

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012925\
 Data File : VN085550.D
 Acq On : 29 Jan 2025 12:06
 Operator : JC\MD
 Sample : VN0129WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 30 00:30:53 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	180587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	341456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	305749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	123478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	167019	57.295	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.600%
35) Dibromofluoromethane	8.165	113	127269	53.726	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.460%
50) Toluene-d8	10.565	98	422891	50.245	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.500%
62) 4-Bromofluorobenzene	12.847	95	139125	48.323	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	1438	0.588	ug/l	82
3) Chloromethane	2.359	50	2260	0.854	ug/l	92
4) Vinyl Chloride	2.512	62	1676	0.630	ug/l #	85
5) Bromomethane	2.959	94	1375	0.855	ug/l	94
6) Chloroethane	3.118	64	1194	0.708	ug/l #	44
7) Trichlorofluoromethane	3.495	101	1919	0.497	ug/l #	71
9) 1,1,2-Trichlorotrifluo...	4.365	101	636	0.292	ug/l #	62
12) 1,1-Dichloroethene	4.348	96	829	0.428	ug/l #	58
16) Acetone	4.453	43	1464	1.554	ug/l #	45
17) Carbon Disulfide	4.712	76	3620	0.607	ug/l #	92
18) Methyl Acetate	5.030	43	1625	0.567	ug/l #	60
19) Methyl tert-butyl Ether	5.806	73	2764	0.439	ug/l #	53
20) Methylene Chloride	5.259	84	1456	0.624	ug/l #	49
21) trans-1,2-Dichloroethene	5.794	96	1080	0.521	ug/l #	70
24) 1,1-Dichloroethane	6.571	63	1956	0.460	ug/l #	84
25) 2-Butanone	7.477	43	1407	1.015	ug/l #	50
27) cis-1,2-Dichloroethene	7.494	96	888	0.364	ug/l	97
28) Bromochloromethane	7.806	49	1118	0.565	ug/l #	70
30) Chloroform	7.959	83	2318	0.527	ug/l #	82
31) Cyclohexane	8.224	56	6563	1.774	ug/l #	36
32) 1,1,1-Trichloroethane	8.171	97	1975	0.512	ug/l #	47
36) 1,1-Dichloropropene	8.218	75	17155	5.160	ug/l #	52
37) Ethyl Acetate	7.477	43	1407	0.419	ug/l #	1
38) Carbon Tetrachloride	8.353	117	1560	0.410	ug/l #	65
39) Methylcyclohexane	9.606	83	1175	0.376	ug/l #	93
40) Benzene	8.600	78	4229	0.423	ug/l	92
42) 1,2-Dichloroethane	8.659	62	2167	0.576	ug/l #	76
43) Isopropyl Acetate	8.683	43	1873	0.348	ug/l #	55
44) Trichloroethene	9.347	130	1106	0.476	ug/l	96
45) 1,2-Dichloropropane	9.624	63	1090	0.427	ug/l #	43
47) Bromodichloromethane	9.888	83	1669	0.445	ug/l #	95
48) Methyl methacrylate	9.606	41	1169	0.483	ug/l #	32
51) 4-Methyl-2-Pentanone	10.441	43	2251	0.721	ug/l #	80
52) Toluene	10.629	92	2569	0.444	ug/l	94
53) t-1,3-Dichloropropene	10.835	75	1682	0.475	ug/l #	52
54) cis-1,3-Dichloropropene	10.318	75	1580	0.417	ug/l #	88

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

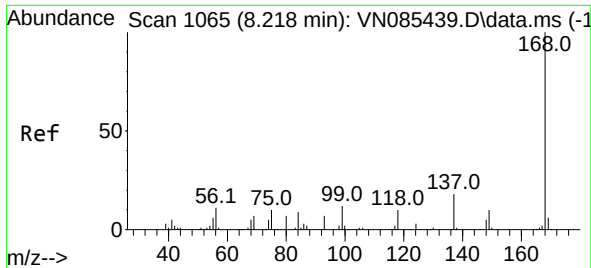
55) 1,1,2-Trichloroethane	11.012	97	1187	0.518	ug/l	90
59) 2-Hexanone	11.194	43	1854	0.844	ug/l	82
60) Dibromochloromethane	11.353	129	1034	0.374	ug/l	89
61) 1,2-Dibromoethane	11.465	107	1035	0.454	ug/l	86
64) Tetrachloroethene	11.100	164	675	0.324	ug/l #	62
65) Chlorobenzene	11.888	112	3178	0.474	ug/l #	78
67) Ethyl Benzene	11.959	91	3471	0.318	ug/l #	86
68) m/p-Xylenes	12.071	106	1528	0.379	ug/l	78
69) o-Xylene	12.394	106	1192	0.309	ug/l	91
70) Styrene	12.406	104	1869	0.293	ug/l	92
71) Bromoform	12.576	173	992	0.564	ug/l #	93
73) Isopropylbenzene	12.694	105	2682	0.322	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	1709	0.581	ug/l #	85
76) 1,2,3-Trichloropropane	12.847	75	76438	30.457	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.170	105	2274	0.330	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.847	75	76438	82.403	ug/l #	3
84) 1,2,4-Trimethylbenzene	13.482	105	1920	0.280	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	1765	0.440	ug/l	98
88) 1,4-Dichlorobenzene	13.735	146	1765	0.425	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	1704	0.426	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	175	0.326	ug/l #	58
93) 1,2,4-Trichlorobenzene	15.388	180	859	0.462	ug/l #	86
94) Hexachlorobutadiene	15.506	225	382	0.387	ug/l	78
95) Naphthalene	15.647	128	3295	0.594	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.841	180	1043	0.555	ug/l #	80

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

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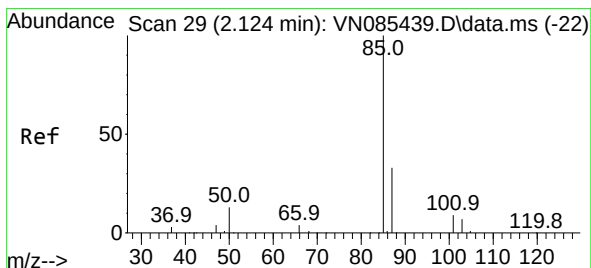
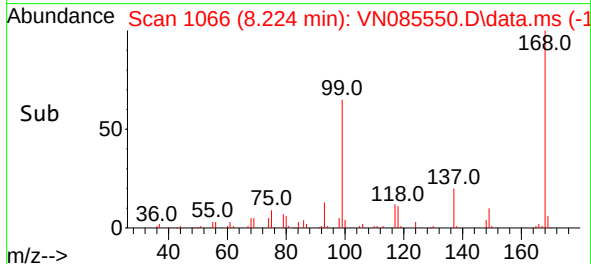
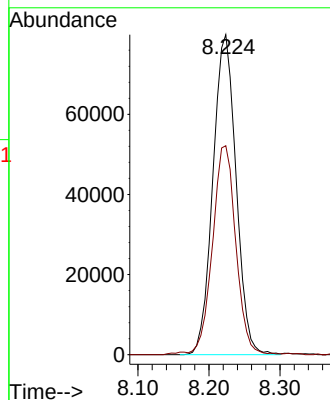
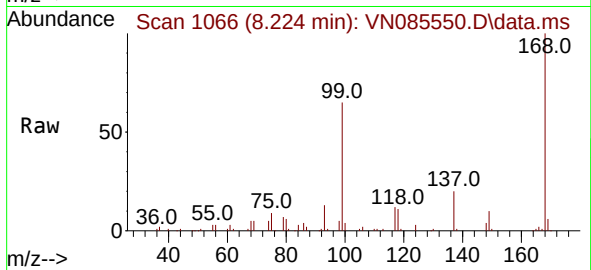




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
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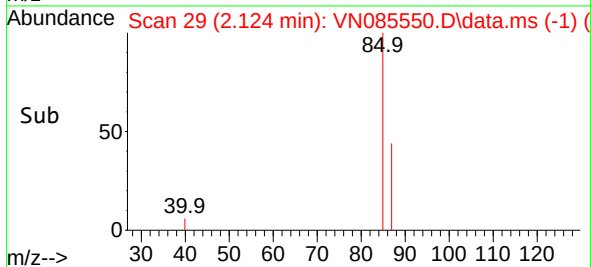
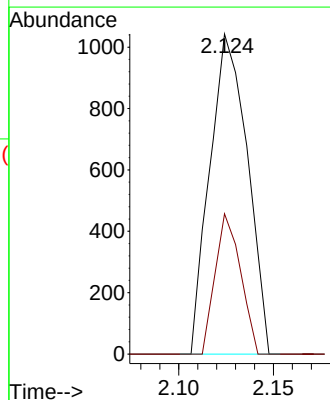
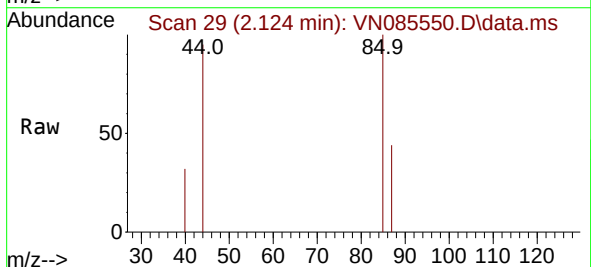
Instrument :
MSVOA_N
ClientSampleId :

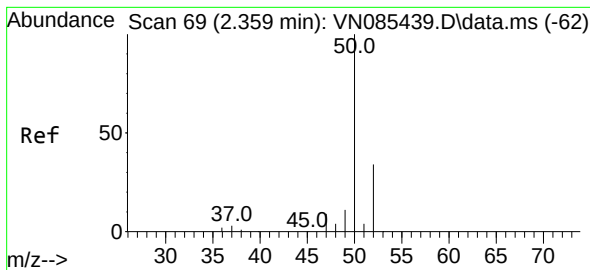
Tgt Ion:168 Resp: 180587
Ion Ratio Lower Upper
168 100
99 65.1 53.6 80.4



#2
Dichlorodifluoromethane
Concen: 0.588 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

Tgt Ion: 85 Resp: 1438
Ion Ratio Lower Upper
85 100
87 43.8 16.7 50.1





#3

Chloromethane

Concen: 0.854 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN085550.D

Acq: 29 Jan 2025 12:06

Instrument :

MSVOA_N

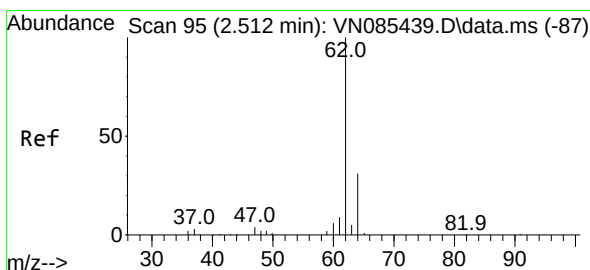
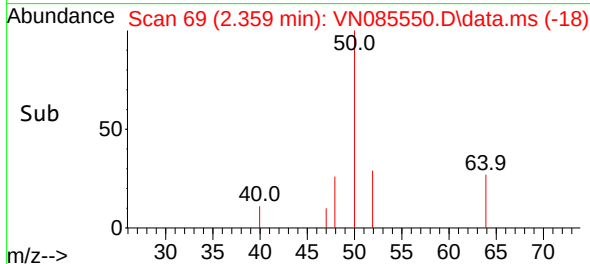
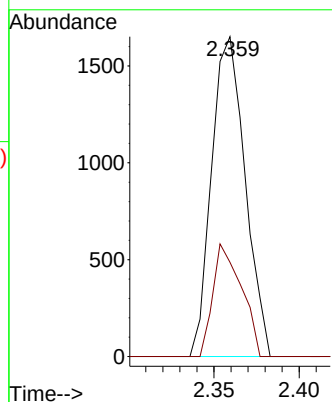
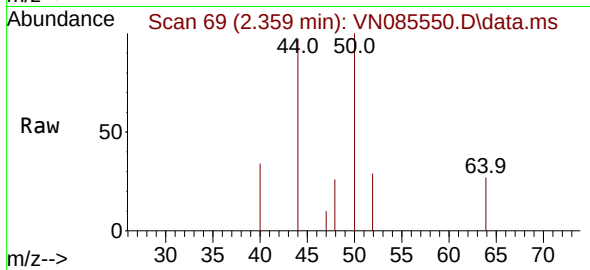
ClientSampleId :

Tgt Ion: 50 Resp: 2260

Ion Ratio Lower Upper

50 100

52 29.5 27.0 40.6



#4

Vinyl Chloride

Concen: 0.630 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN085550.D

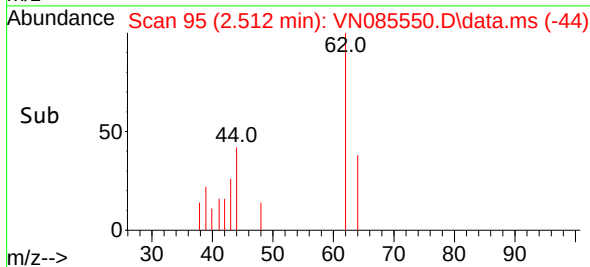
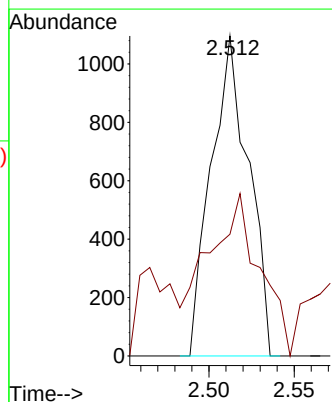
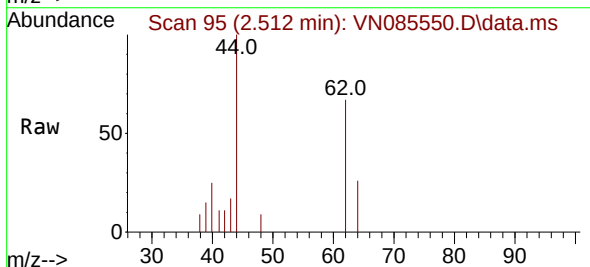
Acq: 29 Jan 2025 12:06

