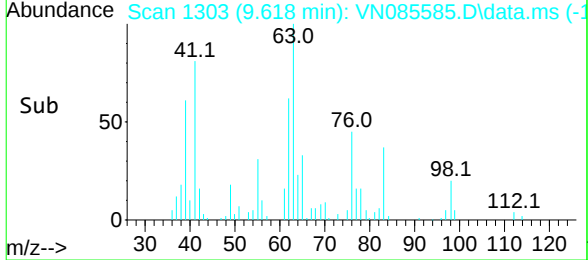
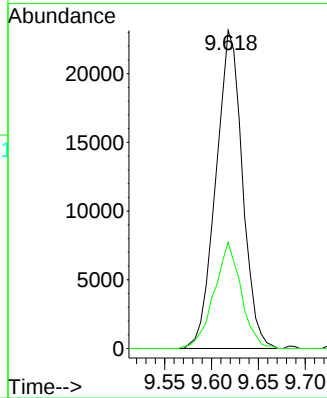
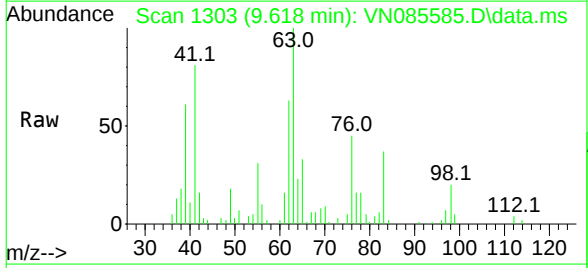
#45
1,2-Dichloropropane
Concen: 18.488 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01

Tgt Ion: 63 Resp: 45479
Ion Ratio Lower Upper
63 100
65 33.4 25.6 38.4

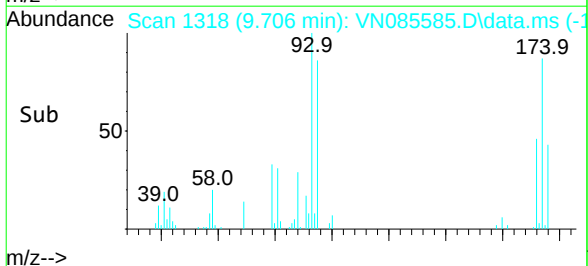
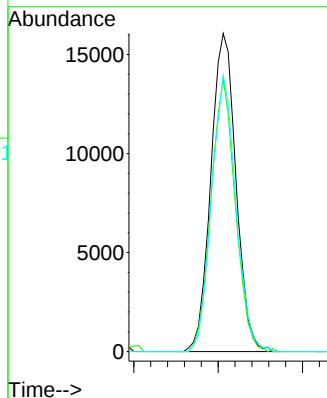
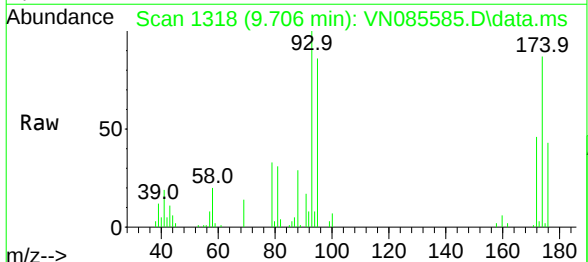
Manual Integrations
APPROVED

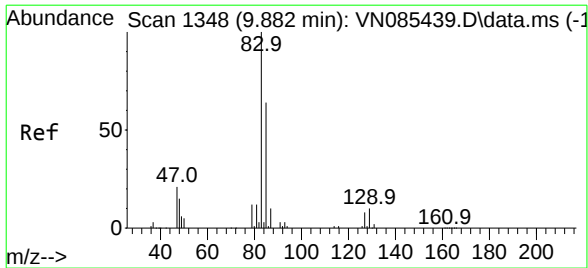
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#46
Dibromomethane
Concen: 18.733 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Tgt Ion: 93 Resp: 33251
Ion Ratio Lower Upper
93 100
95 82.7 64.7 97.1
174 84.0 69.0 103.4





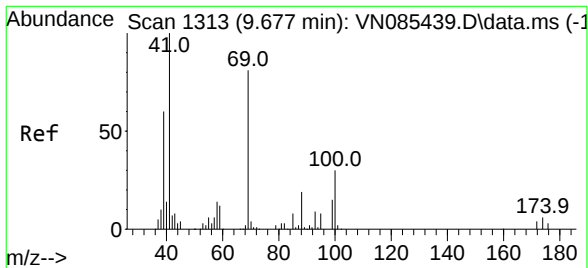
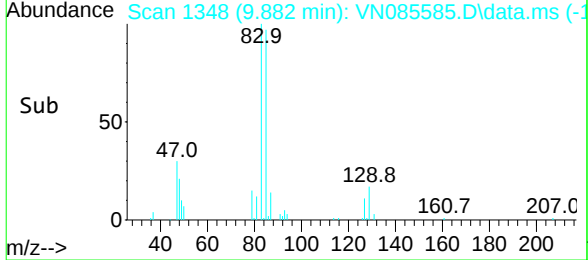
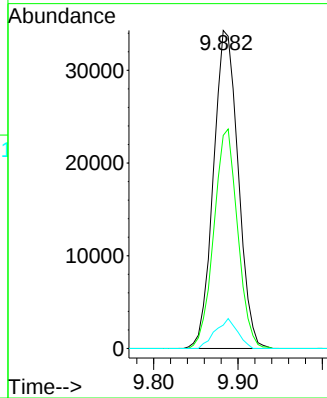
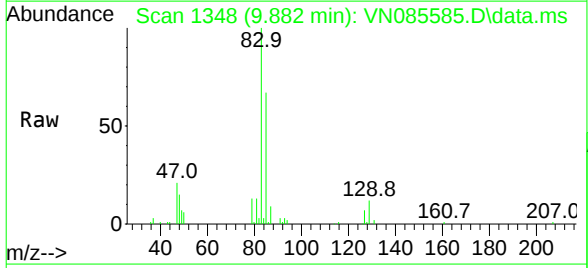
#47
Bromodichloromethane
Concen: 19.359 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01

Tgt Ion: 83 Resp: 70008
Ion Ratio Lower Upper
83 100
85 67.0 51.2 76.8
127 7.3 6.5 9.7

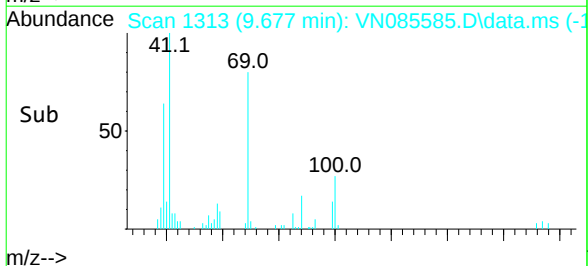
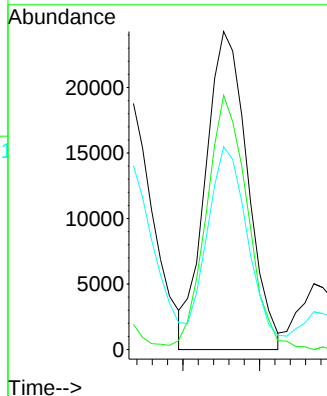
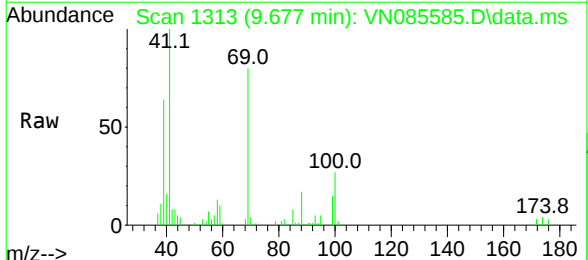
Manual Integrations
APPROVED

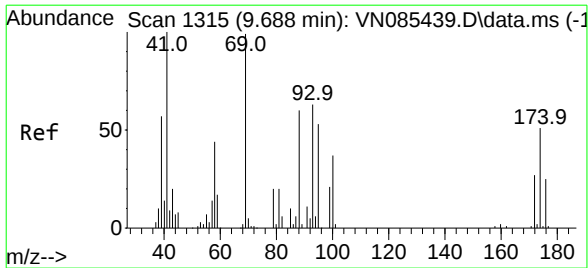
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#48
Methyl methacrylate
Concen: 19.803 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

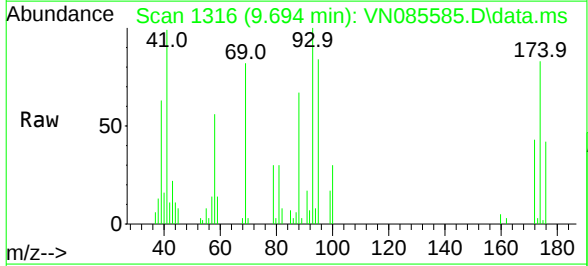
Tgt Ion: 41 Resp: 46198
Ion Ratio Lower Upper
41 100
69 78.2 64.7 97.1
39 62.5 49.0 73.6





#49
1,4-Dioxane
Concen: 398.286 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

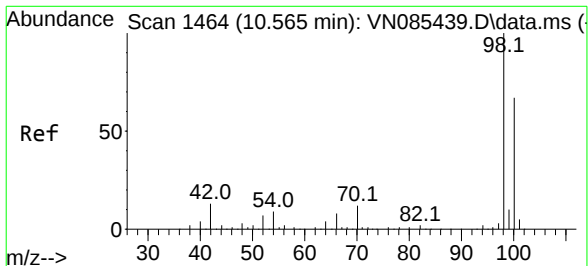
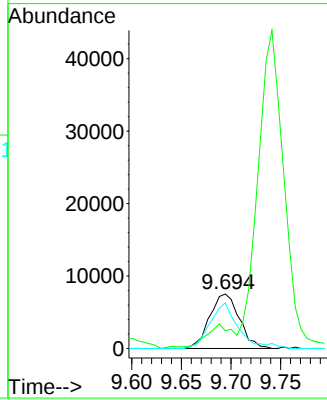
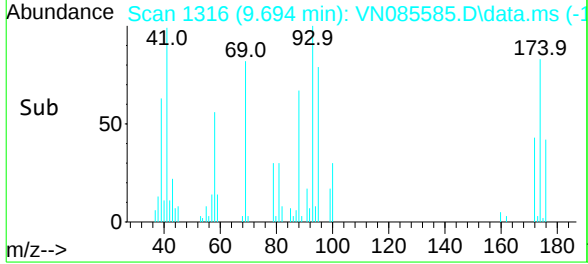
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01



Tgt Ion: 88 Resp: 15647
Ion Ratio Lower Upper
88 100
43 40.8 26.6 39.8#
58 80.6 59.5 89.3

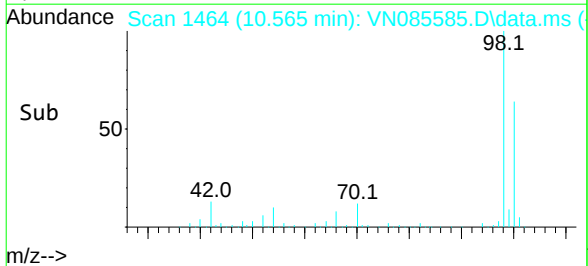
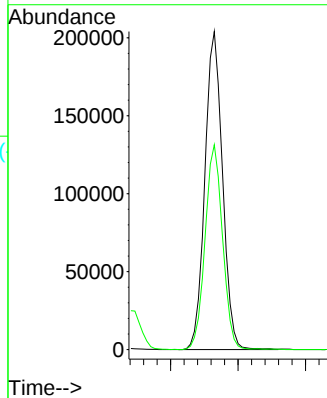
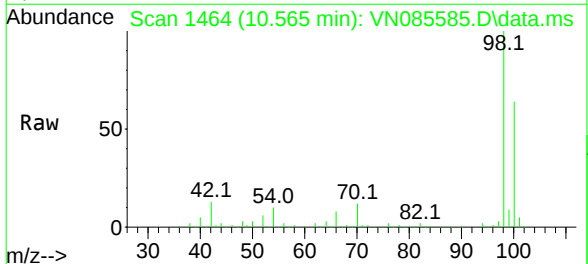
Manual Integrations
APPROVED

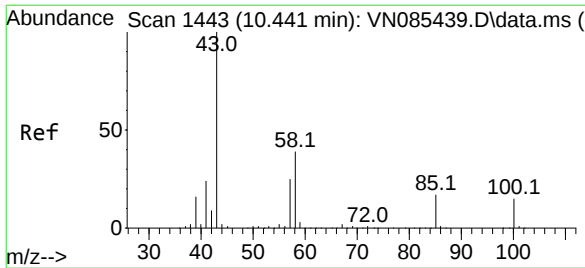
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#50
Toluene-d8
Concen: 45.659 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Tgt Ion: 98 Resp: 370488
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.4





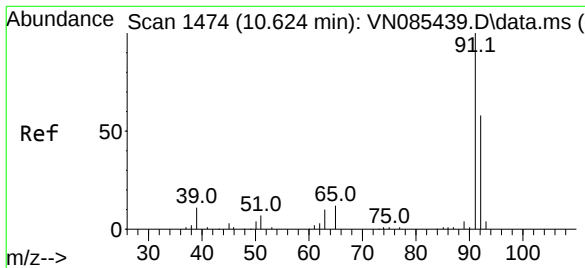
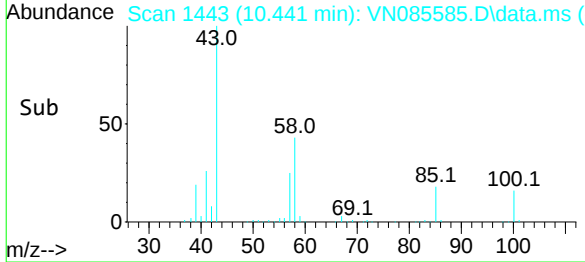
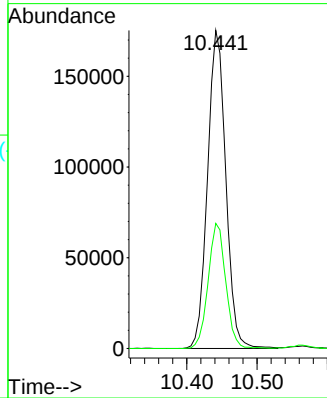
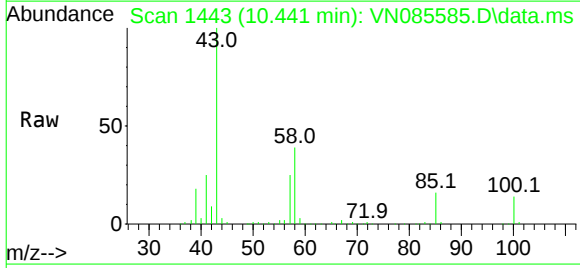
#51
4-Methyl-2-Pentanone
Concen: 105.107 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01