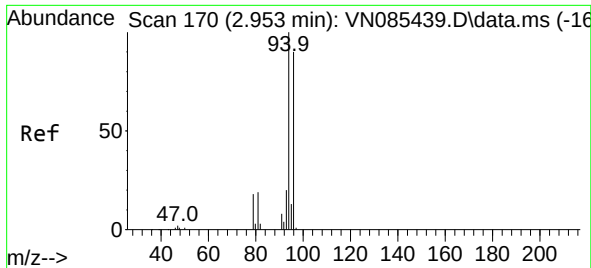
Tgt Ion: 62 Resp: 1676

Ion Ratio Lower Upper

62 100

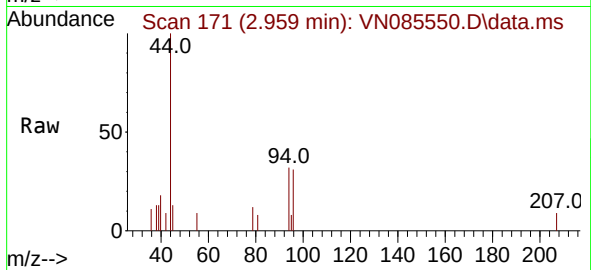
64 23.0 24.8 37.2#



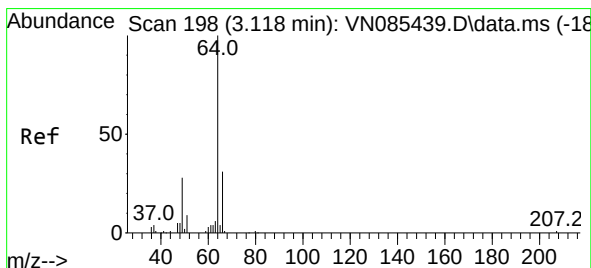
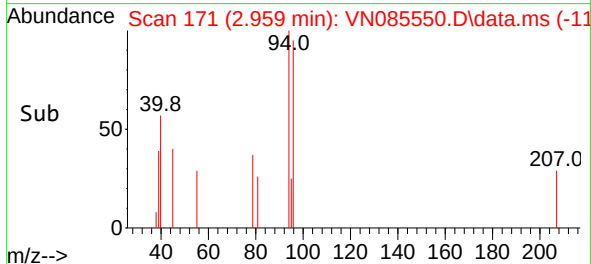
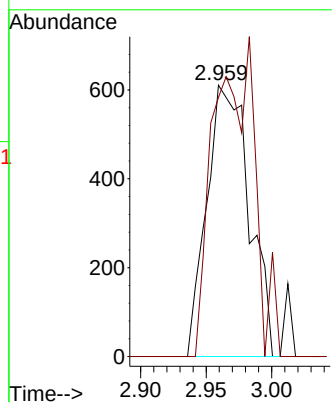


#5
Bromomethane
Concen: 0.855 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

Instrument :
MSVOA_N
ClientSampleId :

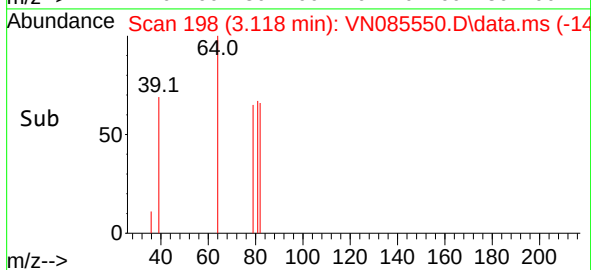
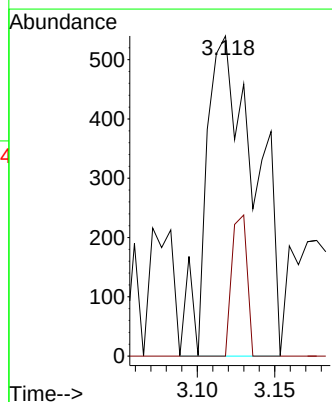
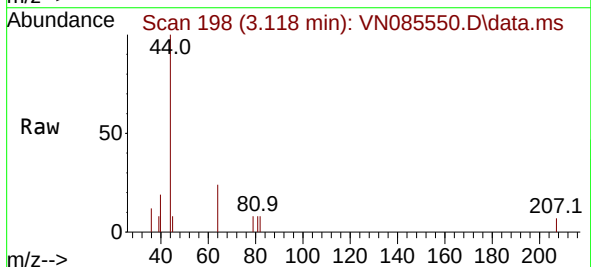


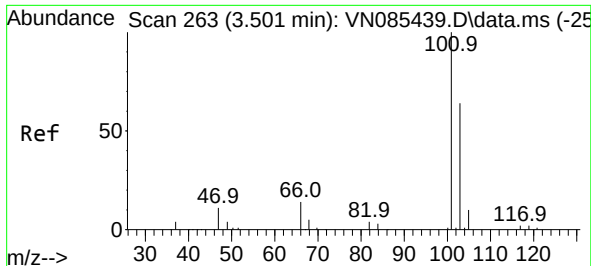
Tgt Ion: 94 Resp: 1375
Ion Ratio Lower Upper
94 100
96 95.4 71.8 107.6



#6
Chloroethane
Concen: 0.708 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

Tgt Ion: 64 Resp: 1194
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8#

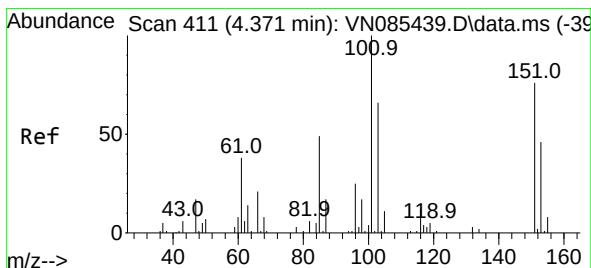
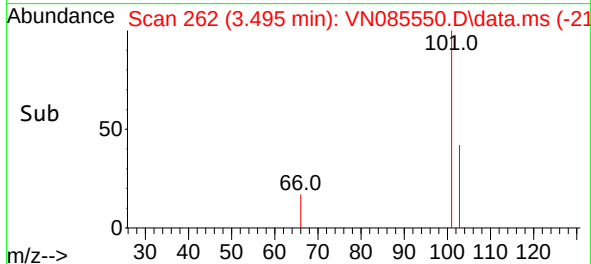
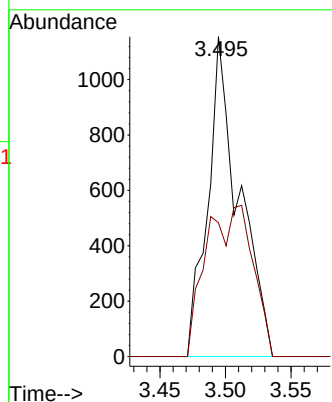
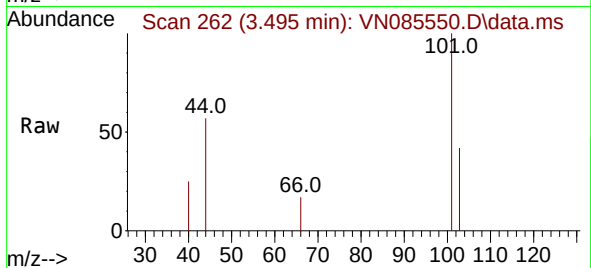




#7
Trichlorofluoromethane
Concen: 0.497 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

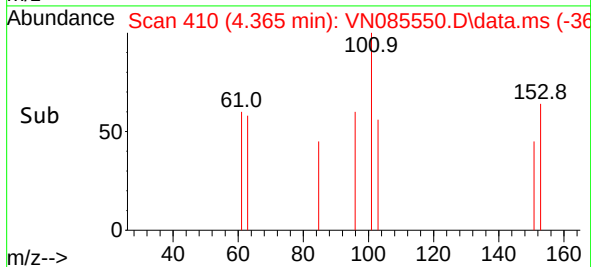
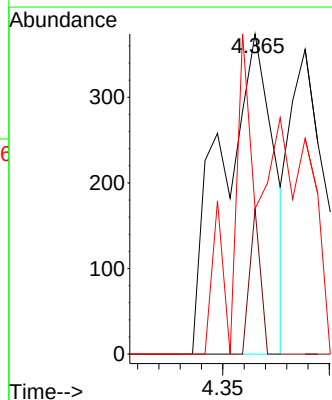
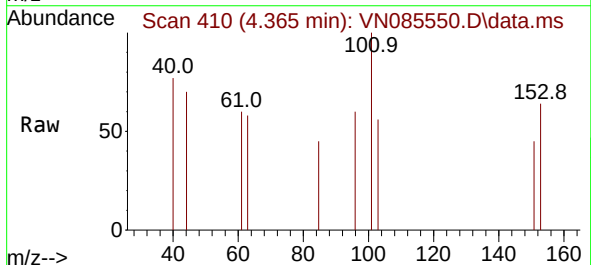
Instrument :
MSVOA_N
ClientSampleId :

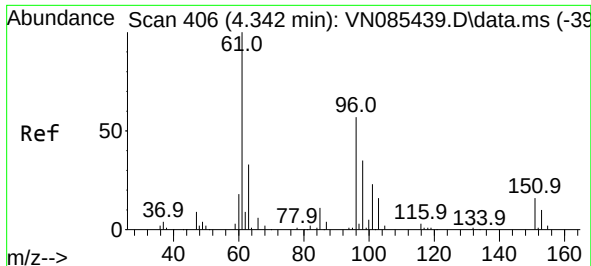
Tgt Ion:101 Resp: 1919
Ion Ratio Lower Upper
101 100
103 41.8 51.4 77.2#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.292 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

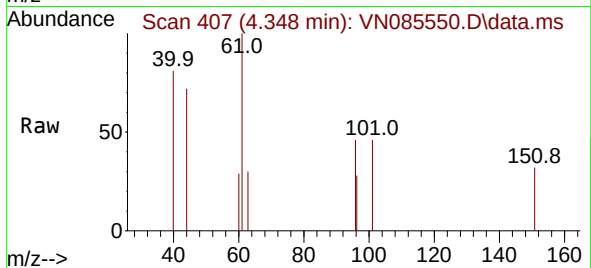
Tgt Ion:101 Resp: 636
Ion Ratio Lower Upper
101 100
85 9.4 37.8 56.8#
151 51.3 58.8 88.2#



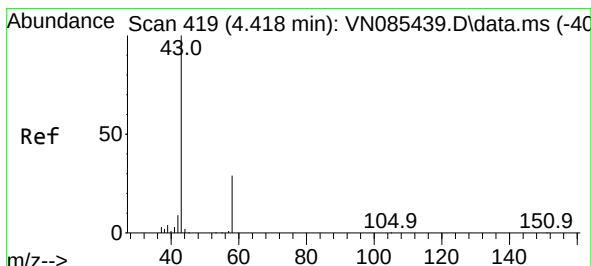
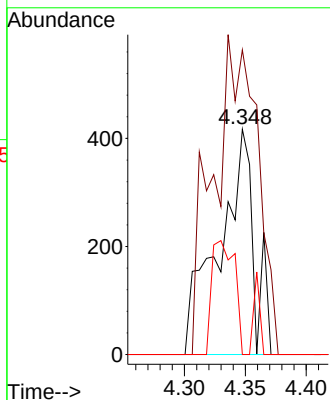
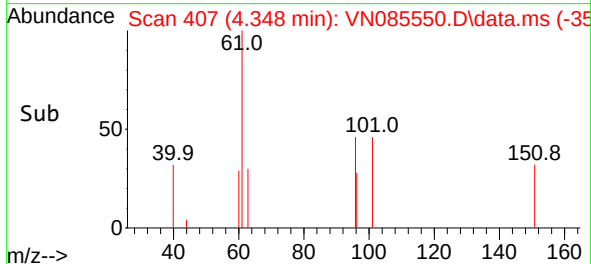


#12
 1,1-Dichloroethene
 Concen: 0.428 ug/l
 RT: 4.348 min Scan# 406
 Delta R.T. 0.006 min
 Lab File: VN085550.D
 Acq: 29 Jan 2025 12:06

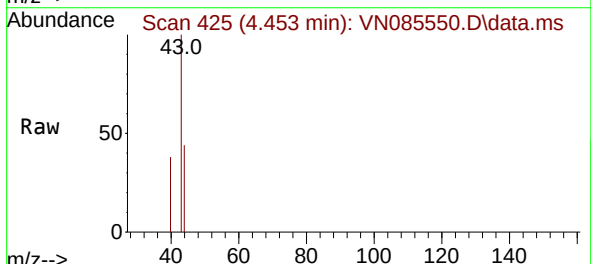
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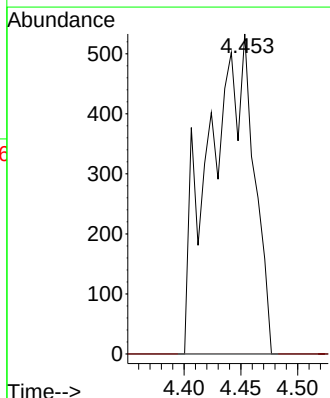
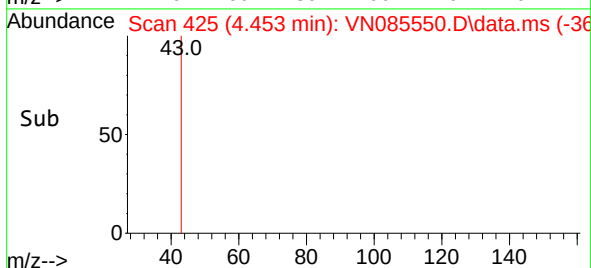
Tgt Ion: 96 Resp: 829
 Ion Ratio Lower Upper
 96 100
 61 135.3 141.0 211.4#
 98 0.0 49.0 73.6#

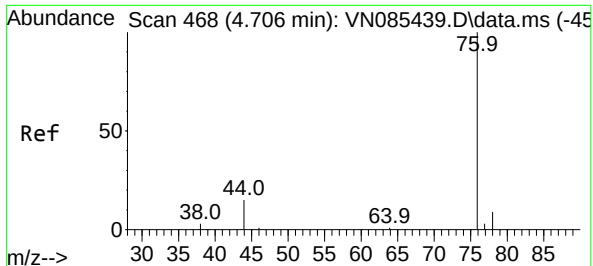


#16
 Acetone
 Concen: 1.554 ug/l
 RT: 4.453 min Scan# 425
 Delta R.T. 0.035 min
 Lab File: VN085550.D
 Acq: 29 Jan 2025 12:06



Tgt Ion: 43 Resp: 1464
 Ion Ratio Lower Upper
 43 100
 58 0.0 23.8 35.6#

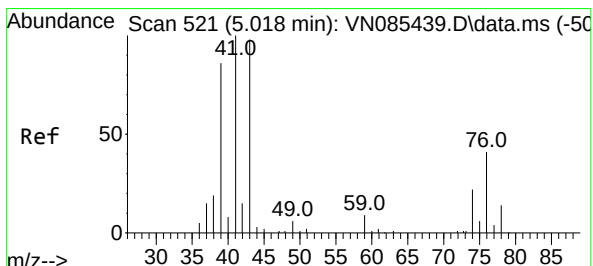
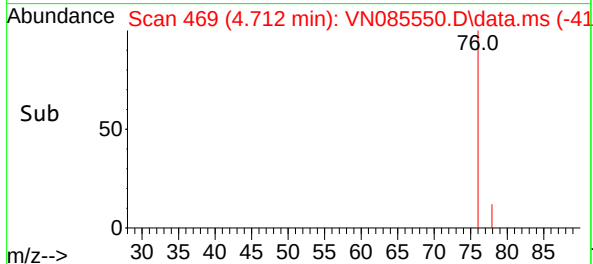
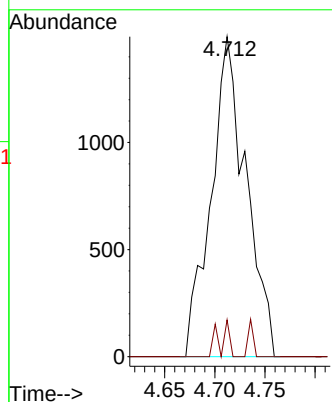
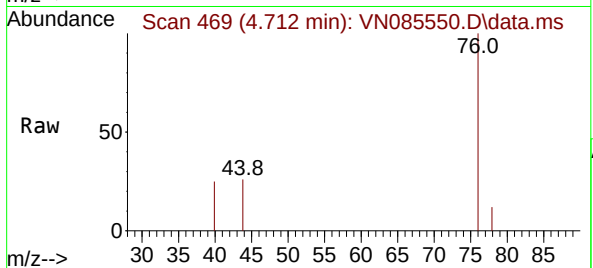




#17
Carbon Disulfide
Concen: 0.607 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

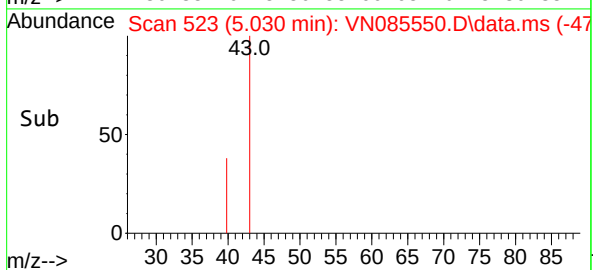
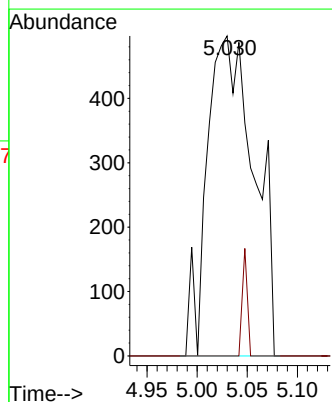
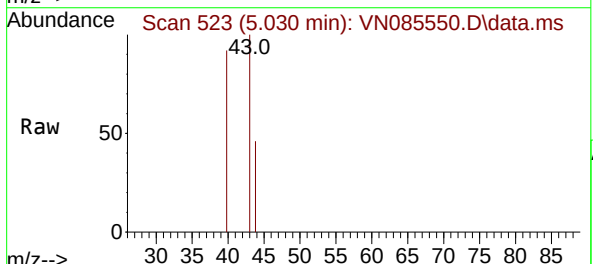
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MSVOA_N
ClientSampleId :

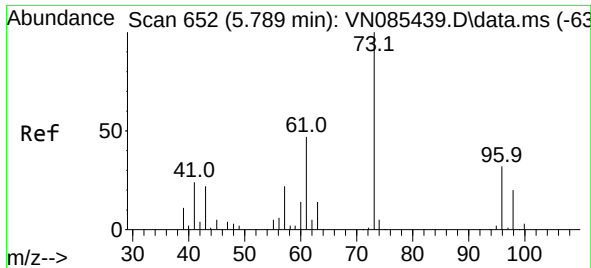
Tgt Ion: 76 Resp: 3620
Ion Ratio Lower Upper
76 100
78 11.5 6.9 10.3#



#18
Methyl Acetate
Concen: 0.567 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

Tgt Ion: 43 Resp: 1625
Ion Ratio Lower Upper
43 100
74 3.6 18.6 28.0#

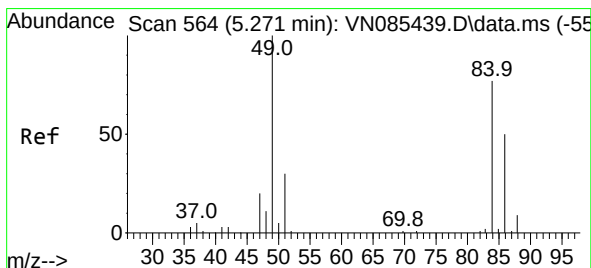
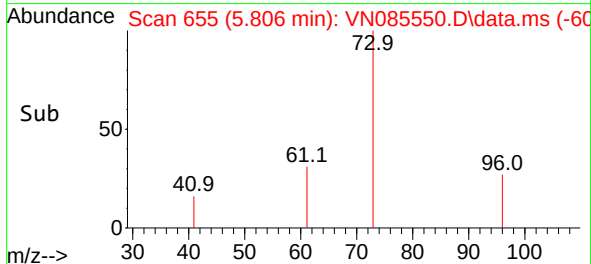
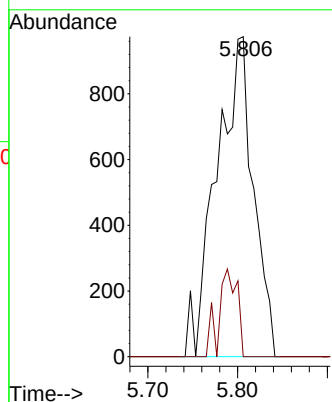
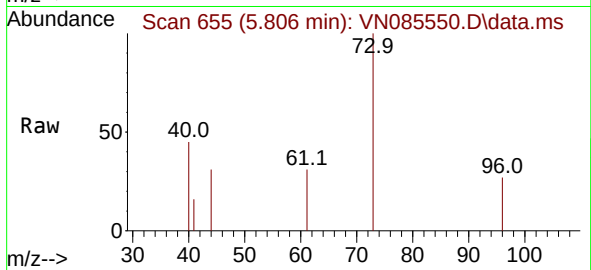




#19
Methyl tert-butyl Ether
Concen: 0.439 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.018 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

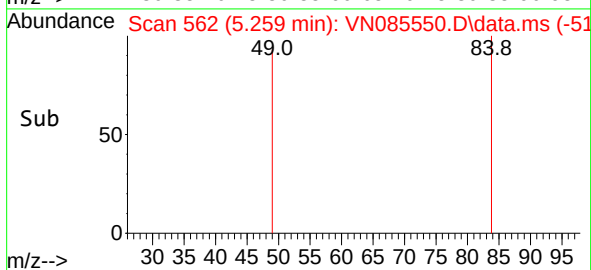
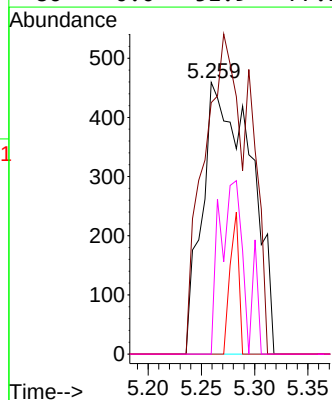
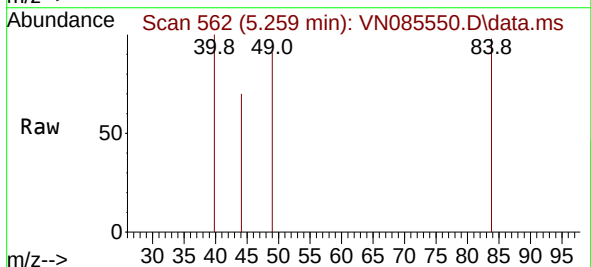
Instrument :
MSVOA_N
ClientSampleId :

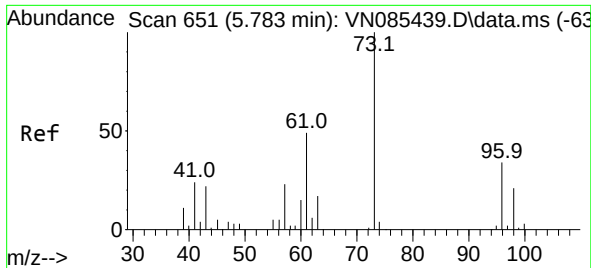
Tgt Ion: 73 Resp: 2764
Ion Ratio Lower Upper
73 100
57 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.624 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.012 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

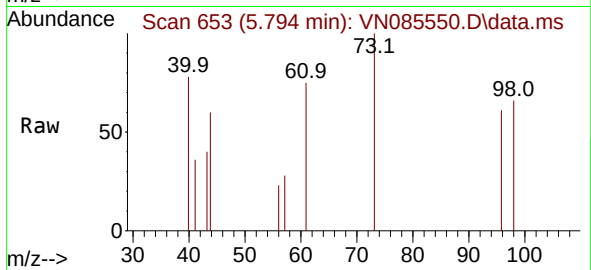
Tgt Ion: 84 Resp: 1456
Ion Ratio Lower Upper
84 100
49 92.6 104.1 156.1#
51 0.0 31.0 46.4#
86 0.0 51.9 77.9#



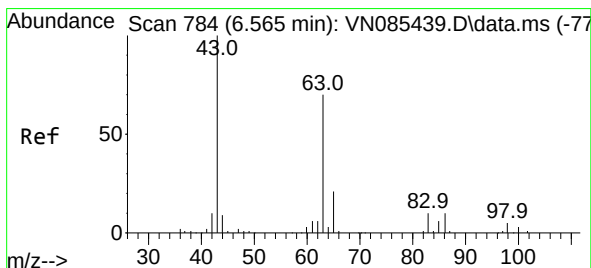
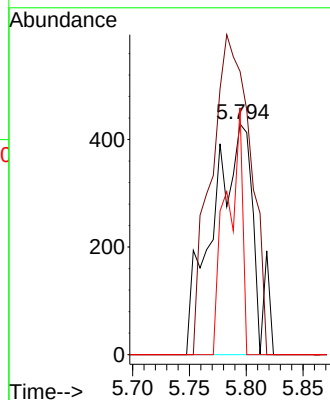
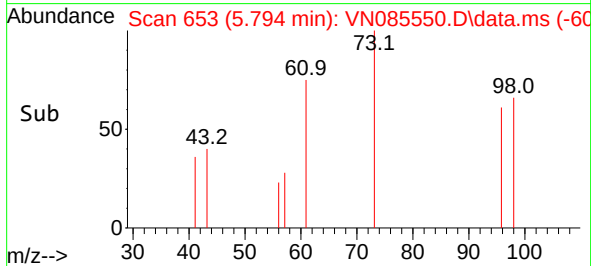


#21
trans-1,2-Dichloroethene
Concen: 0.521 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

Instrument :
MSVOA_N
ClientSampleId :

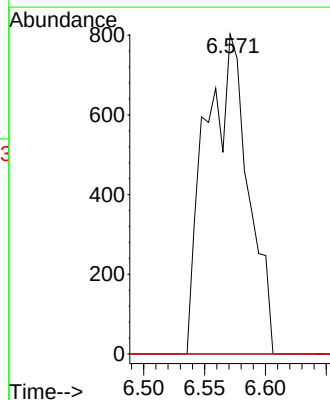
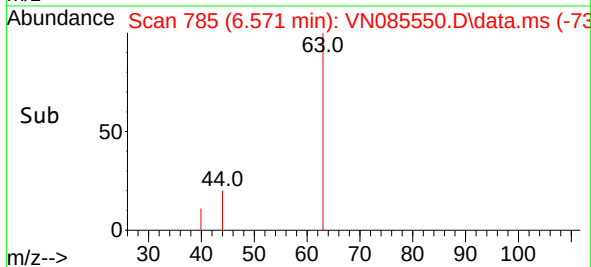
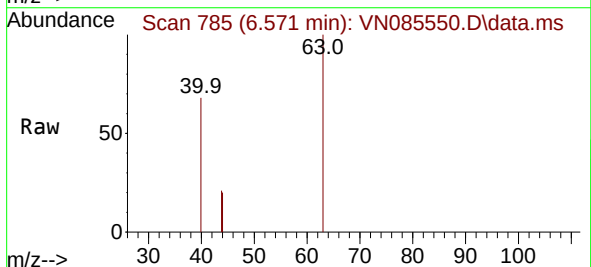