Tgt Ion: 43 Resp: 316182
Ion Ratio Lower Upper
43 100
58 37.9 30.5 45.7

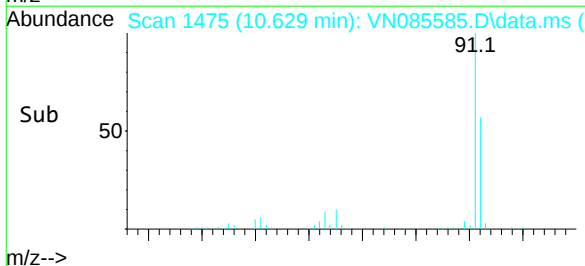
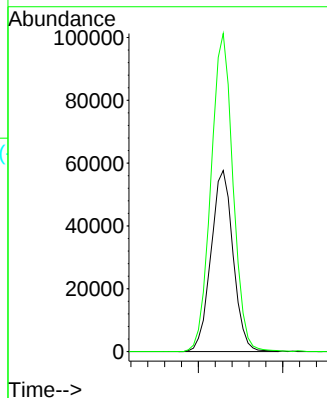
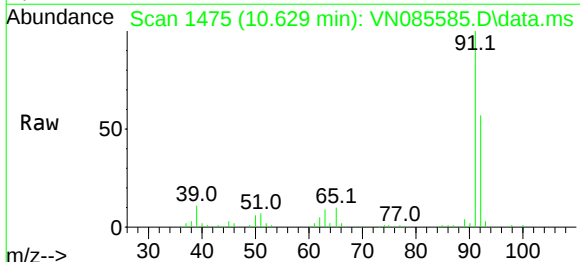
Manual Integrations
APPROVED

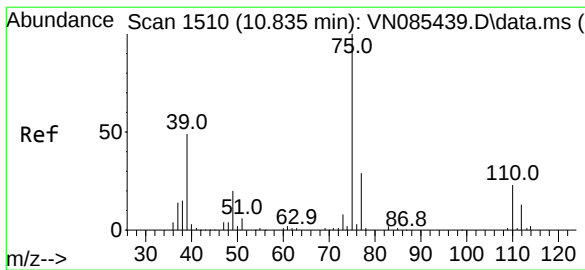
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#52
Toluene
Concen: 18.833 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

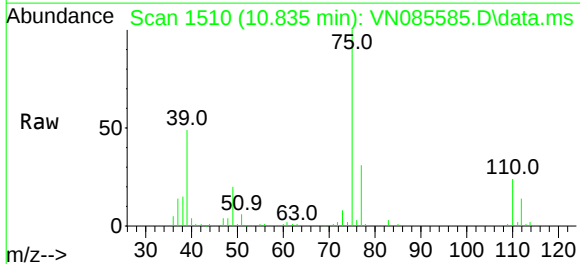
Tgt Ion: 92 Resp: 105092
Ion Ratio Lower Upper
92 100
91 174.9 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 19.042 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

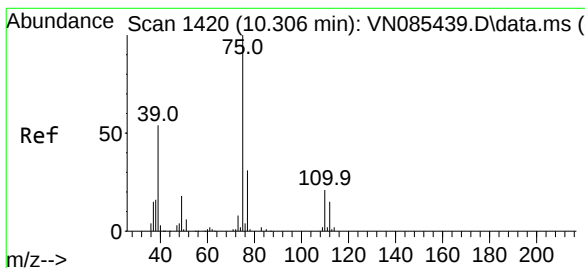
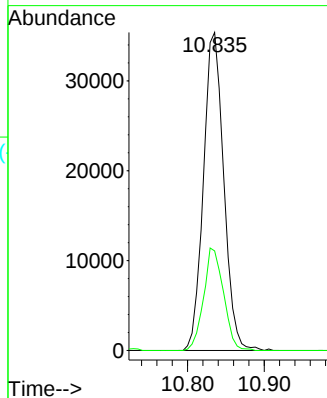
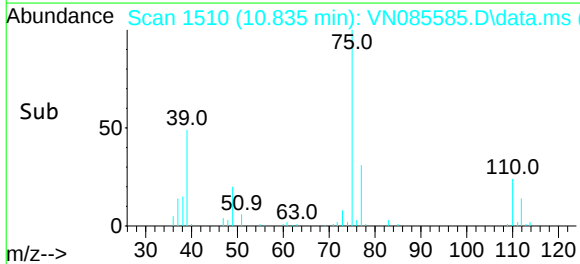
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01



Tgt Ion: 75 Resp: 65074
Ion Ratio Lower Upper
75 100
77 31.3 23.5 35.3

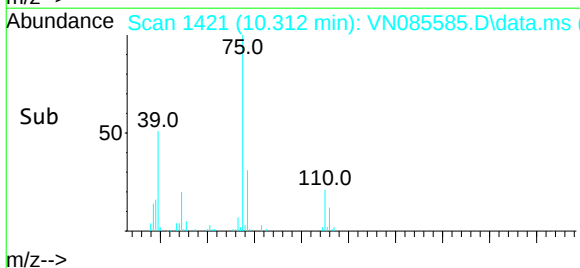
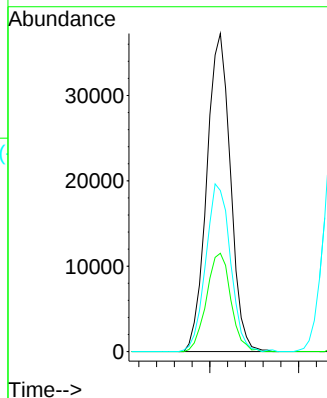
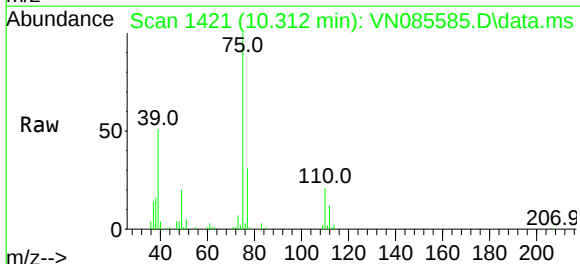
Manual Integrations
APPROVED

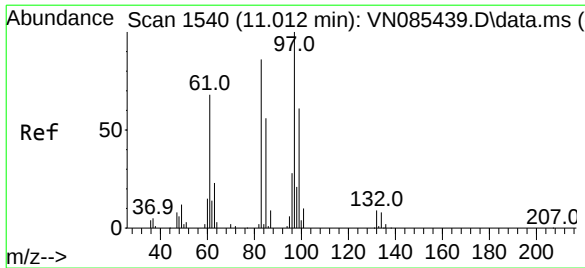
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#54
cis-1,3-Dichloropropene
Concen: 18.909 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Tgt Ion: 75 Resp: 69024
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.4
39 50.6 43.1 64.7





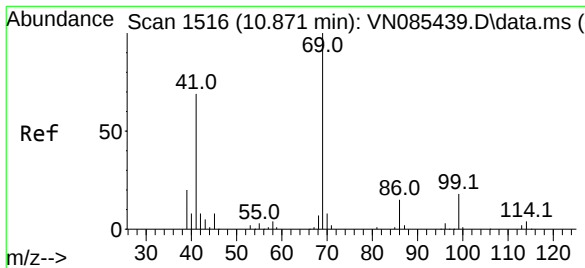
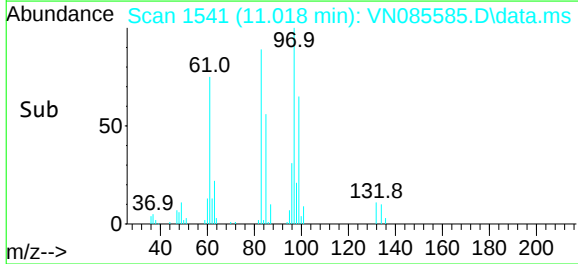
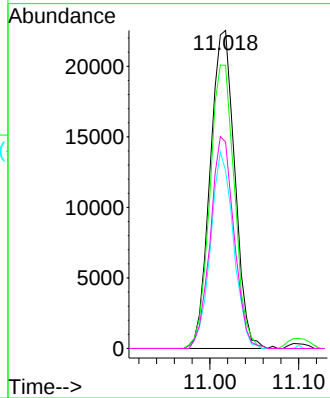
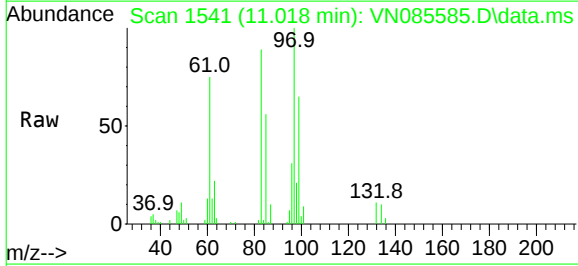
#55
1,1,2-Trichloroethane
Concen: 19.677 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.0	69.0	103.6
85	55.9	44.6	66.8
99	64.9	48.6	72.8

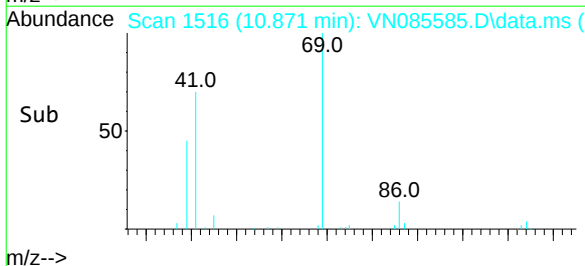
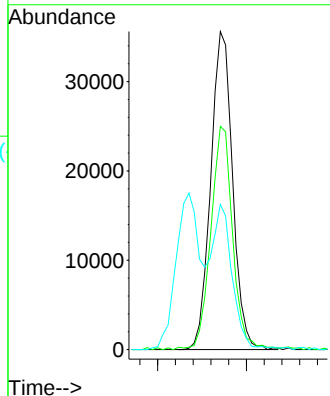
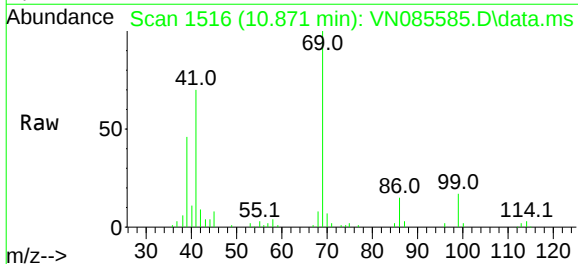
Manual Integrations
APPROVED

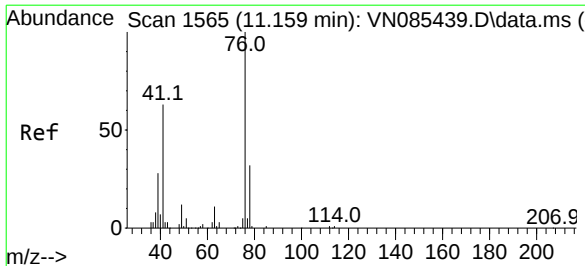
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#56
Ethyl methacrylate
Concen: 17.667 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

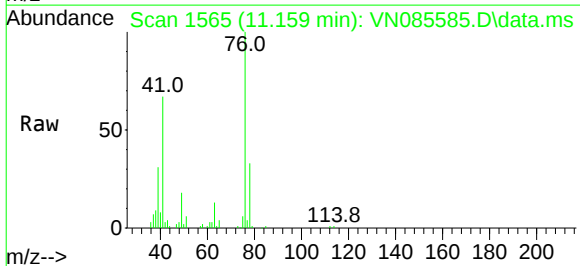
Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.1	54.6	82.0
39	43.4	32.4	48.6





#57
1,3-Dichloropropane
Concen: 18.943 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

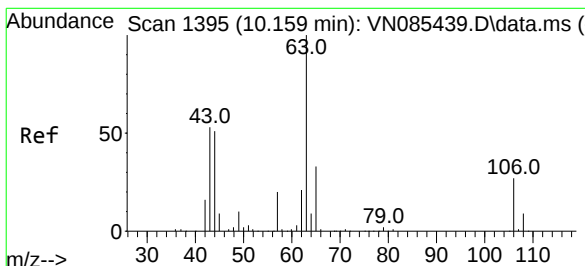
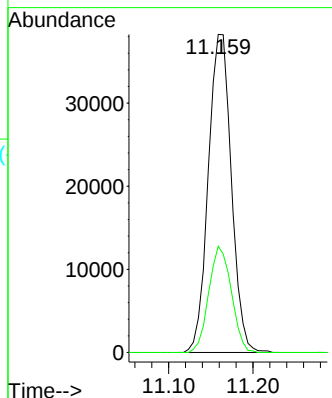
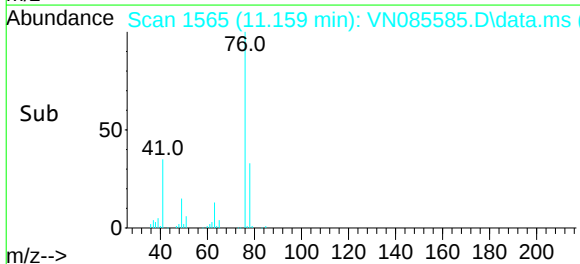
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01