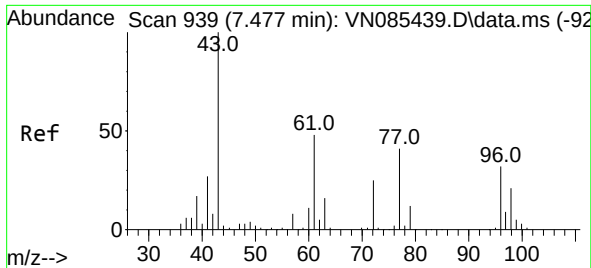
Tgt Ion: 96 Resp: 1080
Ion Ratio Lower Upper
96 100
61 122.8 115.7 173.5
98 107.0 49.8 74.8#



#24
1,1-Dichloroethane
Concen: 0.460 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.006 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

Tgt Ion: 63 Resp: 1956
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.0 6.0#

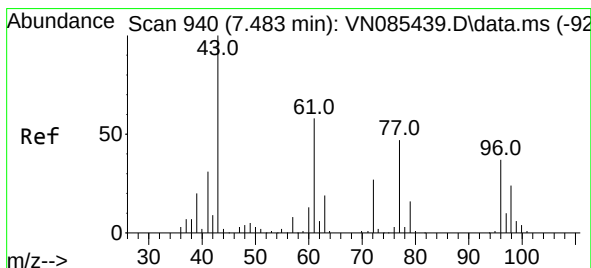
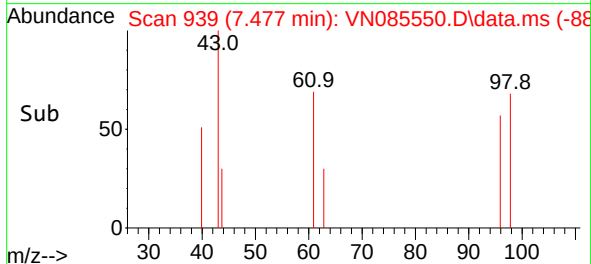
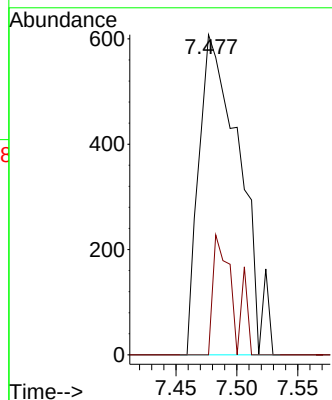
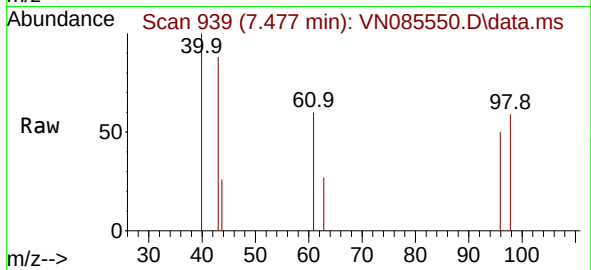




#25
2-Butanone
Concen: 1.015 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

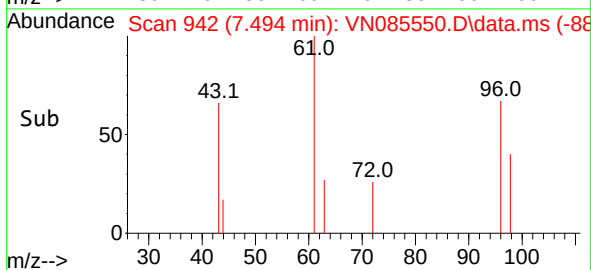
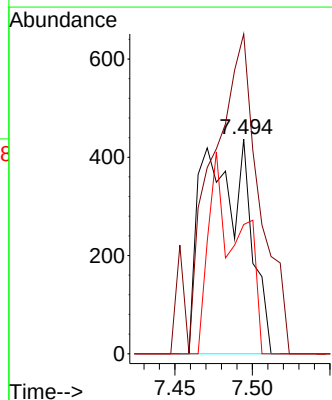
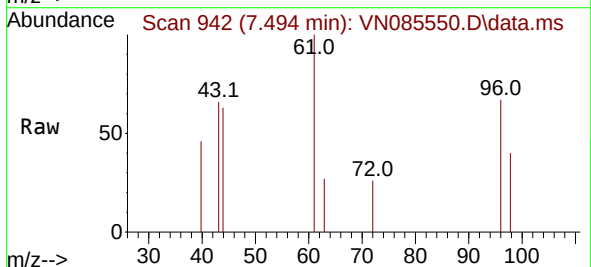
Instrument :
MSVOA_N
ClientSampleId :

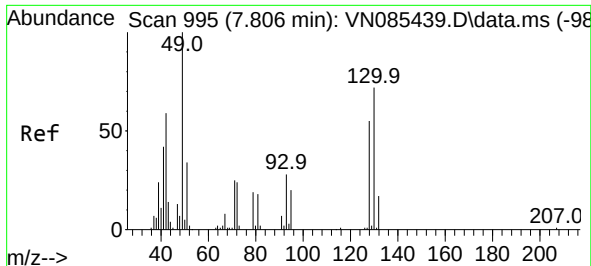
Tgt Ion: 43 Resp: 1407
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.4#



#27
cis-1,2-Dichloroethene
Concen: 0.364 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

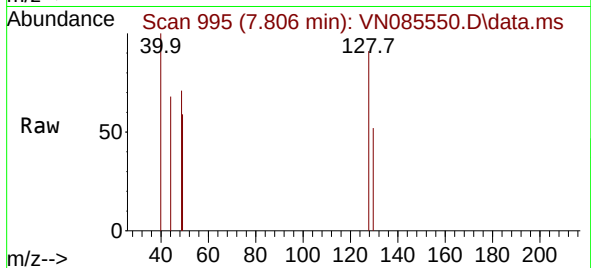
Tgt Ion: 96 Resp: 888
Ion Ratio Lower Upper
96 100
61 161.7 0.0 311.8
98 63.2 0.0 126.0



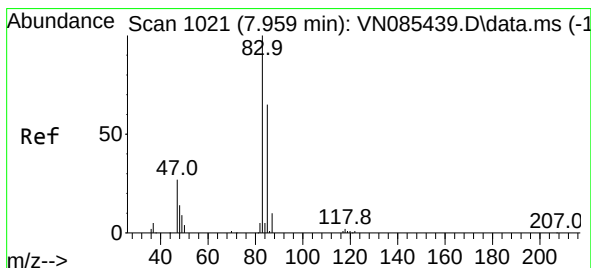
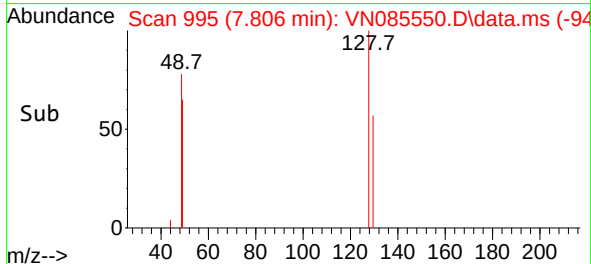
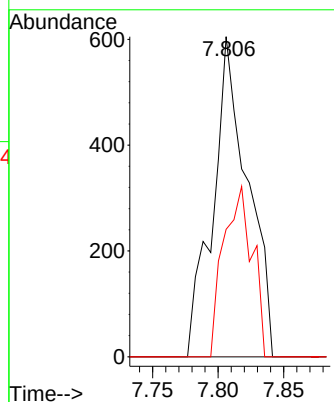


#28
Bromochloromethane
Concen: 0.565 ug/l
RT: 7.806 min Scan# 995
Delta R.T. 0.000 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

Instrument :
MSVOA_N
ClientSampleId :

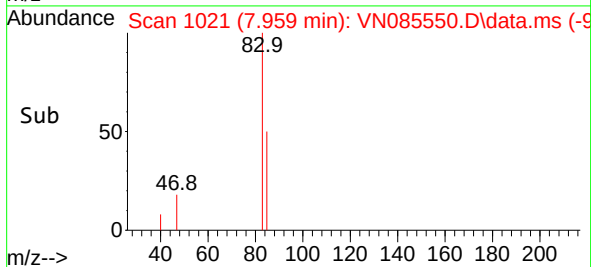
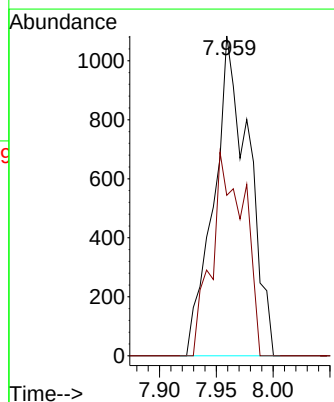
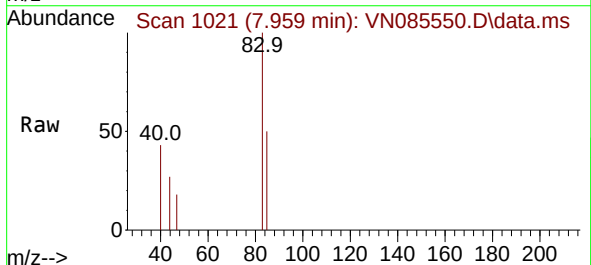


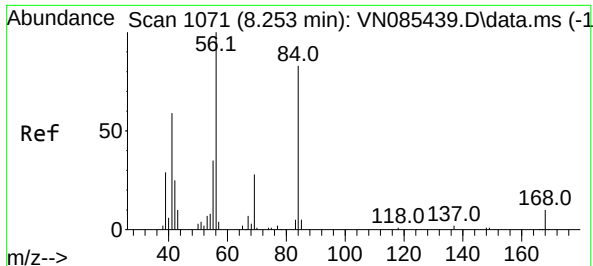
Tgt Ion: 49 Resp: 1118
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 44.0 55.0 82.4#



#30
Chloroform
Concen: 0.527 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

Tgt Ion: 83 Resp: 2318
Ion Ratio Lower Upper
83 100
85 50.2 51.8 77.6#





#31

Cyclohexane

Concen: 1.774 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

Lab File: VN085550.D

Acq: 29 Jan 2025 12:06

Instrument :

MSVOA_N

ClientSampleId :

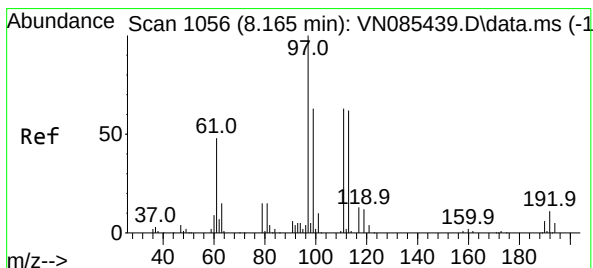
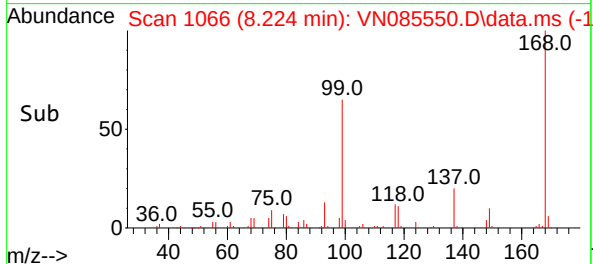
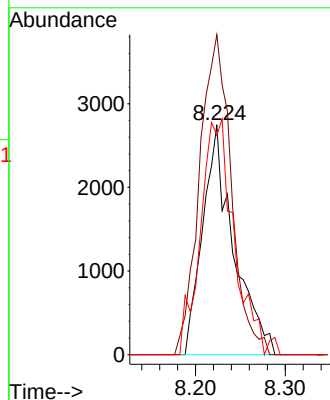
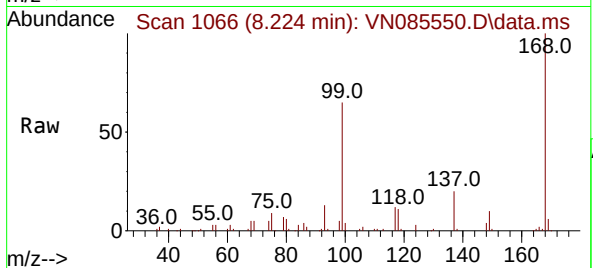
Tgt Ion: 56 Resp: 6563

Ion Ratio Lower Upper

56 100

69 139.2 22.2 33.4#

84 95.4 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 0.512 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN085550.D

Acq: 29 Jan 2025 12:06

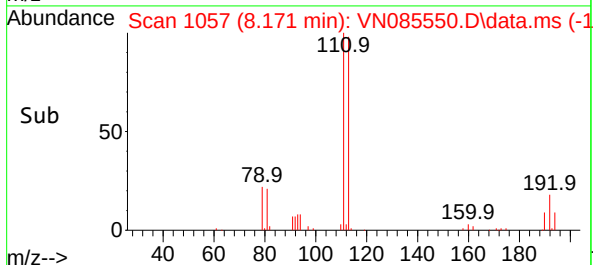
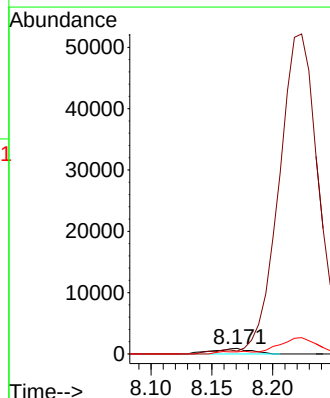
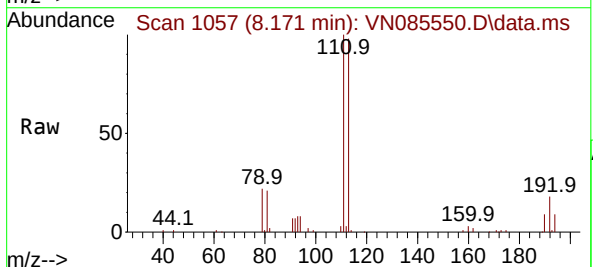
Tgt Ion: 97 Resp: 1975