Tgt Ion: 76 Resp: 72741
Ion Ratio Lower Upper
76 100
78 32.6 25.6 38.4

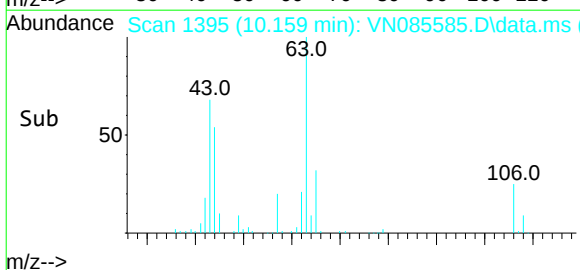
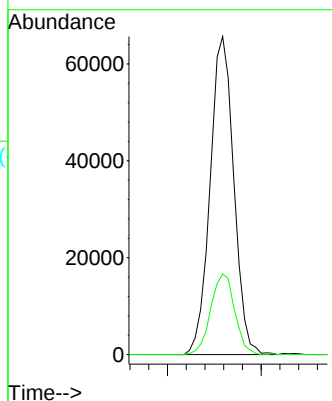
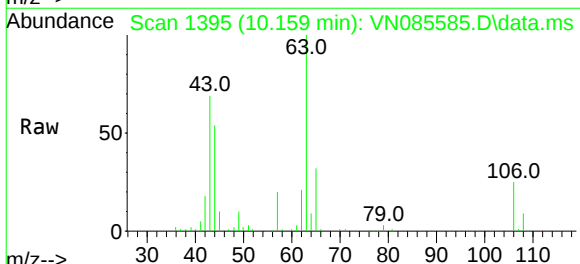
Manual Integrations
APPROVED

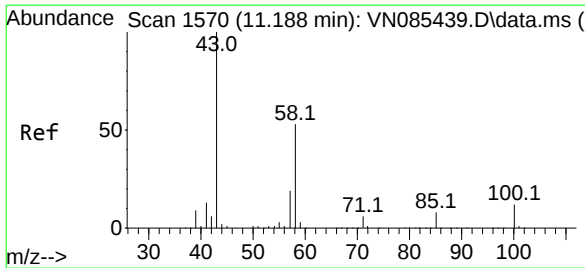
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#58
2-Chloroethyl Vinyl ether
Concen: 82.339 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Tgt Ion: 63 Resp: 115392
Ion Ratio Lower Upper
63 100
106 25.7 21.6 32.4





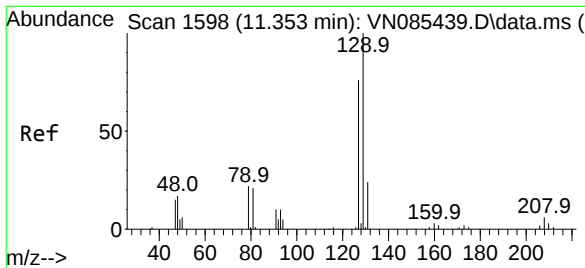
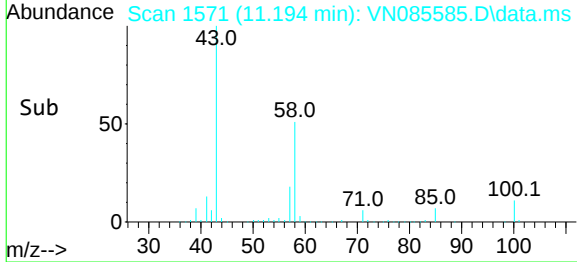
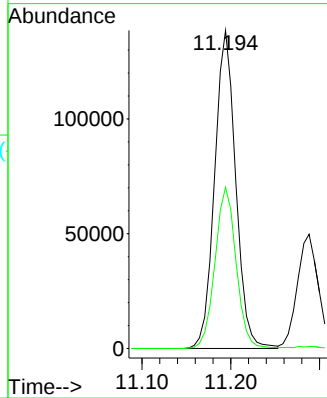
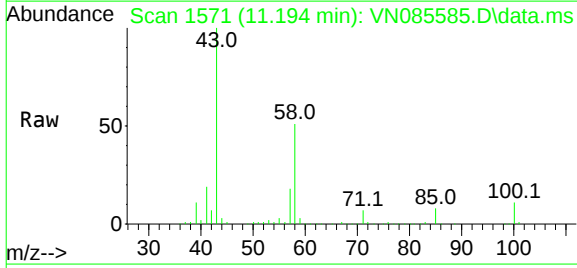
#59
2-Hexanone
Concen: 107.829 ug/l
RT: 11.194 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01

Tgt Ion: 43 Resp: 228237
Ion Ratio Lower Upper
43 100
58 50.8 26.2 78.6

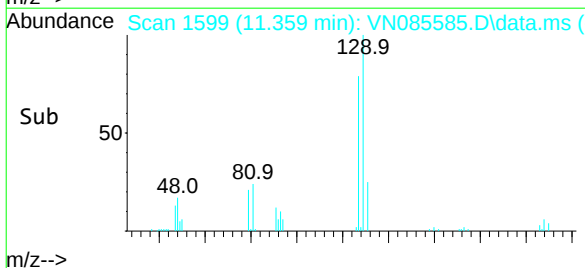
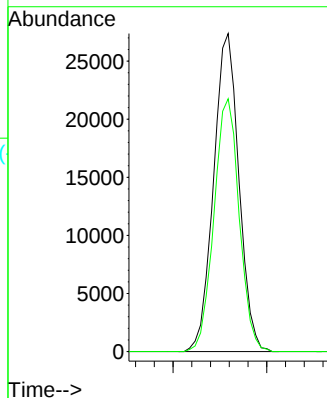
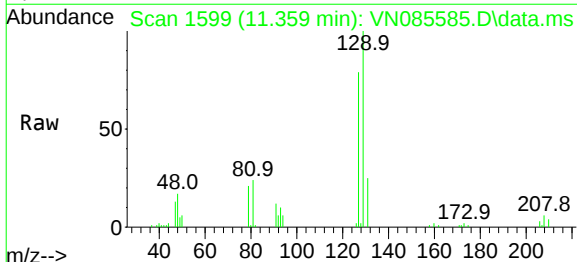
Manual Integrations
APPROVED

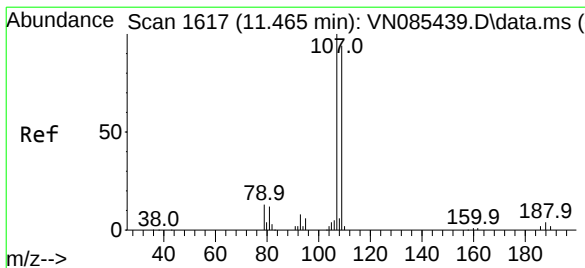
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#60
Dibromochloromethane
Concen: 19.260 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

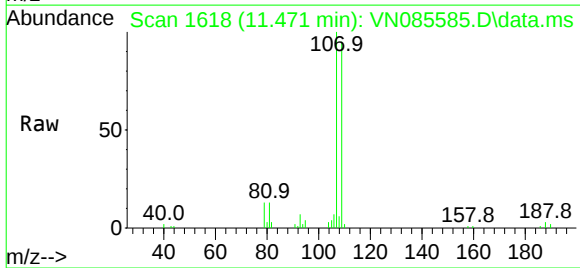
Tgt Ion:129 Resp: 51351
Ion Ratio Lower Upper
129 100
127 79.1 38.6 115.8





#61
1,2-Dibromoethane
Concen: 18.609 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

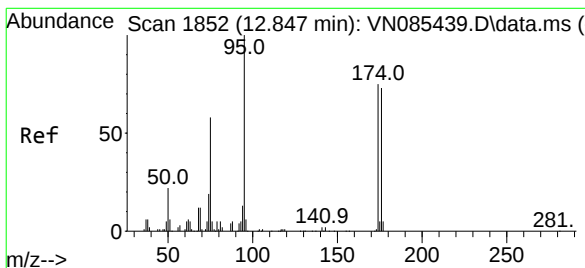
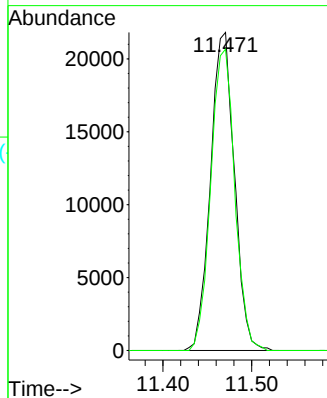
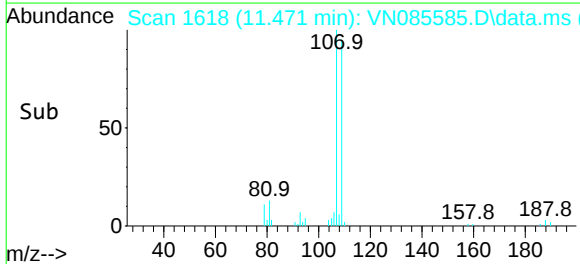
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01



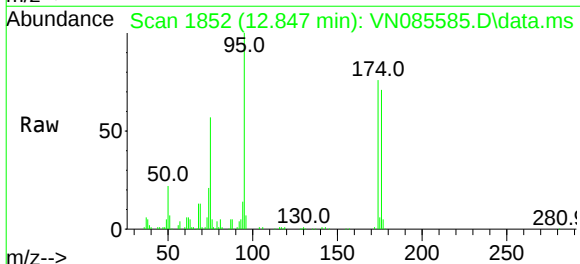
Tgt Ion: 107 Resp: 40907
Ion Ratio Lower Upper
107 100
109 94.9 75.9 113.9

Manual Integrations
APPROVED

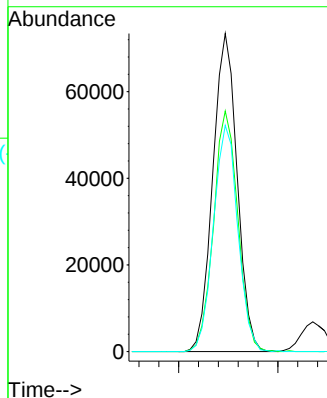
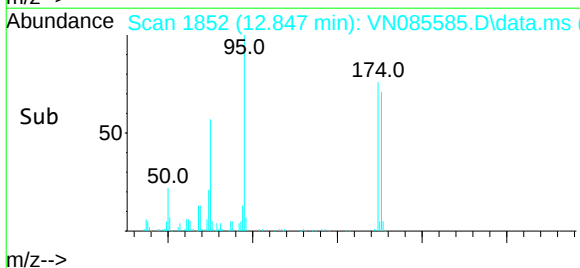
Reviewed By : John Carlone 01/31/2025
Supervised By : Semsettin Yesilyurt 01/31/2025

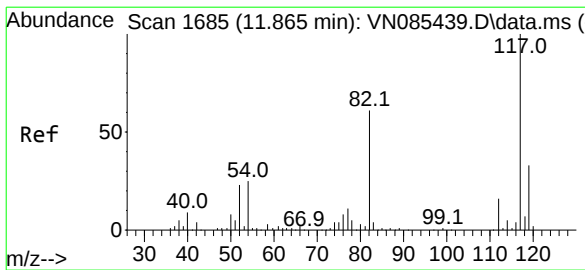


#62
4-Bromofluorobenzene
Concen: 45.072 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30



Tgt Ion: 95 Resp: 125107
Ion Ratio Lower Upper
95 100
174 75.4 0.0 145.0
176 71.3 0.0 142.4





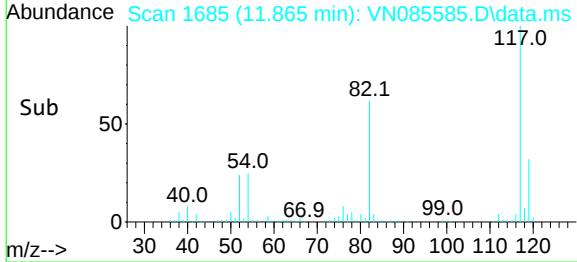
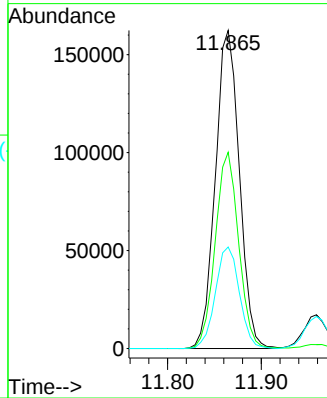
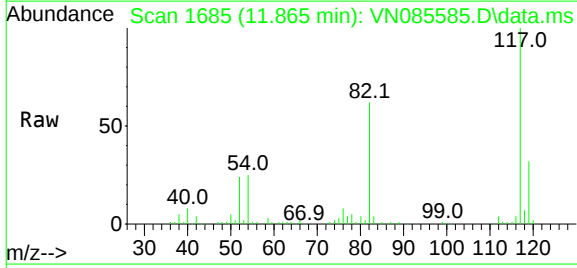
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01

Tgt Ion:117 Resp: 288555
Ion Ratio Lower Upper
117 100
82 61.7 48.6 72.8
119 31.9 26.6 39.8

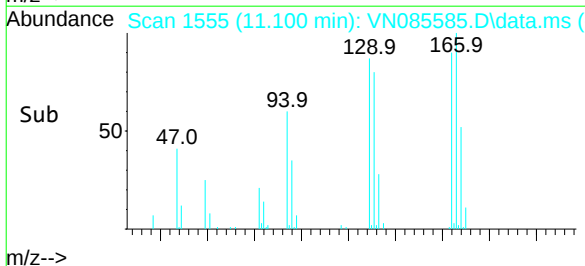
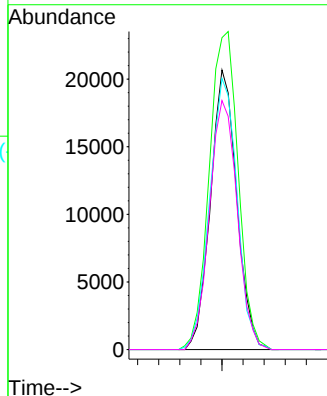
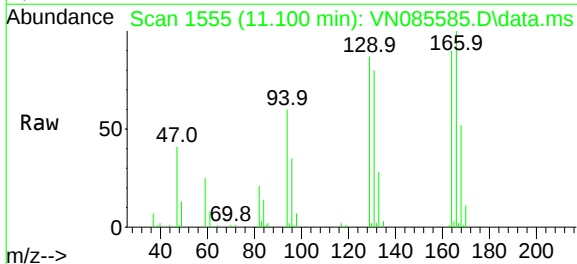
Manual Integrations
APPROVED