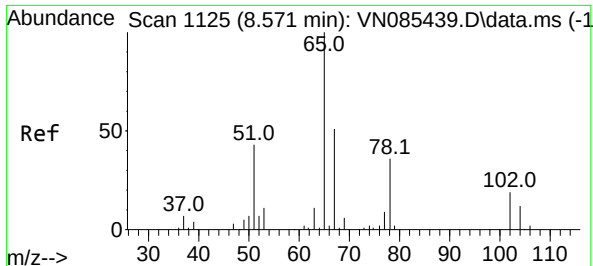
Ion Ratio Lower Upper

97 100

99 0.0 49.8 74.6#

61 37.2 41.4 62.2#





#33

1,2-Dichloroethane-d4

Concen: 57.295 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085550.D

Acq: 29 Jan 2025 12:06

Instrument :

MSVOA_N

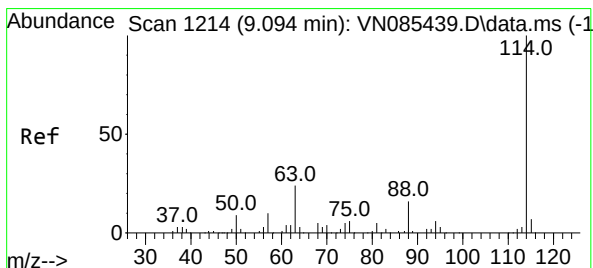
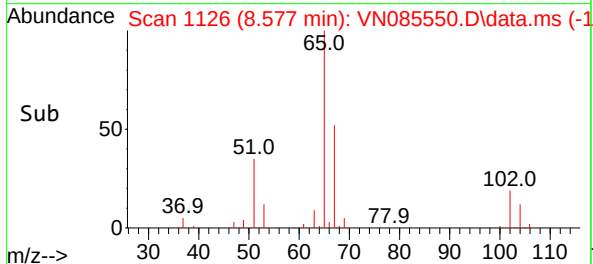
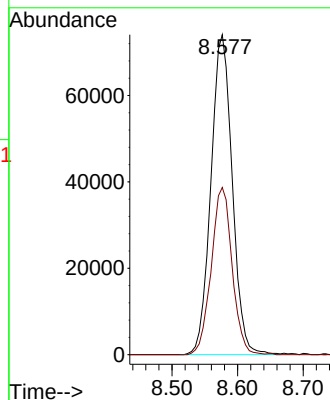
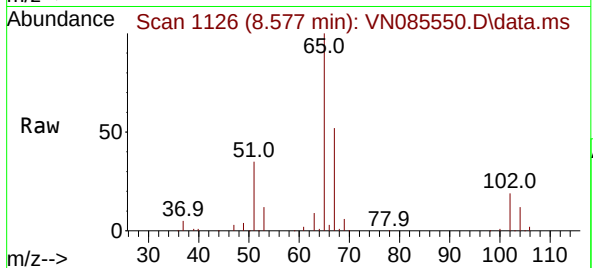
ClientSampleId :

Tgt Ion: 65 Resp: 167019

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085550.D

Acq: 29 Jan 2025 12:06

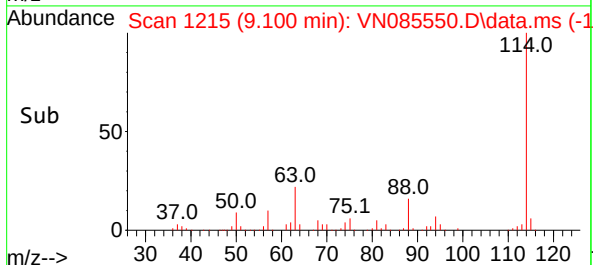
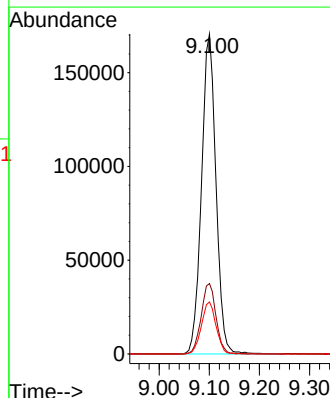
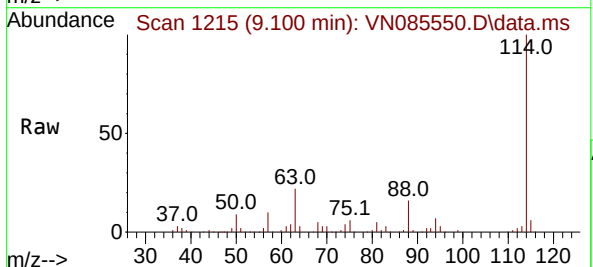
Tgt Ion: 114 Resp: 341456

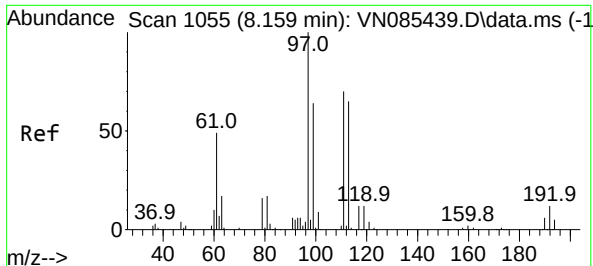
Ion Ratio Lower Upper

114 100

63 22.0 0.0 47.6

88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.726 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

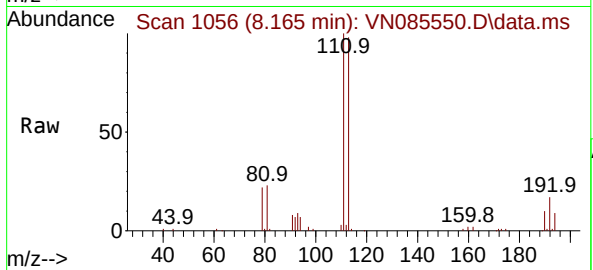
Lab File: VN085550.D

Acq: 29 Jan 2025 12:06

Instrument :

MSVOA_N

ClientSampleId :



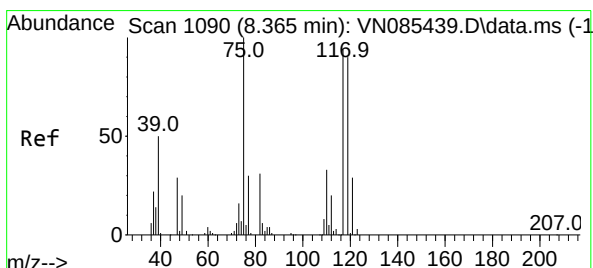
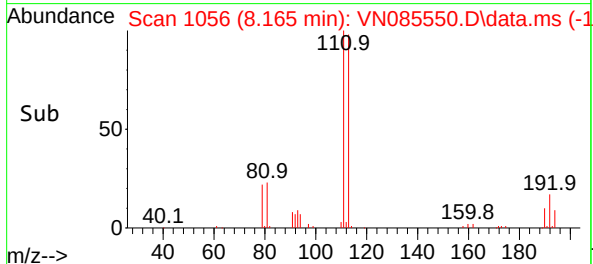
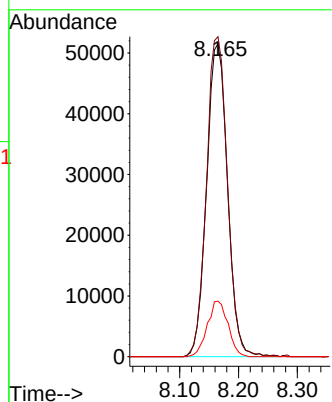
Tgt Ion:113 Resp: 127269

Ion Ratio Lower Upper

113 100

111 102.7 82.7 124.1

192 17.6 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.160 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085550.D

Acq: 29 Jan 2025 12:06

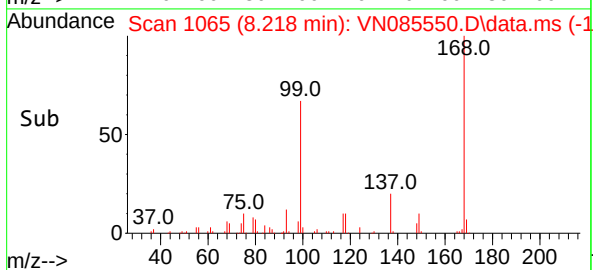
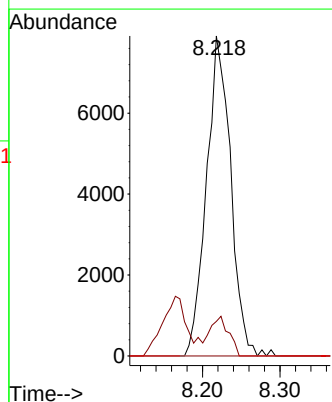
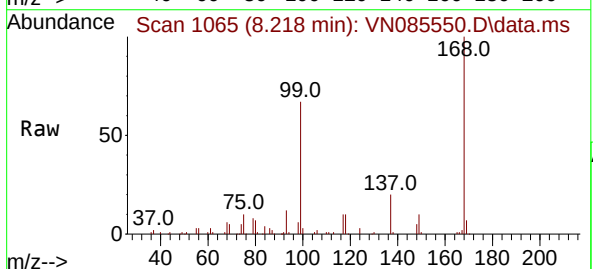
Tgt Ion: 75 Resp: 17155

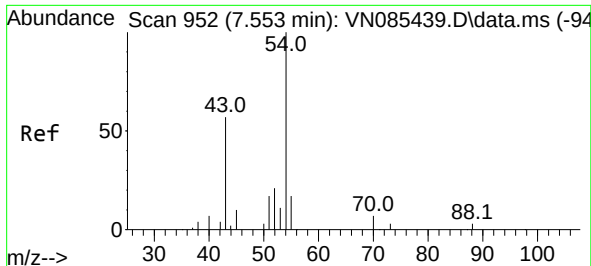
Ion Ratio Lower Upper

75 100

110 9.5 16.5 49.5#

77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 0.419 ug/l

RT: 7.477 min Scan# 91

Delta R.T. -0.076 min

Lab File: VN085550.D

Acq: 29 Jan 2025 12:06

Instrument :

MSVOA_N

ClientSampleId :

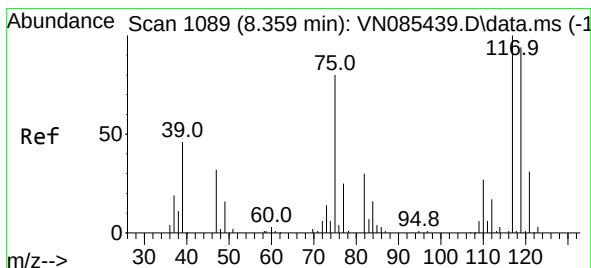
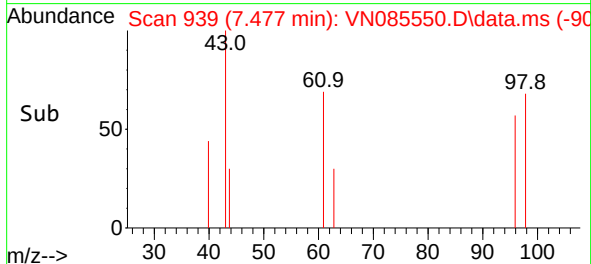
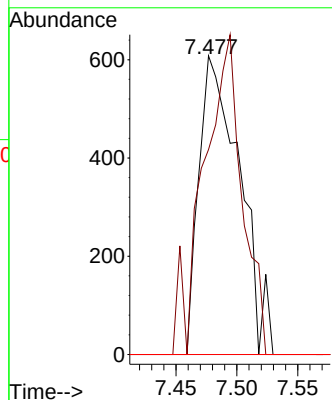
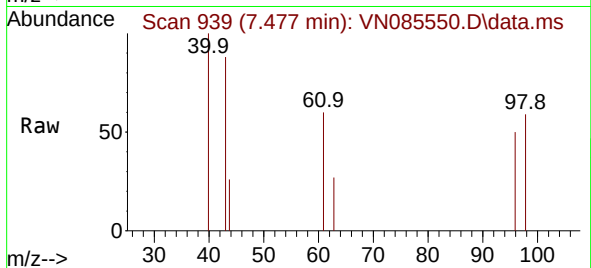
Tgt Ion: 43 Resp: 1407