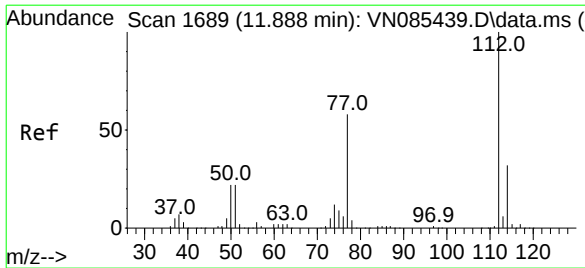
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#64
Tetrachloroethene
Concen: 18.152 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Tgt Ion:164 Resp: 35708
Ion Ratio Lower Upper
164 100
166 111.6 103.4 155.2
129 96.9 79.2 118.8
131 89.1 77.1 115.7





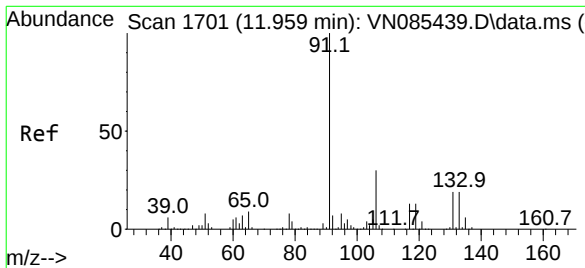
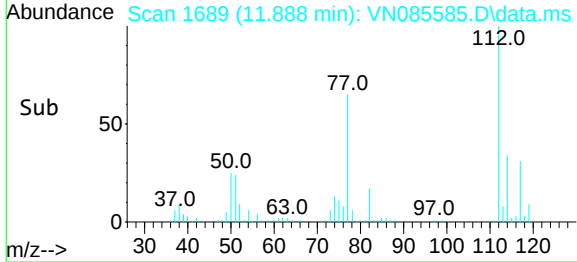
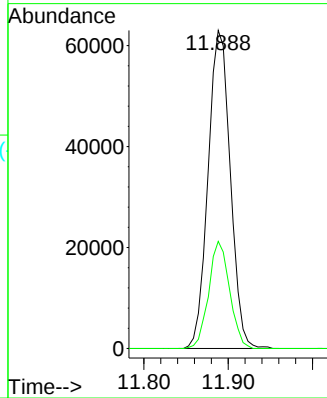
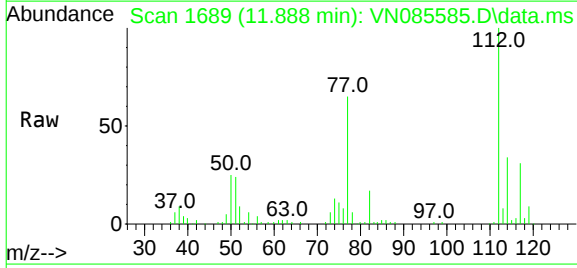
#65
Chlorobenzene
Concen: 18.240 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01

Tgt Ion:112 Resp: 115300
Ion Ratio Lower Upper
112 100
114 33.7 25.3 37.9

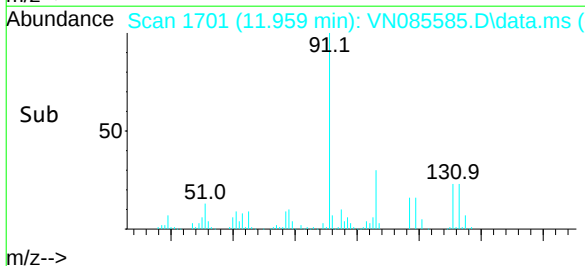
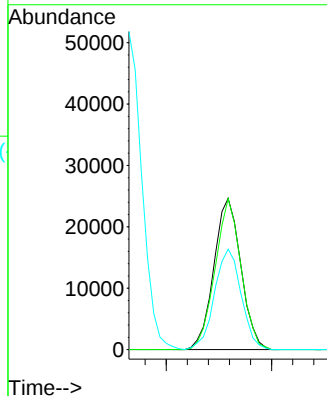
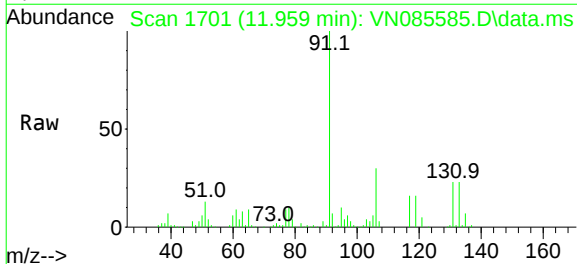
Manual Integrations
APPROVED

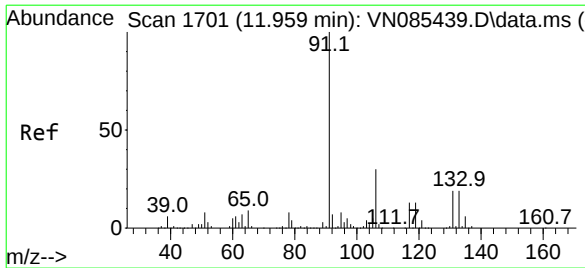
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 18.919 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Tgt Ion:131 Resp: 43893
Ion Ratio Lower Upper
131 100
133 95.3 47.4 142.3
119 65.5 33.1 99.5





#67

Ethyl Benzene

Concen: 18.065 ug/l

RT: 11.965 min Scan# 17

Delta R.T. 0.006 min

Lab File: VN085585.D

Acq: 30 Jan 2025 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN0130MBS01

Tgt Ion: 91 Resp: 185989

Ion Ratio Lower Upper

91 100

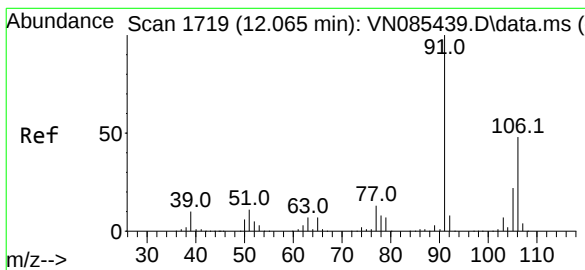
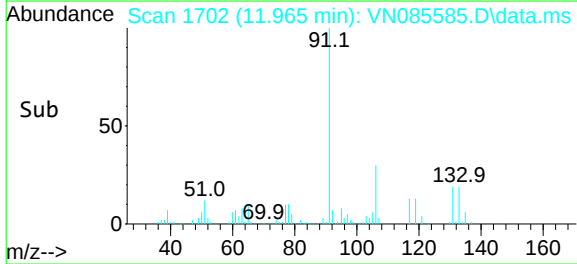
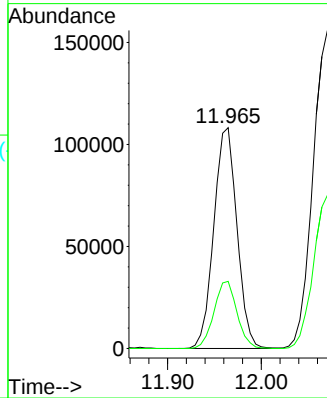
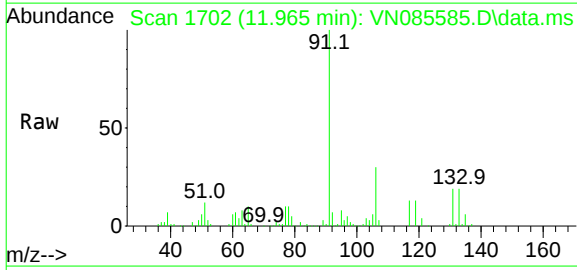
106 30.4 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#68

m/p-Xylenes

Concen: 37.458 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.006 min

Lab File: VN085585.D

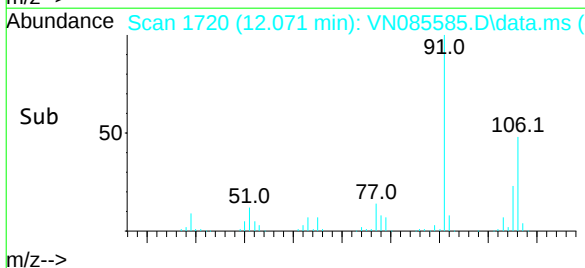
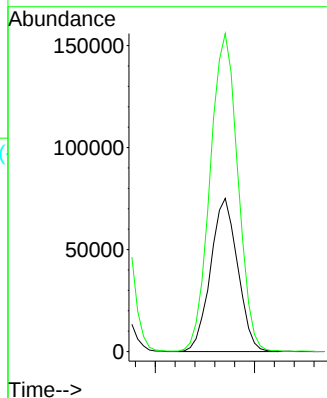
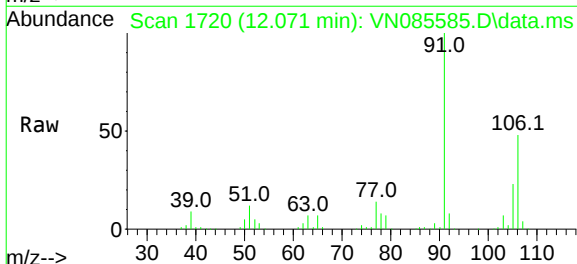
Acq: 30 Jan 2025 17:30

Tgt Ion:106 Resp: 142533

Ion Ratio Lower Upper

106 100

91 211.9 167.7 251.5





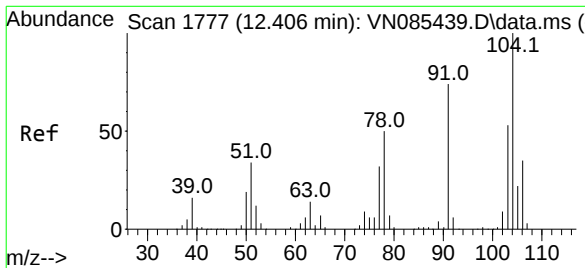
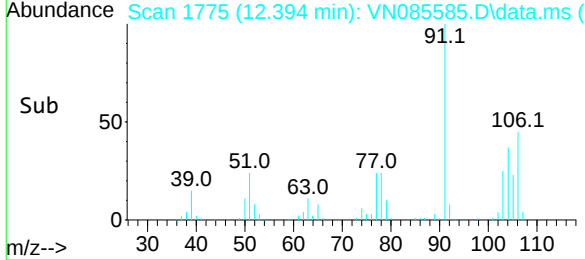
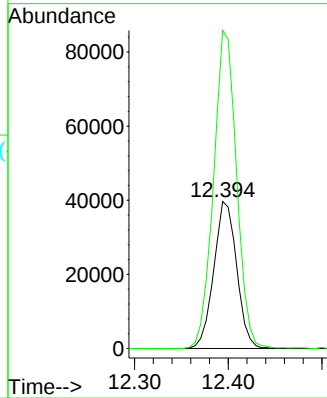
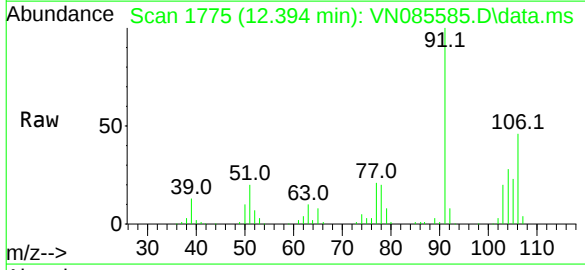
#69
o-Xylene
Concen: 18.494 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01

Tgt Ion:106 Resp: 67251
Ion Ratio Lower Upper
106 100
91 218.7 110.4 331.2

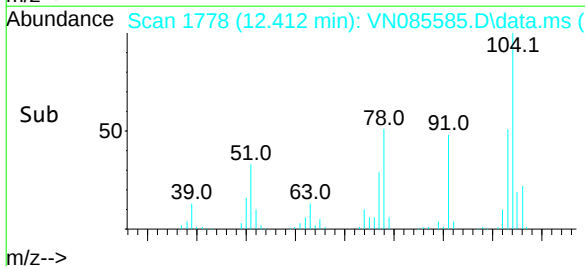
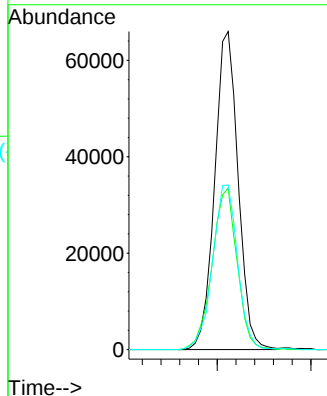
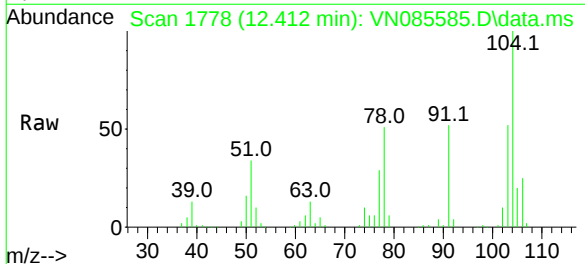
Manual Integrations
APPROVED

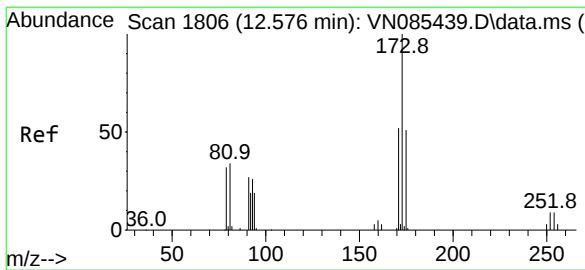
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#70
Styrene
Concen: 19.054 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Tgt Ion:104 Resp: 114673
Ion Ratio Lower Upper
104 100
78 54.1 42.5 63.7
103 55.3 43.8 65.8