Ion Ratio Lower Upper

43 100

61 102.1 10.9 16.3#

70 0.0 7.5 11.3#



#38

Carbon Tetrachloride

Concen: 0.410 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VN085550.D

Acq: 29 Jan 2025 12:06

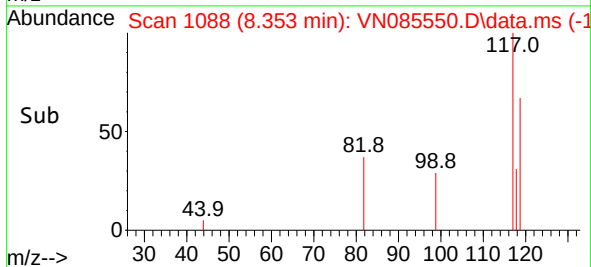
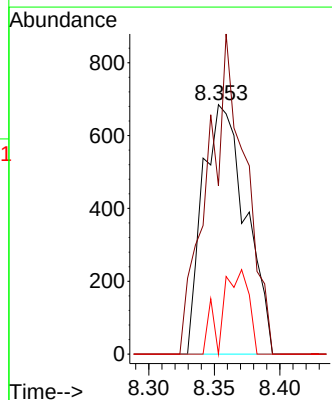
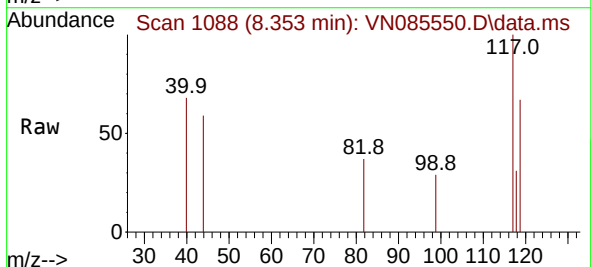
Tgt Ion: 117 Resp: 1560

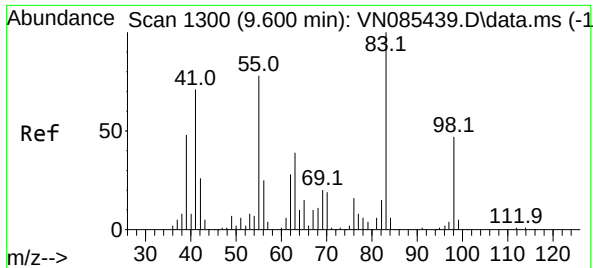
Ion Ratio Lower Upper

117 100

119 67.4 75.4 113.2#

121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 0.376 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085550.D

Acq: 29 Jan 2025 12:06

Instrument :

MSVOA_N

ClientSampleId :

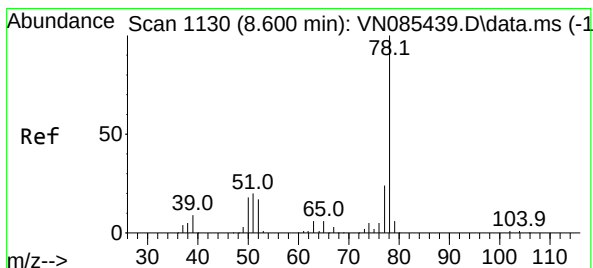
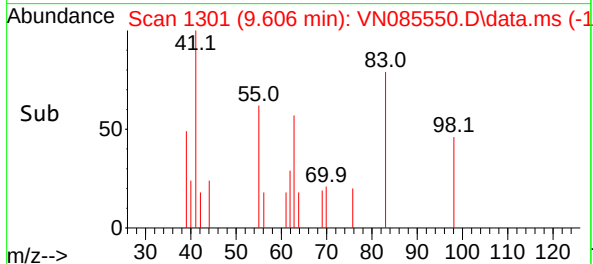
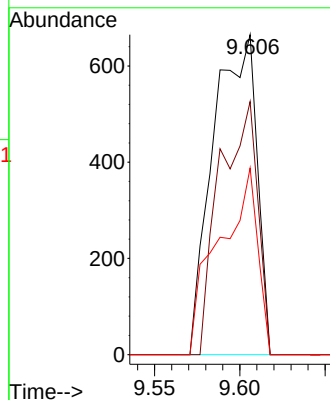
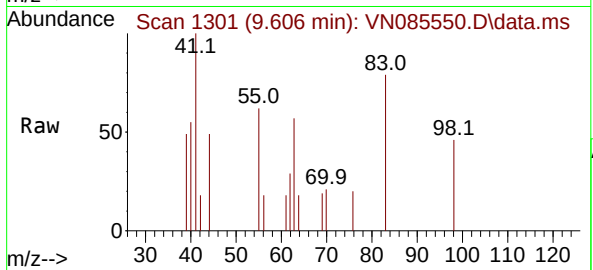
Tgt Ion: 83 Resp: 1175

Ion Ratio Lower Upper

83 100

55 79.1 62.6 94.0

98 58.3 37.7 56.5#



#40

Benzene

Concen: 0.423 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN085550.D

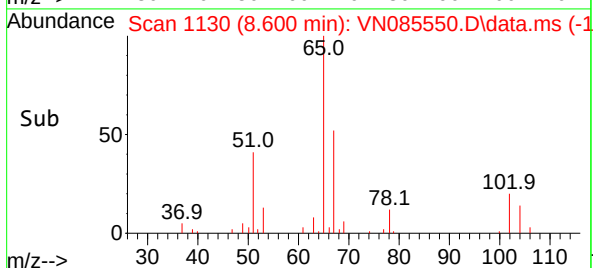
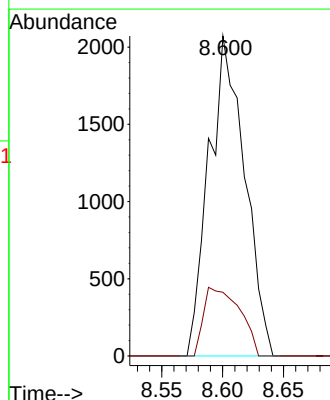
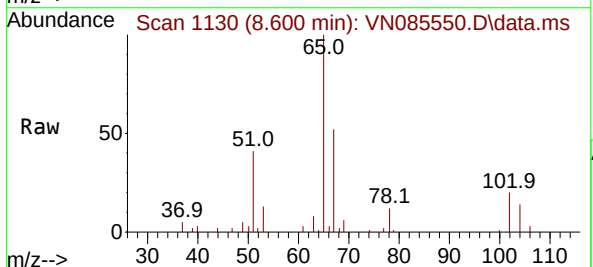
Acq: 29 Jan 2025 12:06

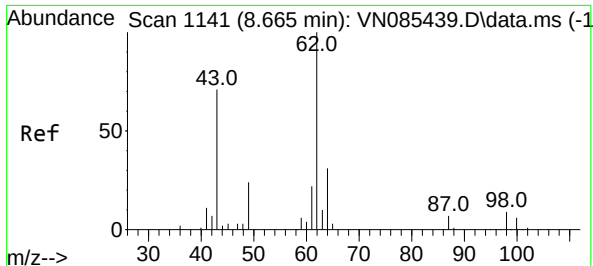
Tgt Ion: 78 Resp: 4229

Ion Ratio Lower Upper

78 100

77 19.9 19.0 28.6





#42

1,2-Dichloroethane

Concen: 0.576 ug/l

RT: 8.659 min Scan# 1140

Delta R.T. -0.006 min

Lab File: VN085550.D

Acq: 29 Jan 2025 12:06

Instrument :

MSVOA_N

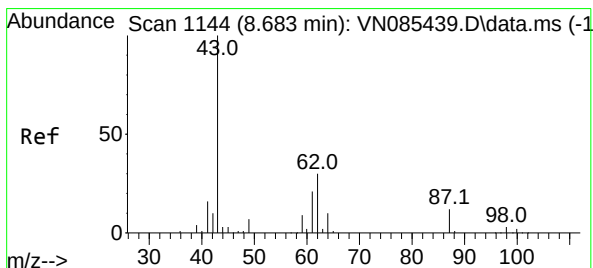
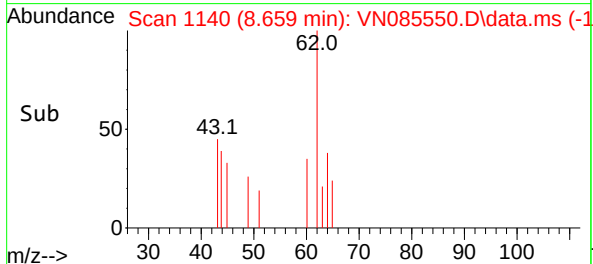
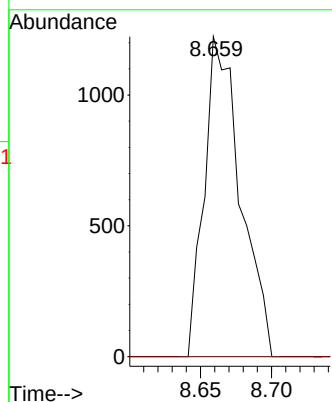
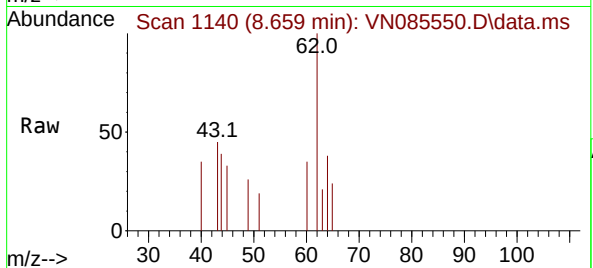
ClientSampleId :

Tgt Ion: 62 Resp: 2167

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.0



#43

Isopropyl Acetate

Concen: 0.348 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VN085550.D

Acq: 29 Jan 2025 12:06

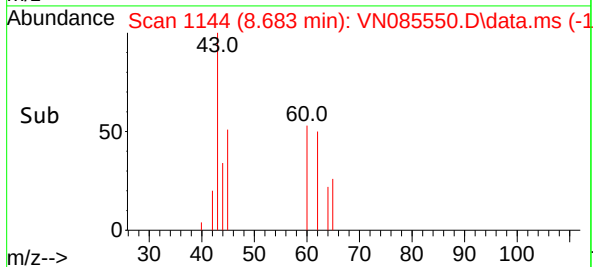
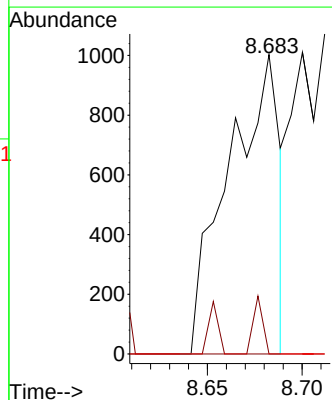
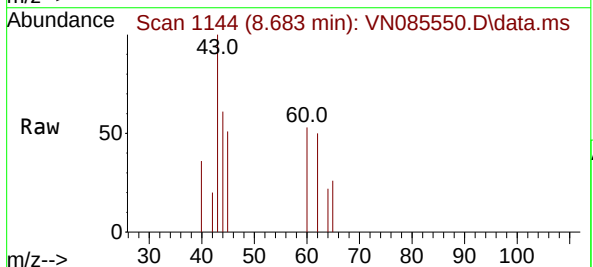
Tgt Ion: 43 Resp: 1873

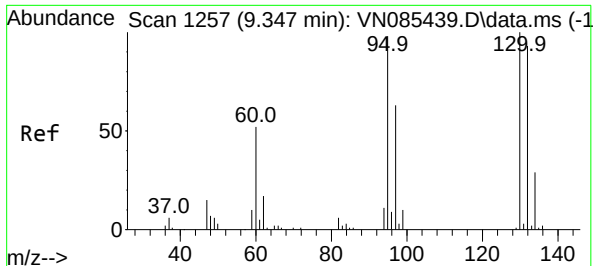
Ion Ratio Lower Upper

43 100

61 0.0 20.7 31.1#

87 0.0 9.8 14.8#

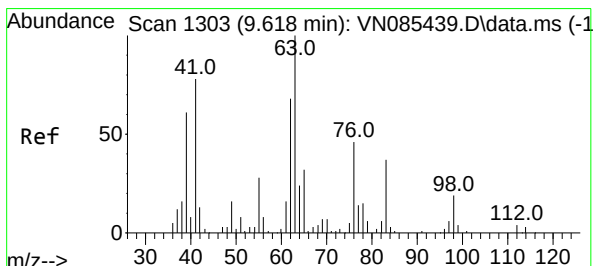
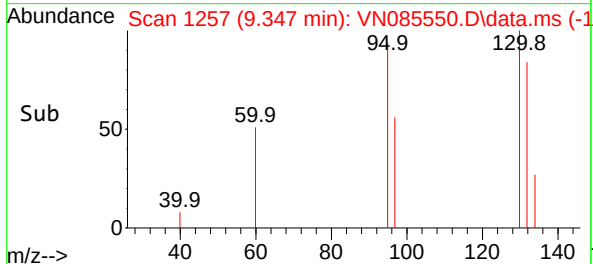
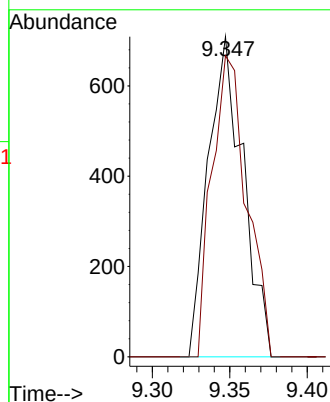
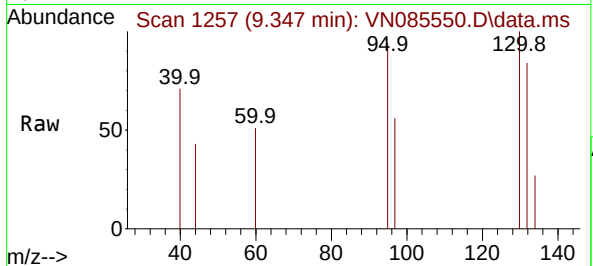




#44
Trichloroethene
Concen: 0.476 ug/l
RT: 9.347 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