#71

Bromoform

Concen: 20.552 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085585.D

Acq: 30 Jan 2025 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN0130MBS01

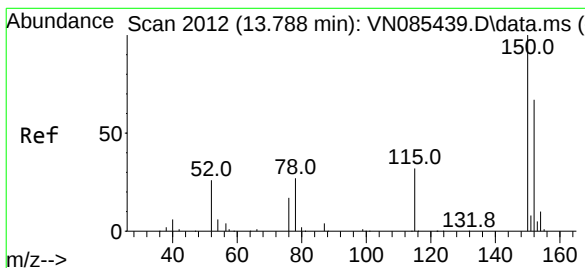
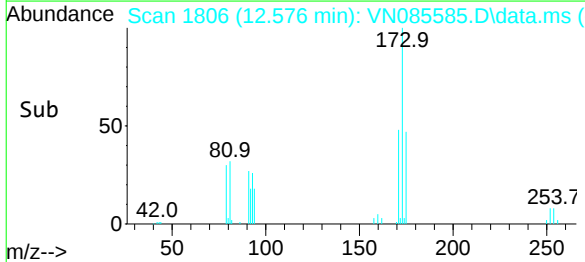
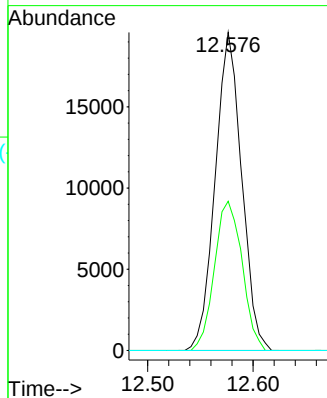
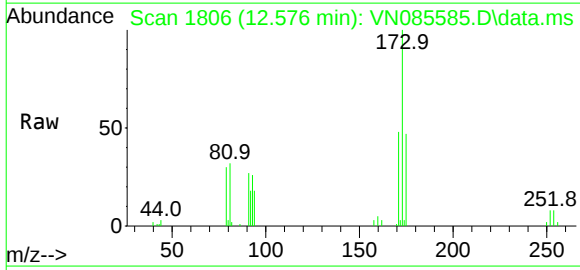
Tgt Ion:	173	Resp:	34117
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.4	73.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

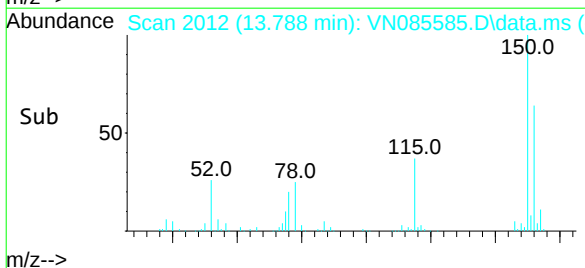
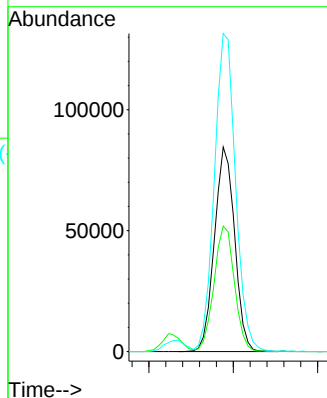
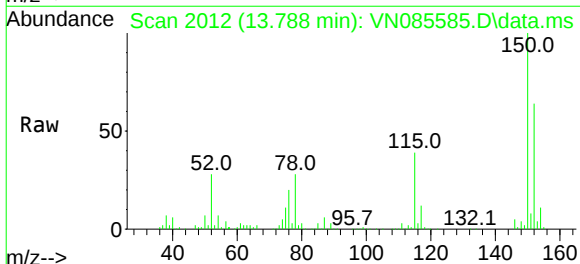
RT: 13.788 min Scan# 2012

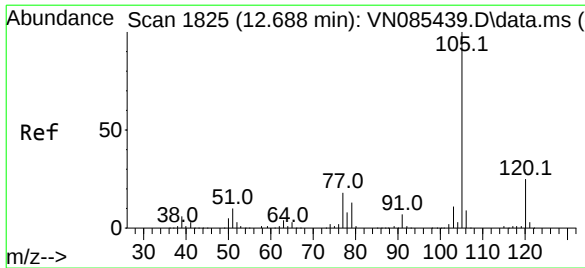
Delta R.T. -0.000 min

Lab File: VN085585.D

Acq: 30 Jan 2025 17:30

Tgt Ion:	152	Resp:	140777
Ion Ratio	Lower	Upper	
152	100		
115	62.3	31.1	93.3
150	163.7	0.0	343.6





#73

Isopropylbenzene

Concen: 18.075 ug/l

RT: 12.694 min Scan# 1825

Delta R.T. 0.006 min

Lab File: VN085585.D

Acq: 30 Jan 2025 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN0130MBS01

Tgt Ion: 105 Resp: 171738

Ion Ratio Lower Upper

105 100

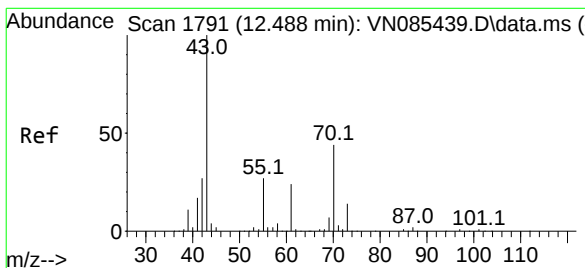
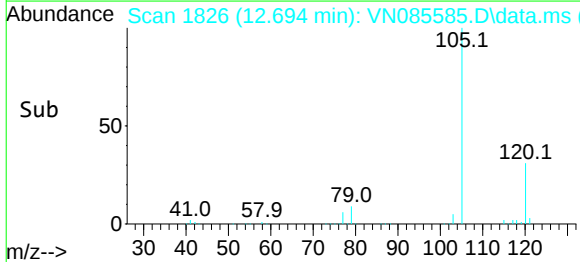
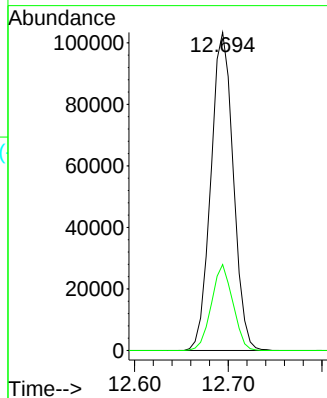
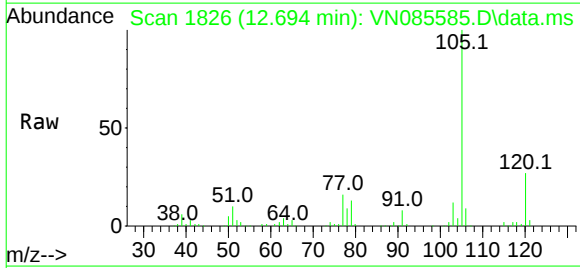
120 25.8 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#74

N-ethyl acetate

Concen: 19.278 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN085585.D

Acq: 30 Jan 2025 17:30

Tgt Ion: 43 Resp: 82330

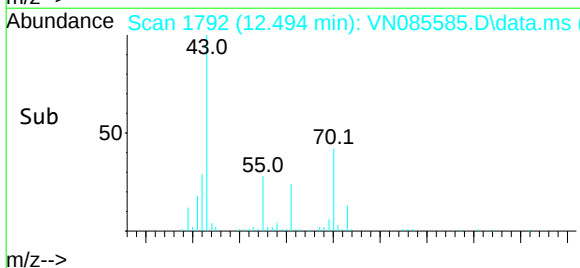
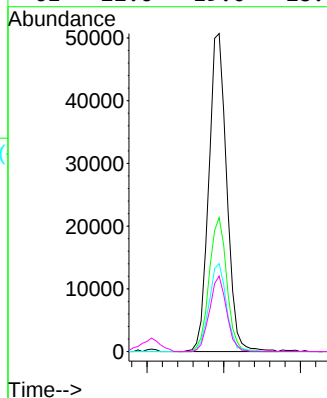
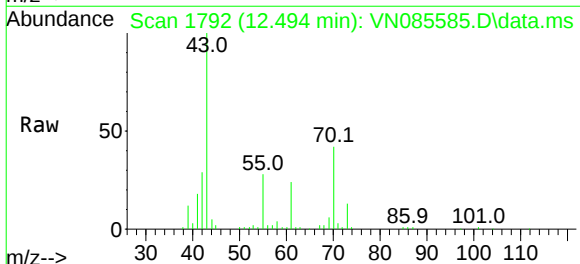
Ion Ratio Lower Upper

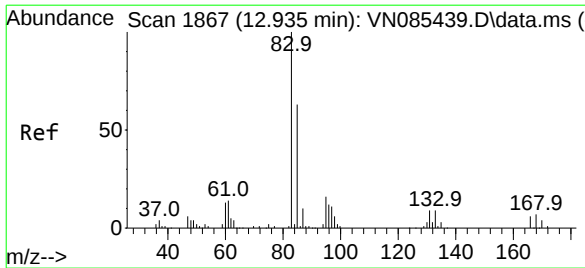
43 100

70 41.2 34.0 51.0

55 27.1 21.4 32.2

61 22.6 19.0 28.4





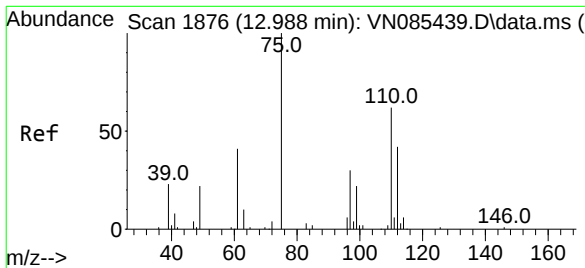
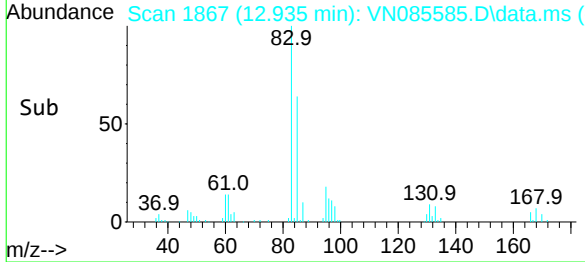
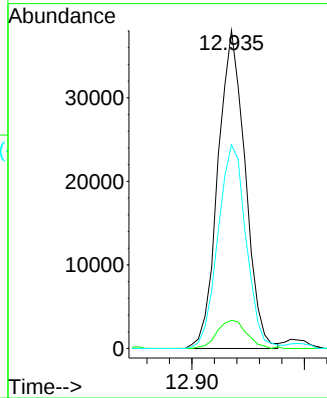
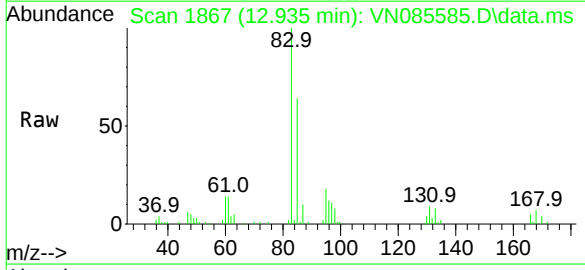
#75
1,1,2,2-Tetrachloroethane
Concen: 19.052 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01

Tgt Ion:	83	Resp:	63942
Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.8	14.4
85	66.3	32.2	96.6

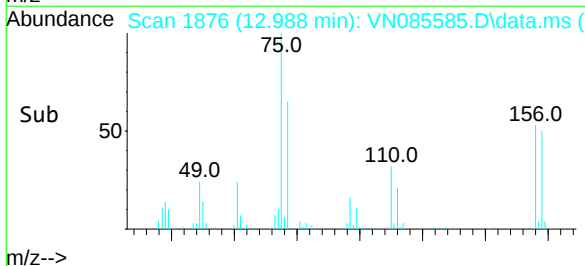
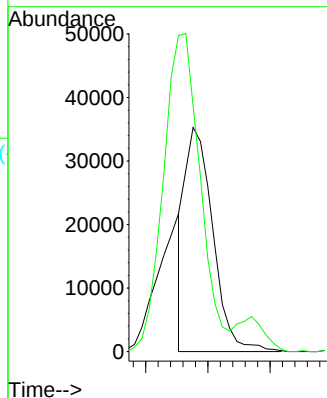
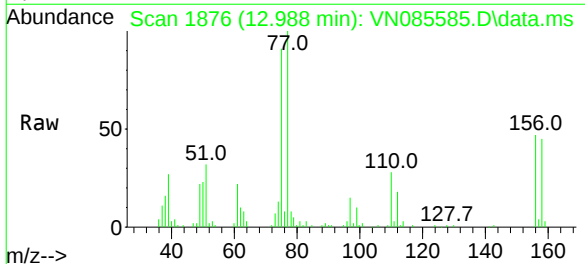
Manual Integrations
APPROVED

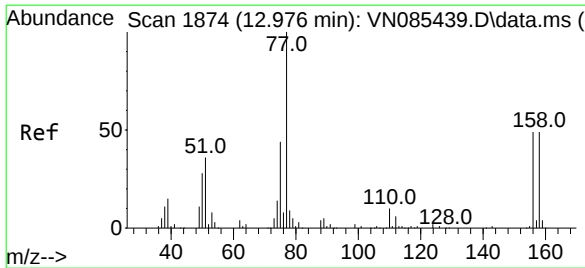
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#76
1,2,3-Trichloropropane
Concen: 19.249 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

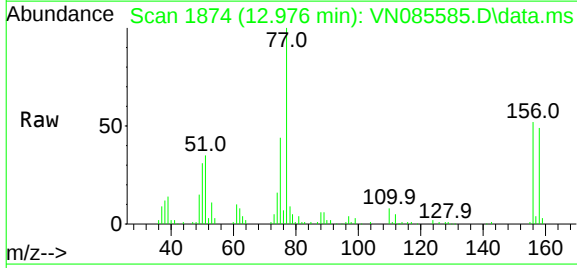
Tgt Ion:	75	Resp:	55079
Ion	Ratio	Lower	Upper
75	100		
77	187.1	109.7	329.2





#77
Bromobenzene
Concen: 18.261 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