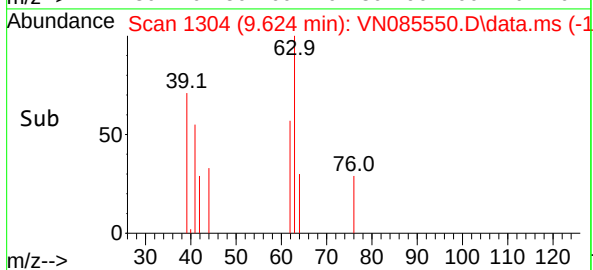
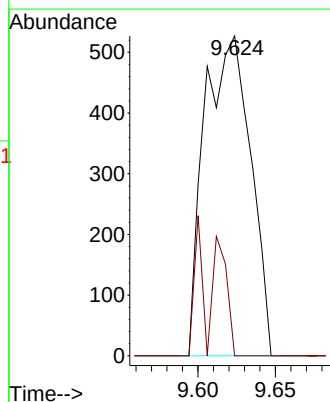
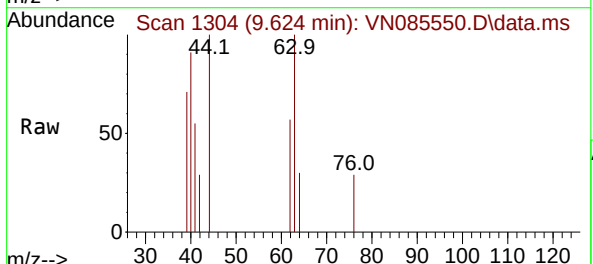
Instrument :
MSVOA_N
ClientSampleId :

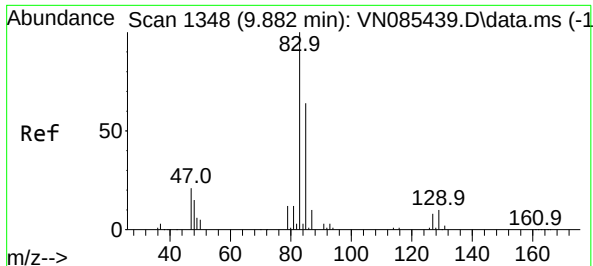
Tgt Ion:130 Resp: 1106
Ion Ratio Lower Upper
130 100
95 94.1 0.0 195.8



#45
1,2-Dichloropropane
Concen: 0.427 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

Tgt Ion: 63 Resp: 1090
Ion Ratio Lower Upper
63 100
65 0.0 25.6 38.4#





#47

Bromodichloromethane

Concen: 0.445 ug/l

RT: 9.888 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085550.D

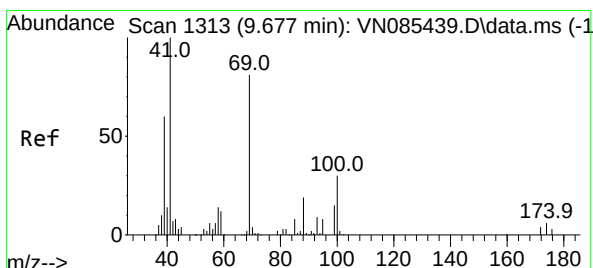
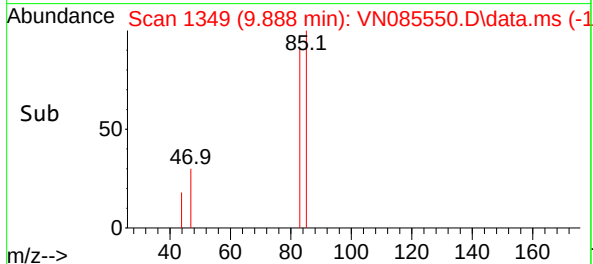
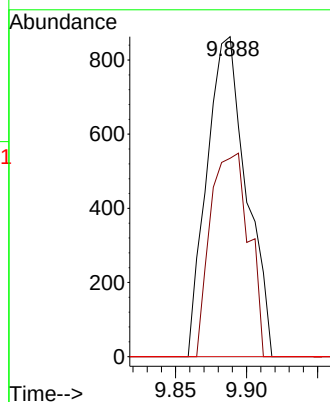
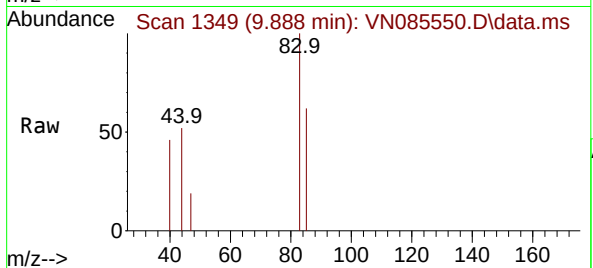
Acq: 29 Jan 2025 12:06

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	83	Resp:	1669
Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.2	76.8
127	0.0	6.5	9.7#



#48

Methyl methacrylate

Concen: 0.483 ug/l

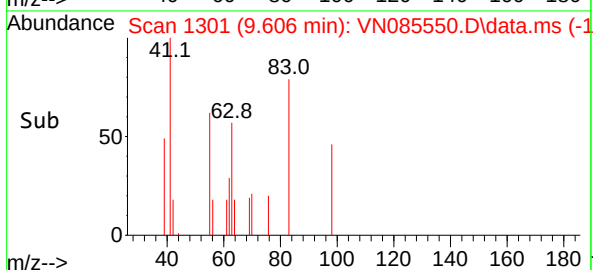
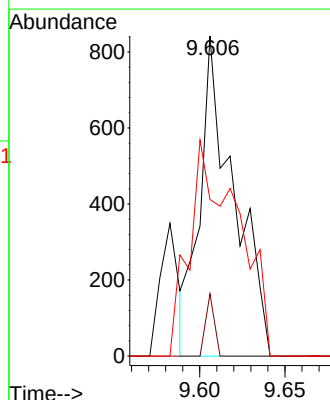
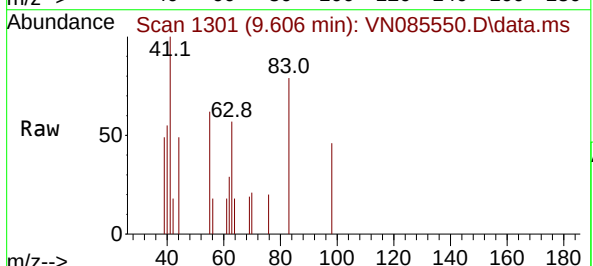
RT: 9.606 min Scan# 1301

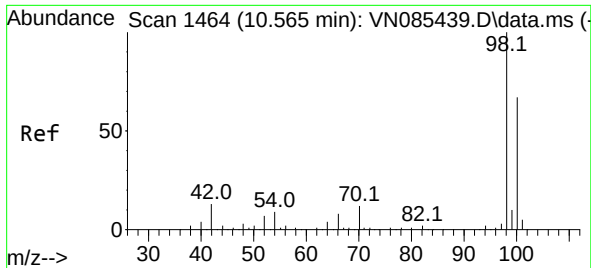
Delta R.T. -0.071 min

Lab File: VN085550.D

Acq: 29 Jan 2025 12:06

Tgt Ion:	41	Resp:	1169
Ion	Ratio	Lower	Upper
41	100		
69	5.0	64.7	97.1#
39	96.3	49.0	73.6#

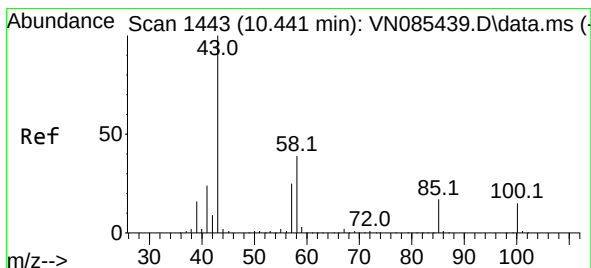
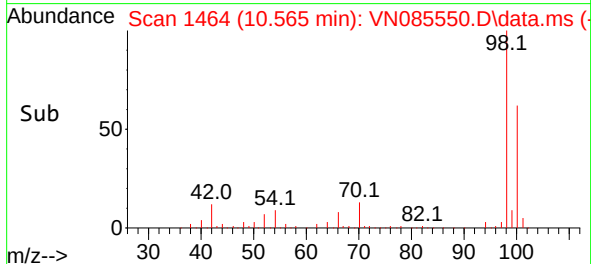
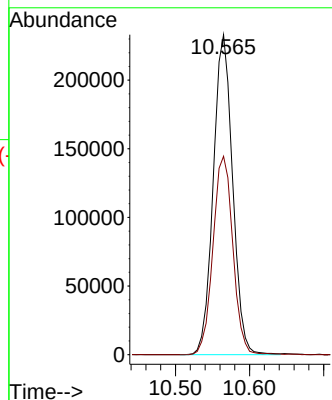
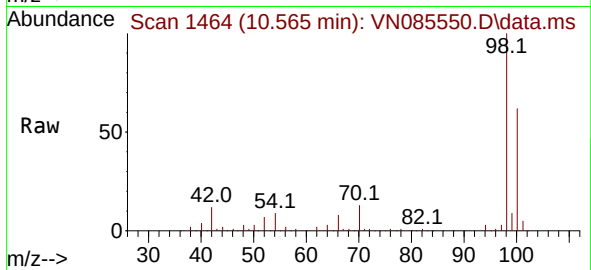




#50
Toluene-d8
Concen: 50.245 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

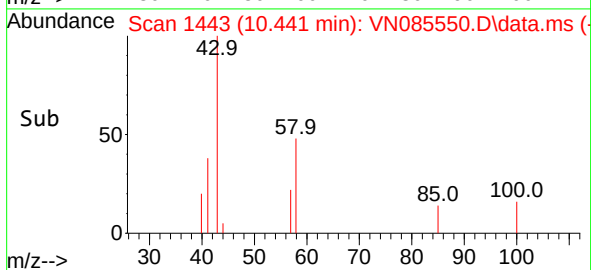
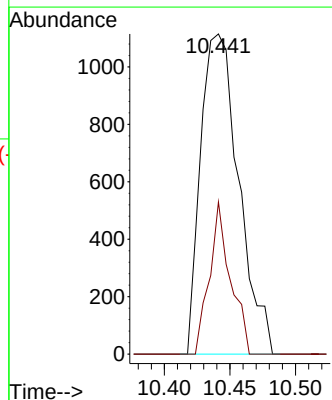
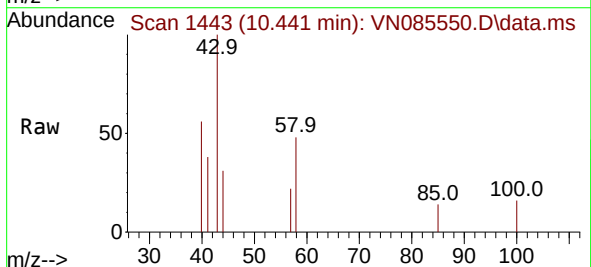
Instrument :
MSVOA_N
ClientSampleId :

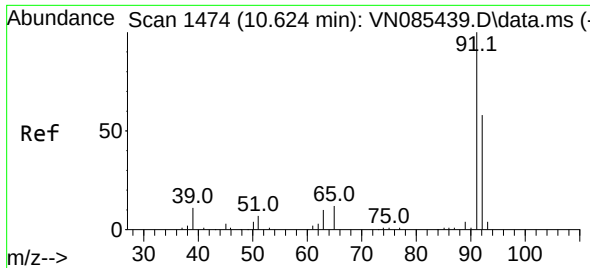
Tgt Ion: 98 Resp: 422891
Ion Ratio Lower Upper
98 100
100 63.6 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.721 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

Tgt Ion: 43 Resp: 2251
Ion Ratio Lower Upper
43 100
58 26.3 30.5 45.7#

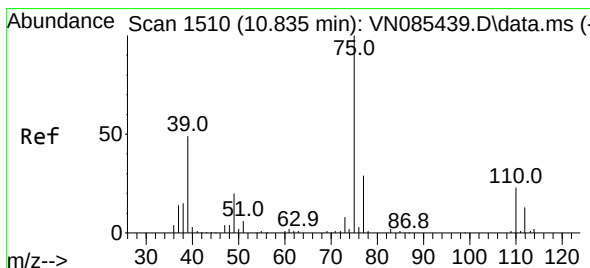
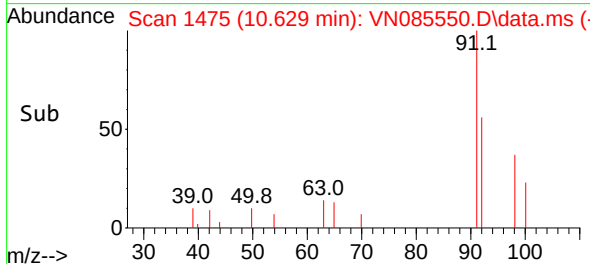
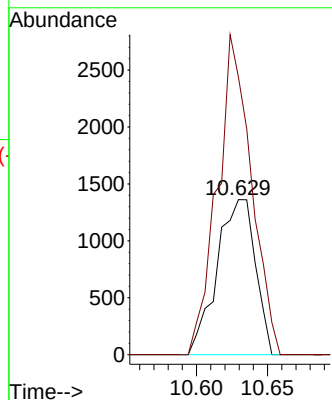
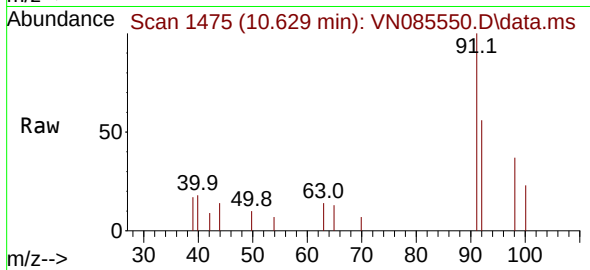




#52
Toluene
Concen: 0.444 ug/l
RT: 10.629 min Scan# 1474
Delta R.T. 0.005 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