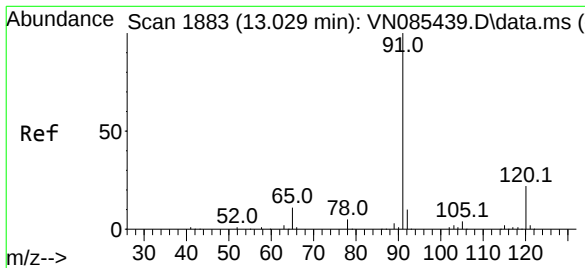
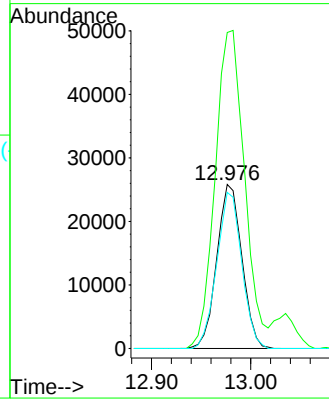
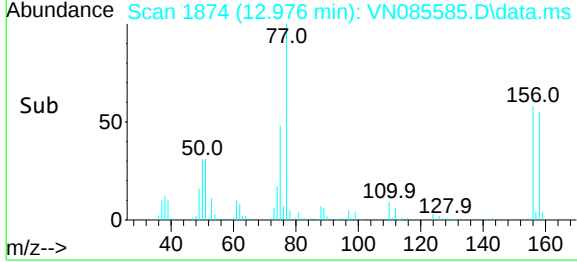
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01



Tgt Ion: 156 Resp: 45331
Ion Ratio Lower Upper
156 100
77 227.3 114.1 342.4
158 94.9 48.9 146.8

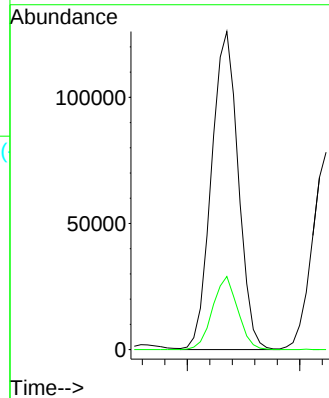
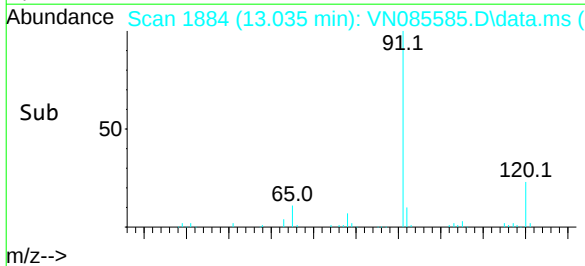
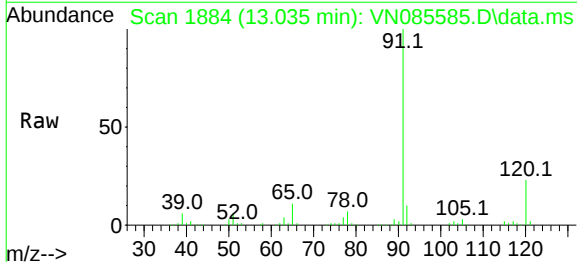
Manual Integrations
APPROVED

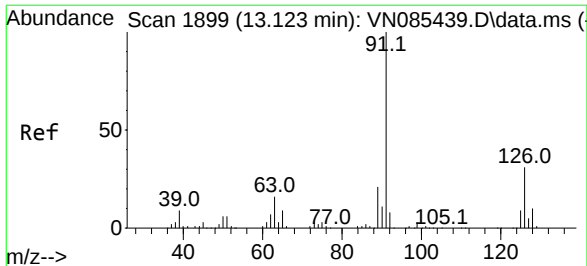
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#78
n-propylbenzene
Concen: 18.567 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Tgt Ion: 91 Resp: 208840
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.6





#79

2-Chlorotoluene

Concen: 18.191 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN085585.D

Acq: 30 Jan 2025 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN0130MBS01

Tgt Ion: 91 Resp: 132421

Ion Ratio Lower Upper

91 100

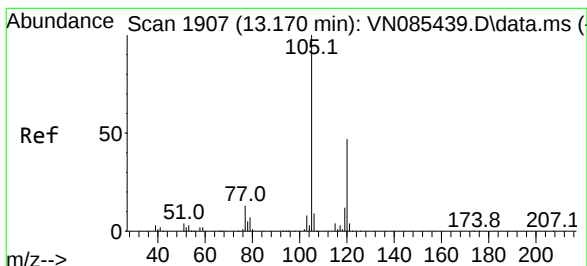
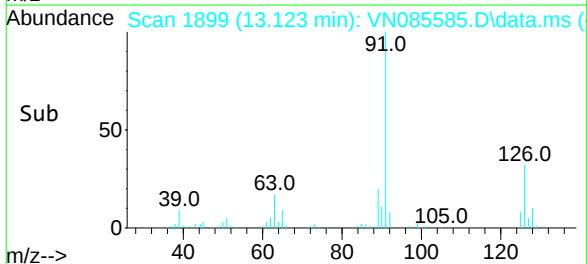
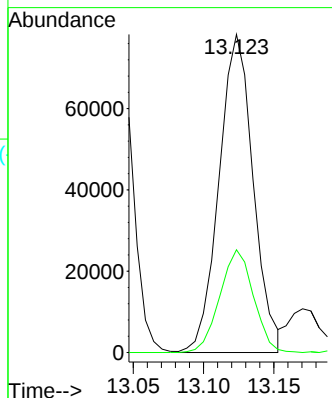
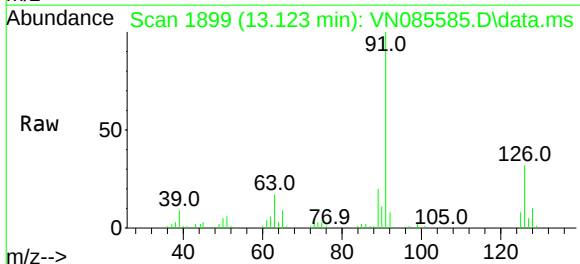
126 31.7 15.7 47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#80

1,3,5-Trimethylbenzene

Concen: 18.796 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN085585.D

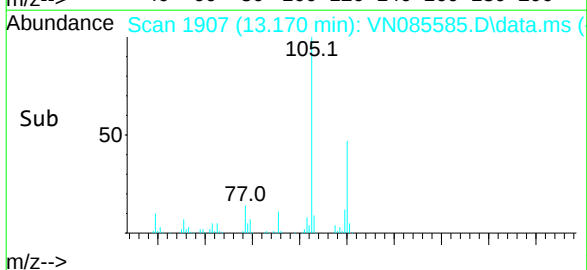
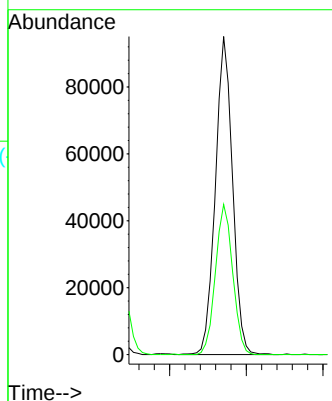
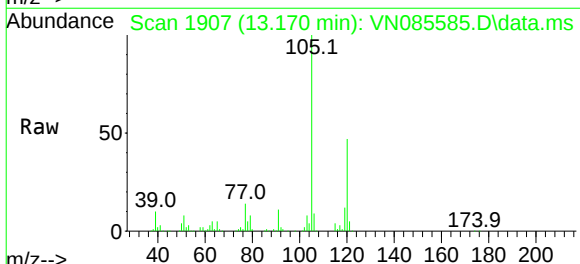
Acq: 30 Jan 2025 17:30

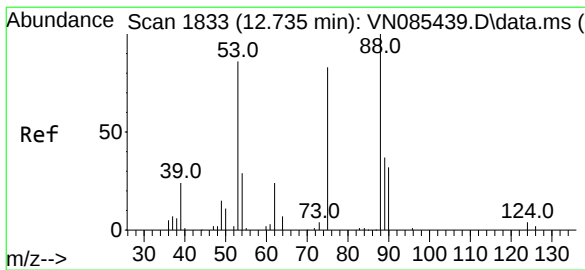
Tgt Ion:105 Resp: 147515

Ion Ratio Lower Upper

105 100

120 47.4 23.9 71.7





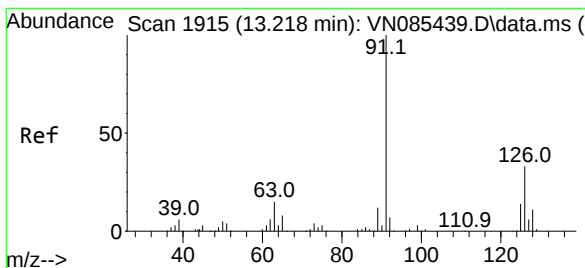
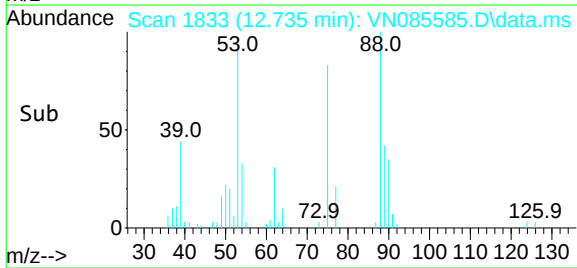
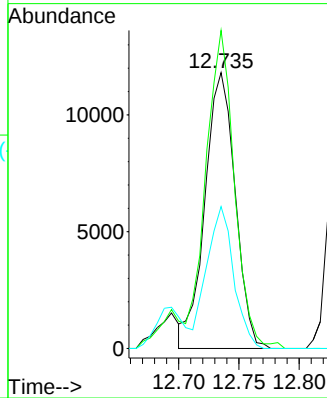
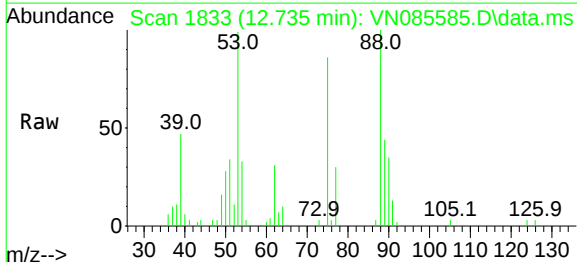
#81
trans-1,4-Dichloro-2-butene
Concen: 19.519 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01

Tgt Ion: 75 Resp: 20643
Ion Ratio Lower Upper
75 100
53 107.9 95.6 143.4
89 45.5 37.0 55.6

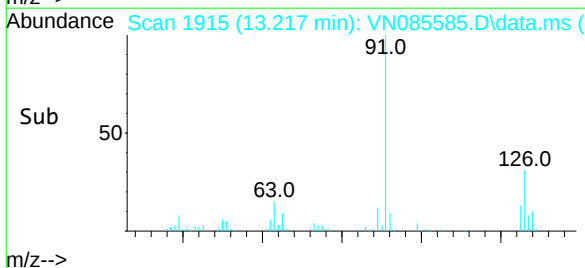
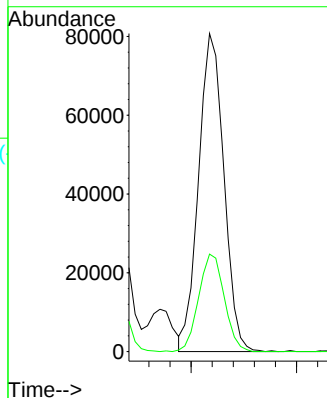
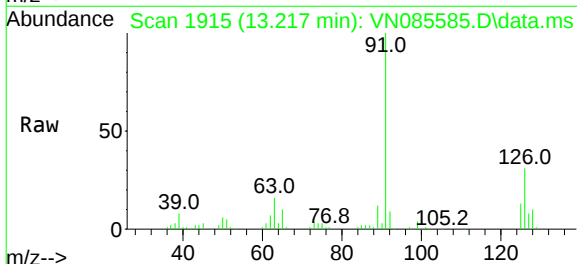
Manual Integrations
APPROVED

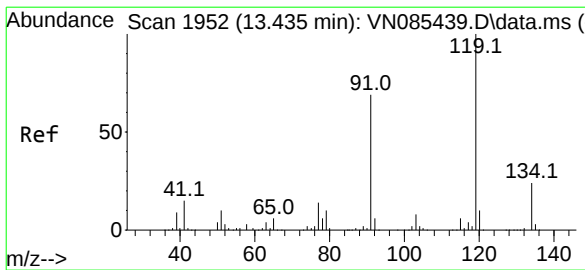
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#82
4-Chlorotoluene
Concen: 18.556 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Tgt Ion: 91 Resp: 134495
Ion Ratio Lower Upper
91 100
126 31.0 15.9 47.7





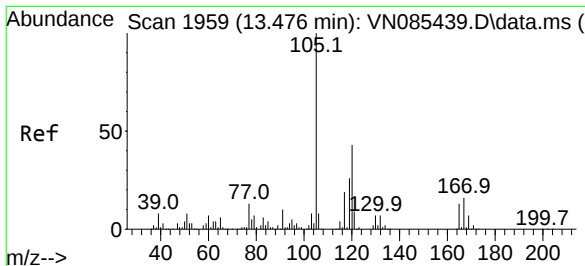
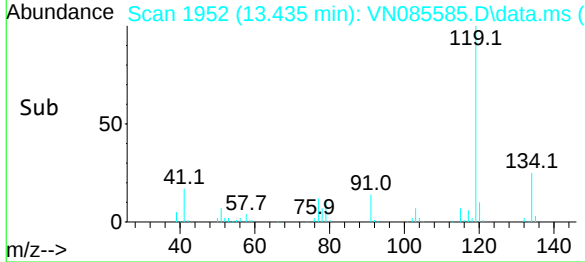
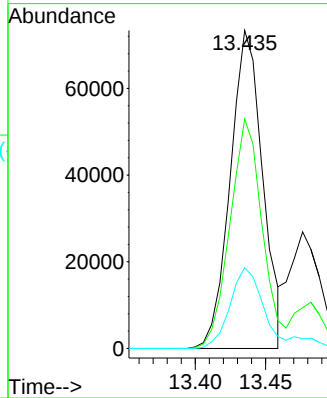
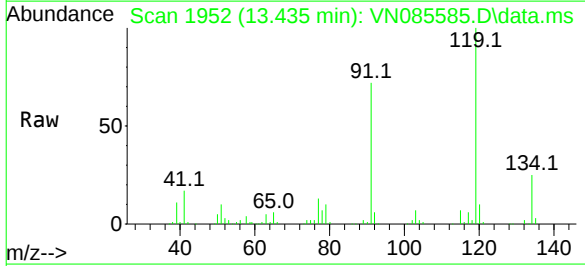
#83
tert-Butylbenzene
Concen: 17.859 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01

Tgt Ion:119 Resp: 117702
Ion Ratio Lower Upper
119 100
91 72.0 35.1 105.3
134 25.7 12.0 36.1

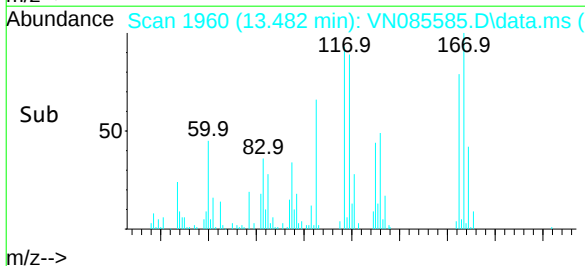
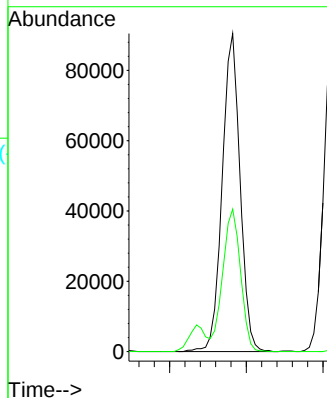
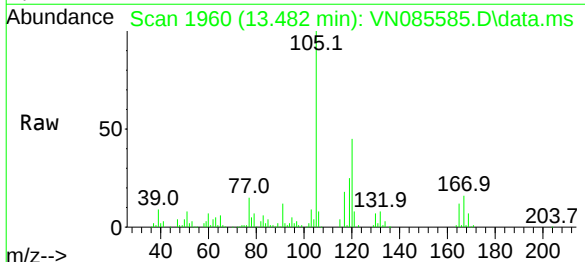
Manual Integrations
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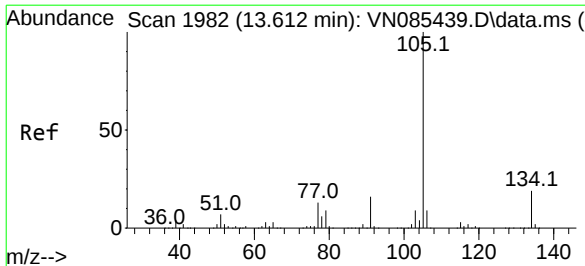
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#84
1,2,4-Trimethylbenzene
Concen: 18.696 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

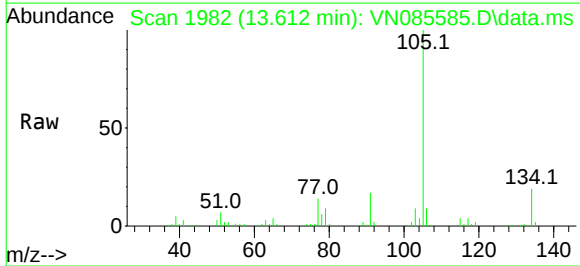
Tgt Ion:105 Resp: 146239
Ion Ratio Lower Upper
105 100
120 44.7 21.6 65.0





#85
sec-Butylbenzene
Concen: 18.591 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

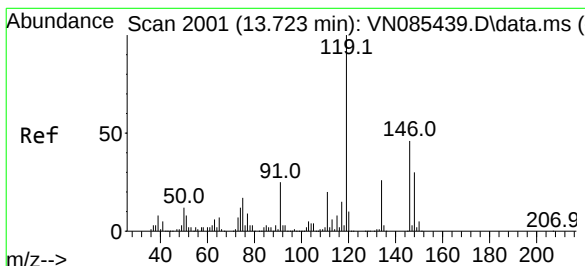
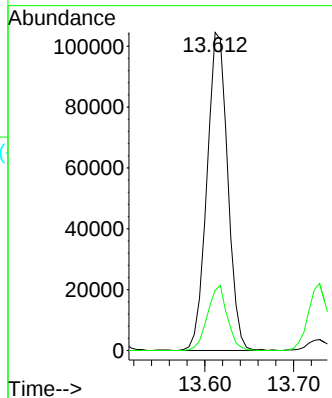
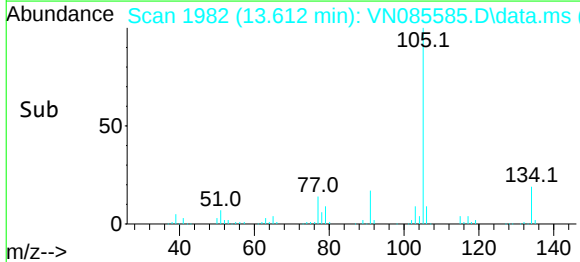
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01



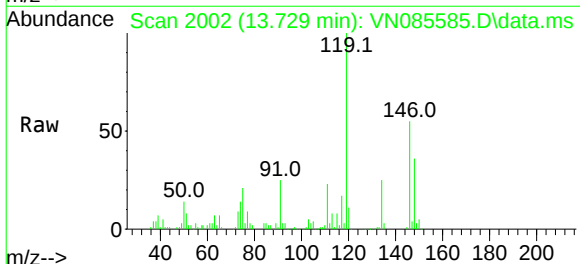
Tgt Ion:105 Resp: 169819
Ion Ratio Lower Upper
105 100
134 19.4 9.7 28.9

Manual Integrations
APPROVED

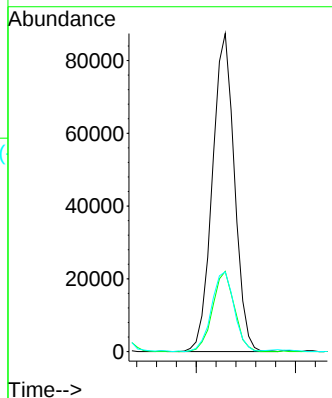
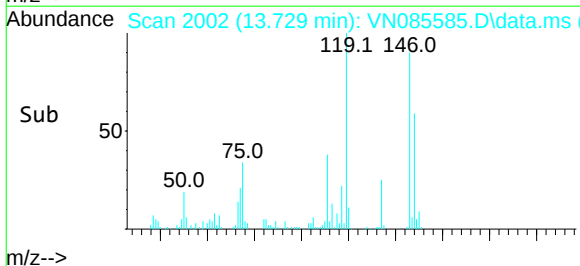
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025

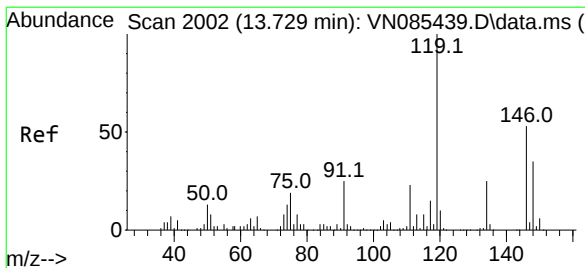


#86
p-Isopropyltoluene
Concen: 17.853 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30



Tgt Ion:119 Resp: 135122
Ion Ratio Lower Upper
119 100
134 24.9 12.7 38.0
91 25.9 12.7 38.1





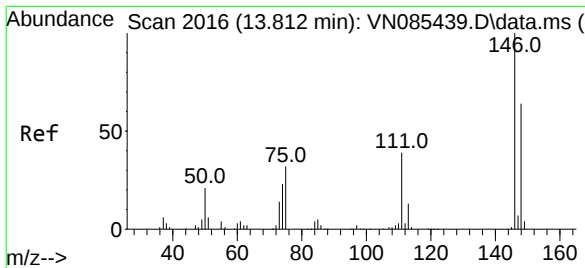
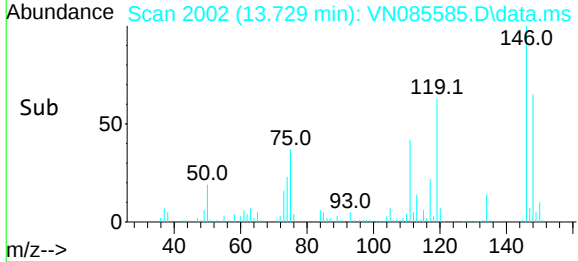
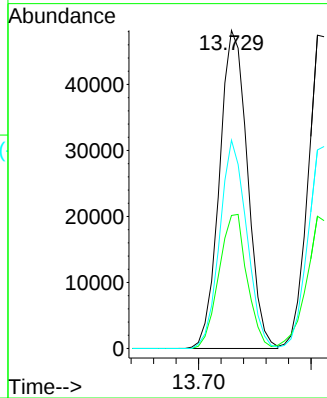
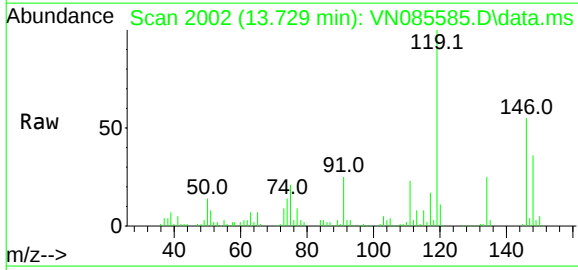
#87
1,3-Dichlorobenzene
Concen: 18.231 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01

Tgt Ion:	146	Resp:	83343
Ion Ratio	Lower	Upper	
146	100		
111	42.3	21.4	64.3
148	63.1	32.3	96.9

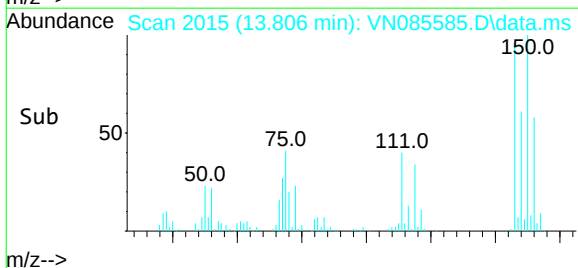
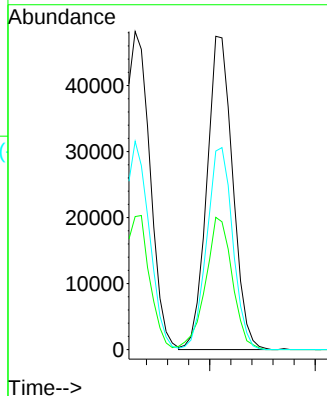
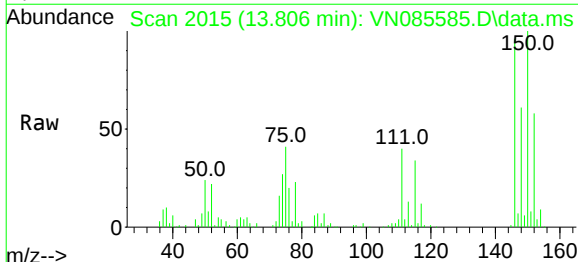
Manual Integrations
APPROVED

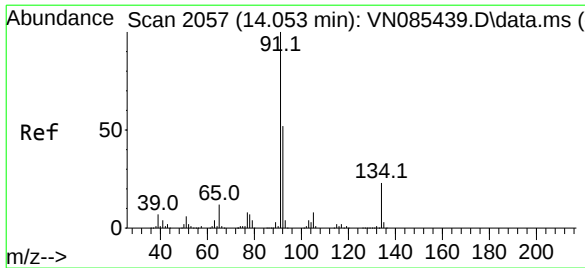
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#88
1,4-Dichlorobenzene
Concen: 17.059 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Tgt Ion:	146	Resp:	80834
Ion Ratio	Lower	Upper	
146	100		
111	43.6	21.3	63.7
148	65.0	32.4	97.0





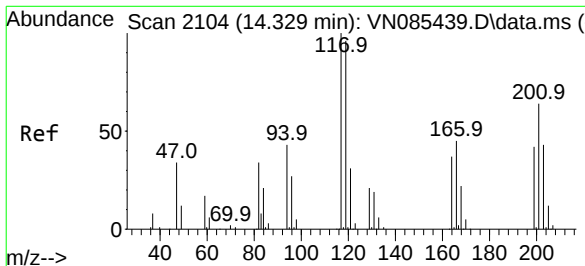
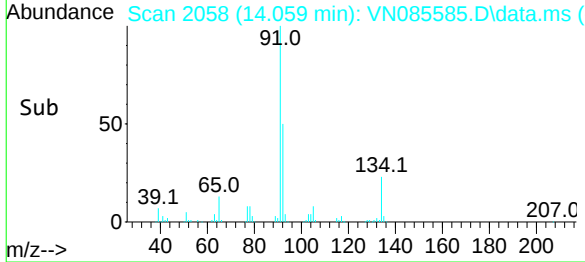
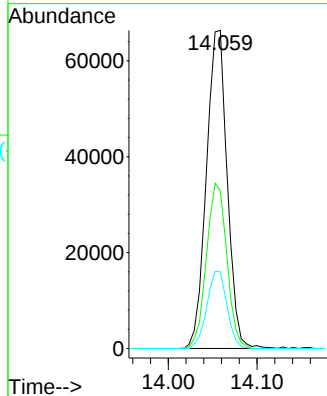
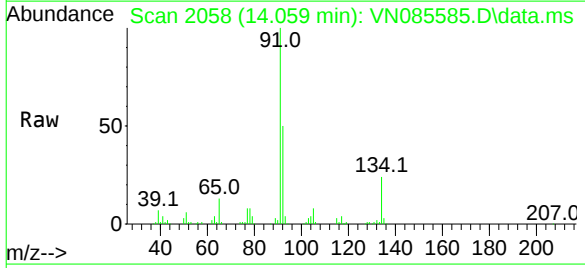
#89
n-Butylbenzene
Concen: 16.534 ug/l
RT: 14.059 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.8	25.8	77.3
134	23.5	11.7	35.1

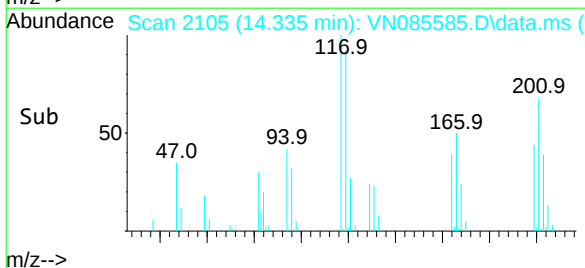
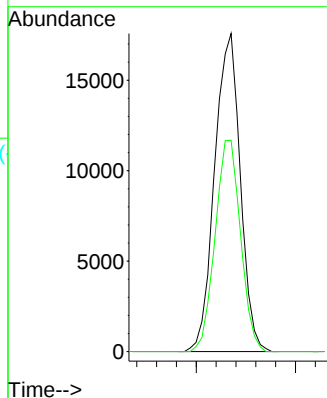
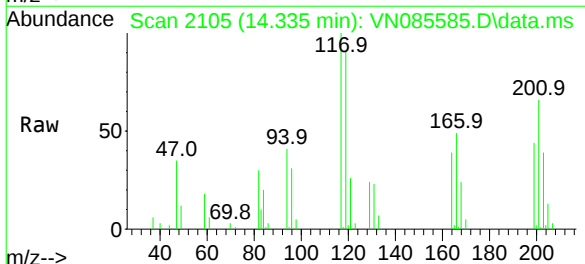
Manual Integrations
APPROVED

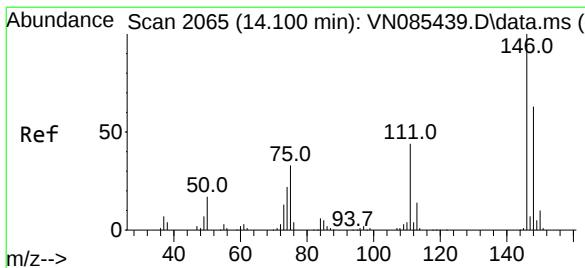
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025



#90
Hexachloroethane
Concen: 18.153 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.9	33.7	101.0





#91

1,2-Dichlorobenzene

Concen: 17.651 ug/l

RT: 14.106 min Scan# 2065

Delta R.T. 0.006 min

Lab File: VN085585.D

Acq: 30 Jan 2025 17:30

Instrument :

MSVOA_N

ClientSampleId :

VN0130MBS01

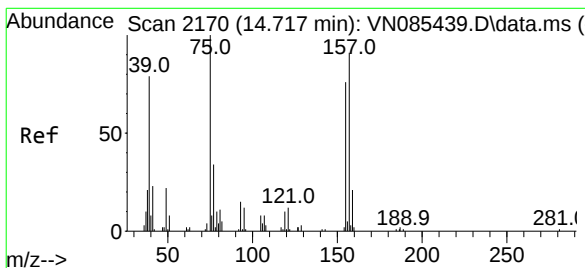
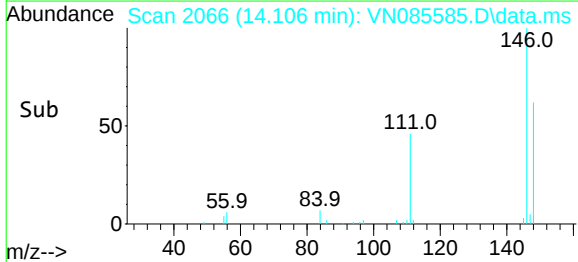
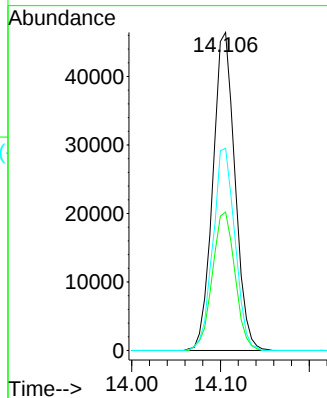
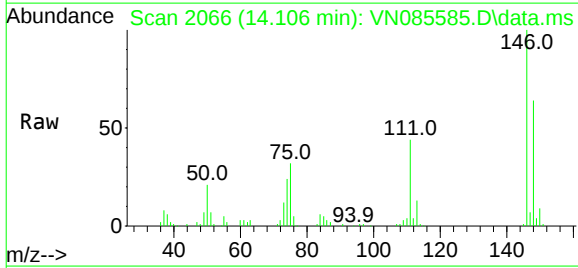
Tgt Ion:	146	Resp:	80488
Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.7	65.1
148	63.3	31.4	94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2025

Supervised By :Semsettin Yesilyurt 01/31/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.567 ug/l

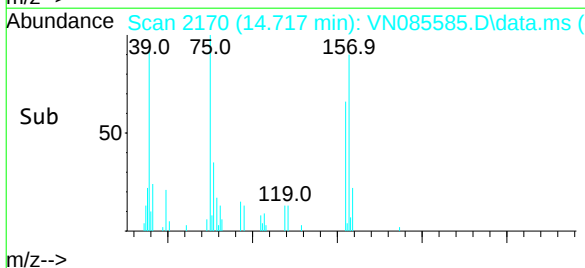
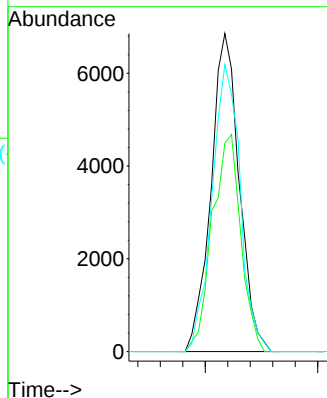
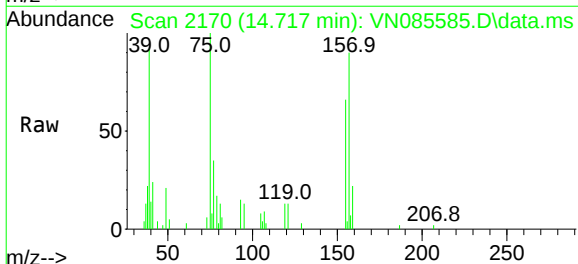
RT: 14.717 min Scan# 2170

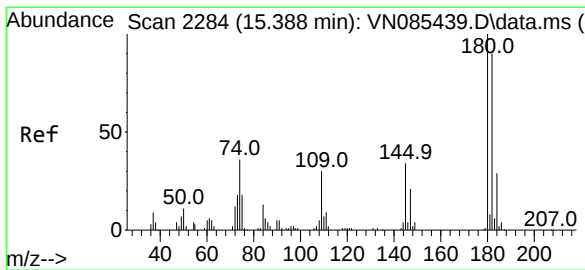
Delta R.T. -0.000 min

Lab File: VN085585.D

Acq: 30 Jan 2025 17:30

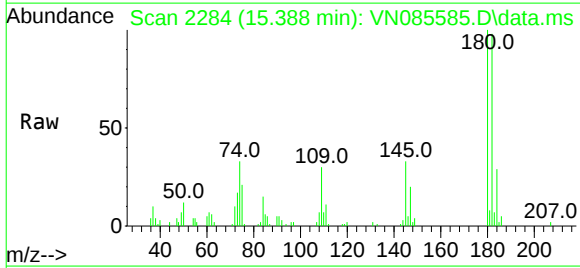
Tgt Ion:	75	Resp:	11992
Ion	Ratio	Lower	Upper
75	100		
155	68.7	36.4	109.2
157	89.9	45.4	136.1





#93
1,2,4-Trichlorobenzene
Concen: 15.811 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30

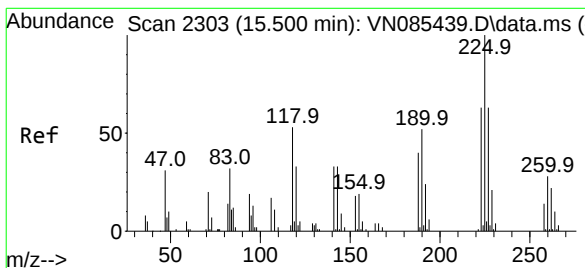
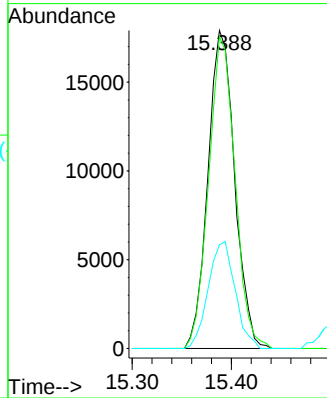
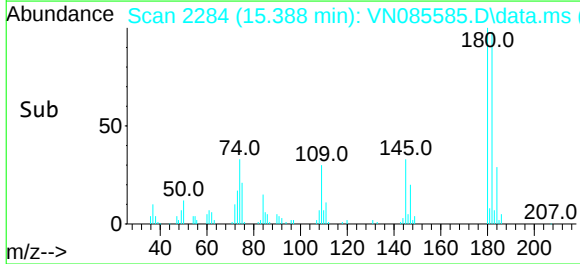
Instrument :
MSVOA_N
ClientSampleId :
VN0130MBS01



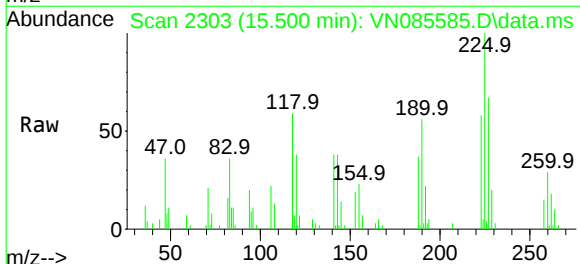
Tgt Ion:180 Resp: 33508
Ion Ratio Lower Upper
180 100
182 96.9 46.8 140.3
145 33.8 16.0 48.0

Manual Integrations
APPROVED

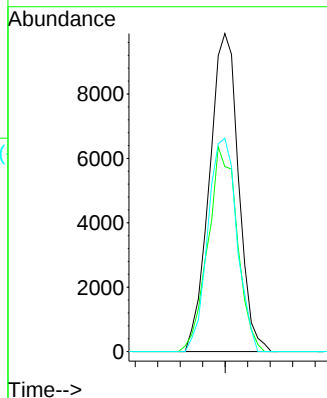
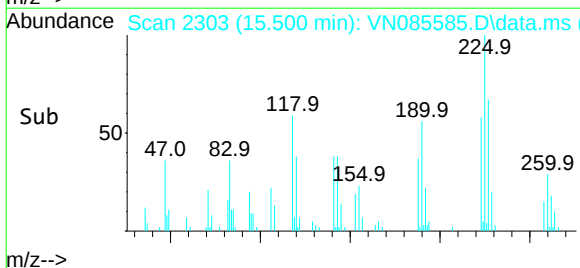
Reviewed By :John Carlone 01/31/2025
Supervised By :Semsettin Yesilyurt 01/31/2025

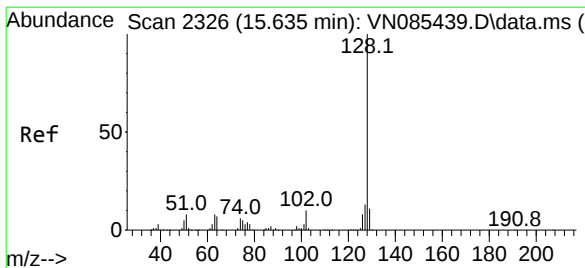


#94
Hexachlorobutadiene
Concen: 15.817 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN085585.D
Acq: 30 Jan 2025 17:30



Tgt Ion:225 Resp: 17797
Ion Ratio Lower Upper
225 100
223 64.4 30.7 92.1
227 66.9 30.9 92.5





#95

Naphthalene

Concen: 15.279 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN085585.D

Acq: 30 Jan 2025 17:30

Instrument :

MSVOA_N

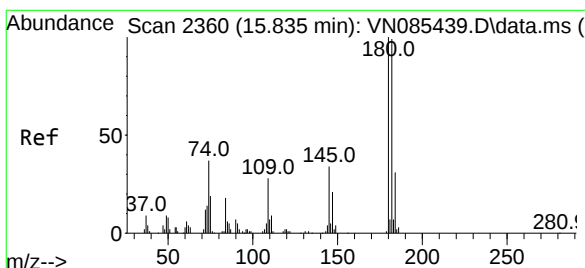
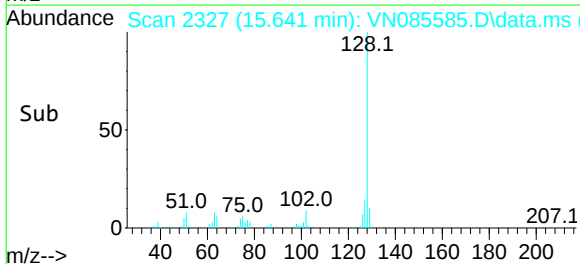
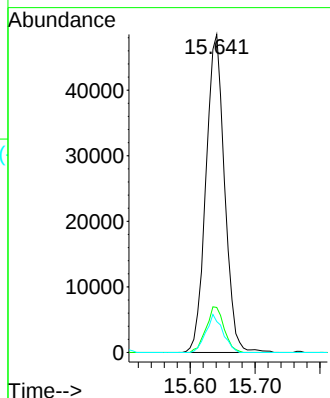
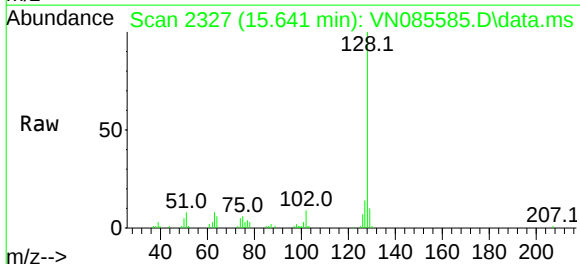
ClientSampleId :

VN0130MBS01

Tgt Ion:	128	Resp:	96630
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.6	16.0
129	10.8	8.8	13.2

Manual Integrations
APPROVED

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



#96

1,2,3-Trichlorobenzene

Concen: 16.565 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085585.D

Acq: 30 Jan 2025 17:30

Tgt Ion:	180	Resp:	35523
Ion Ratio	Lower	Upper	
180	100		
182	92.4	47.4	142.2
145	33.9	16.9	50.7