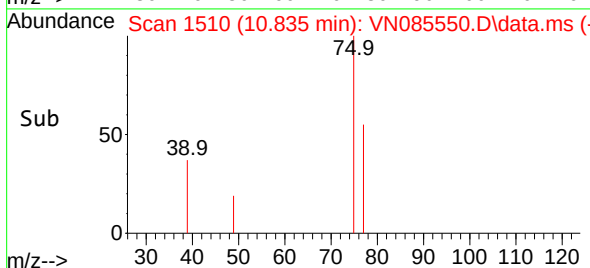
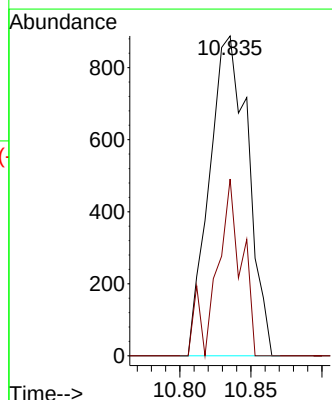
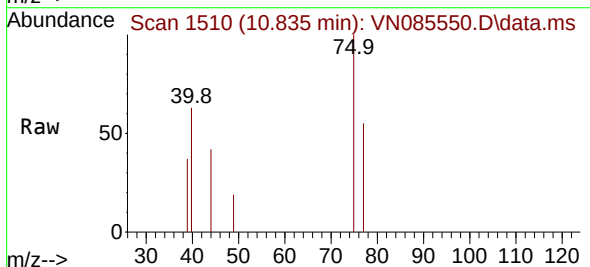
Instrument :
MSVOA_N
ClientSampleId :

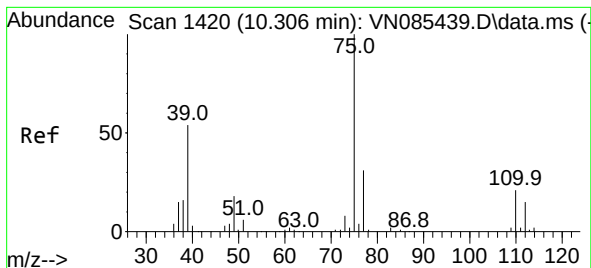
Tgt Ion: 92 Resp: 2569
Ion Ratio Lower Upper
92 100
91 182.1 139.2 208.8



#53
t-1,3-Dichloropropene
Concen: 0.475 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

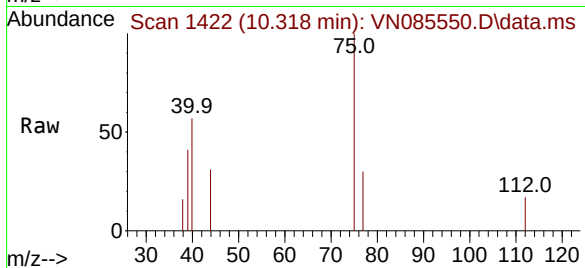
Tgt Ion: 75 Resp: 1682
Ion Ratio Lower Upper
75 100
77 55.3 23.5 35.3#



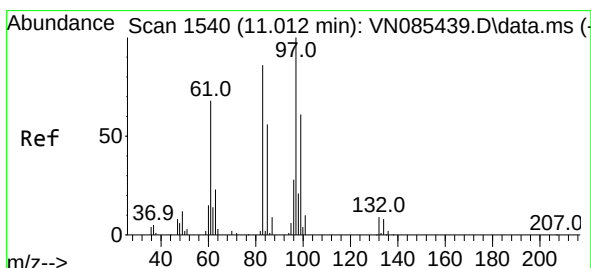
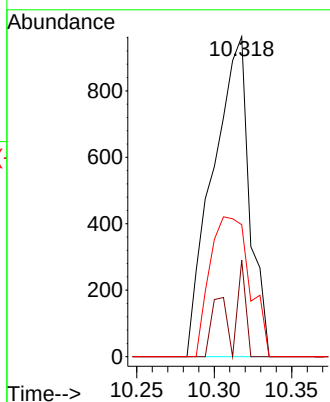
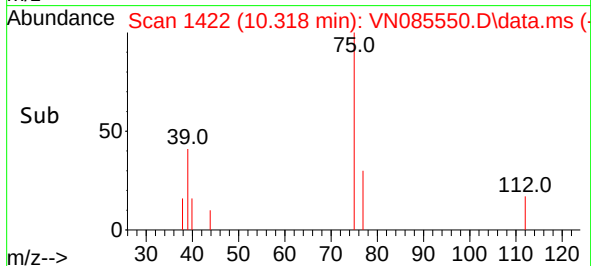


#54
 cis-1,3-Dichloropropene
 Concen: 0.417 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.012 min
 Lab File: VN085550.D
 Acq: 29 Jan 2025 12:06

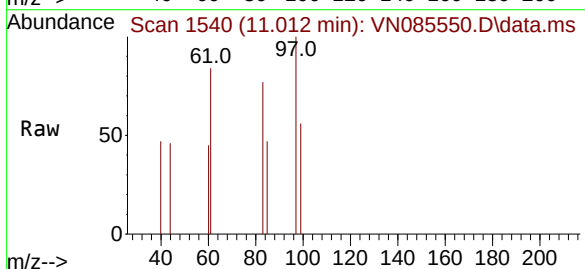
Instrument :
 MSVOA_N
 ClientSampleId :



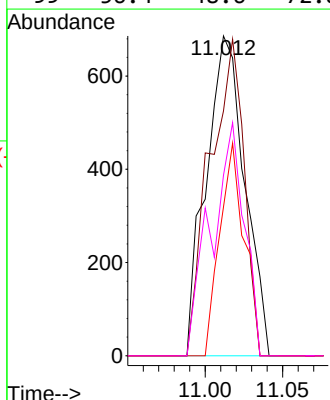
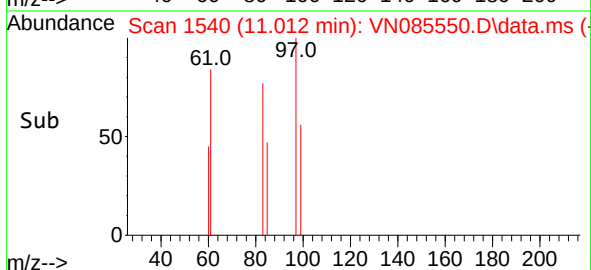
Tgt Ion: 75 Resp: 1580
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.0 37.4
 39 41.2 43.1 64.7#

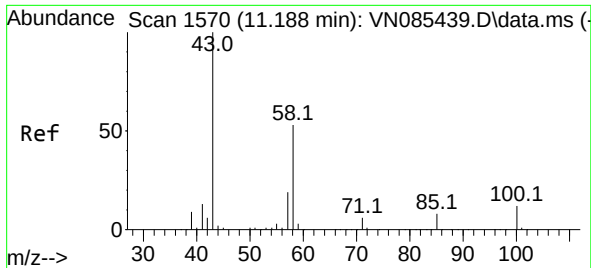


#55
 1,1,2-Trichloroethane
 Concen: 0.518 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN085550.D
 Acq: 29 Jan 2025 12:06



Tgt Ion: 97 Resp: 1187
 Ion Ratio Lower Upper
 97 100
 83 76.5 69.0 103.6
 85 46.5 44.6 66.8
 99 56.4 48.6 72.8

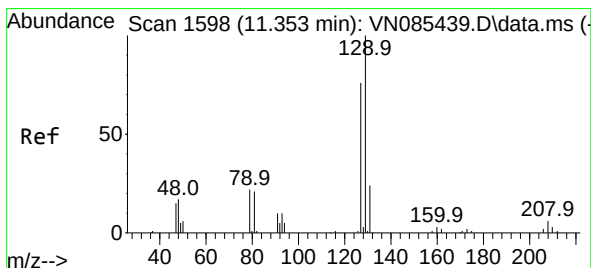
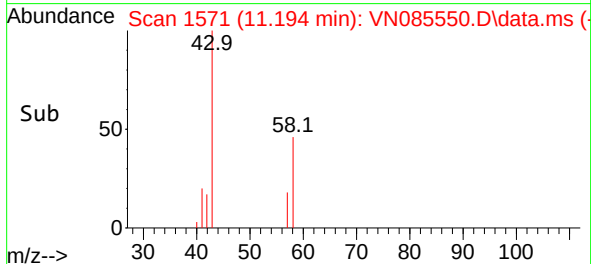
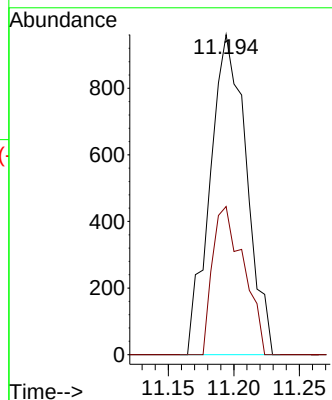
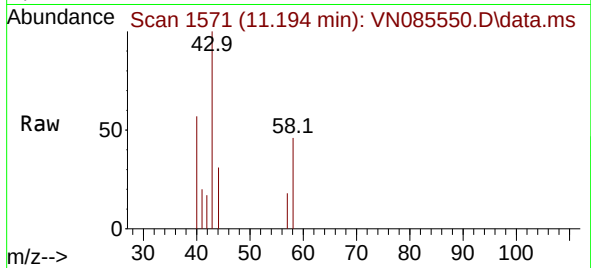




#59
2-Hexanone
Concen: 0.844 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

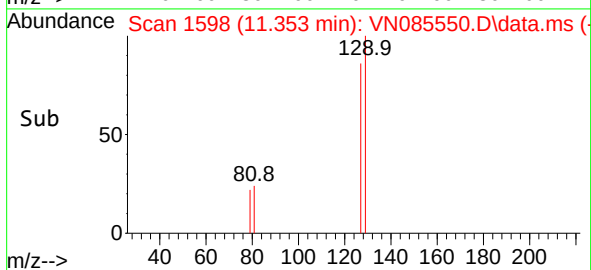
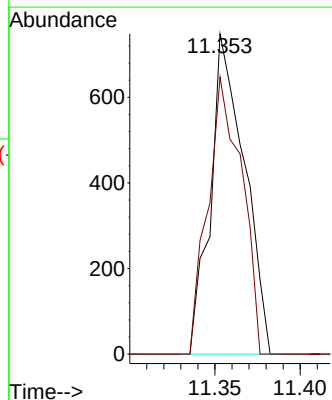
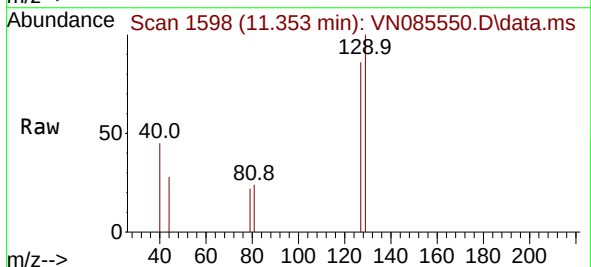
Instrument :
MSVOA_N
ClientSampleId :

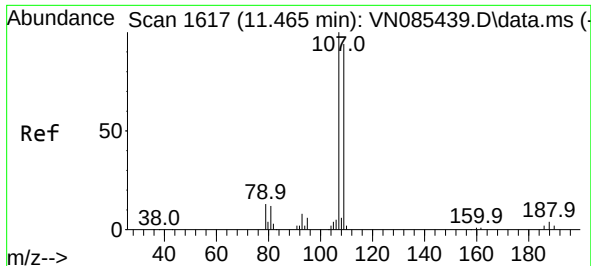
Tgt Ion: 43 Resp: 1854
Ion Ratio Lower Upper
43 100
58 39.6 26.2 78.6



#60
Dibromochloromethane
Concen: 0.374 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

Tgt Ion: 129 Resp: 1034
Ion Ratio Lower Upper
129 100
127 86.5 38.6 115.8

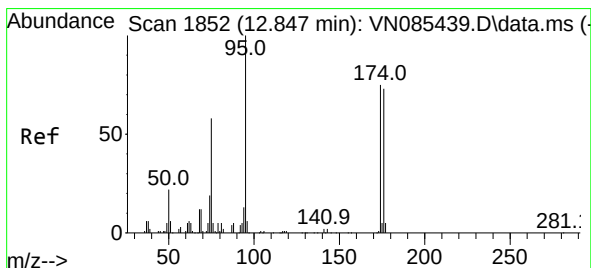
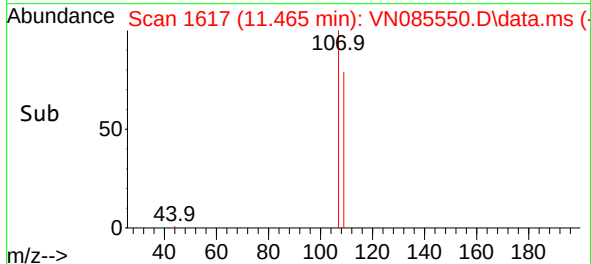
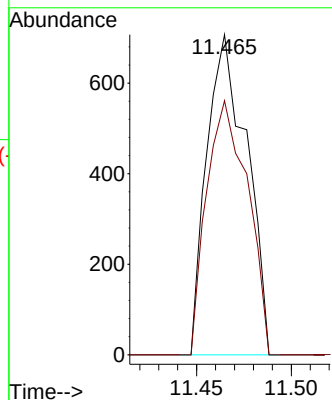
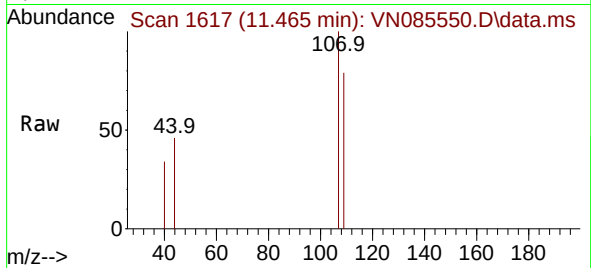




#61
1,2-Dibromoethane
Concen: 0.454 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

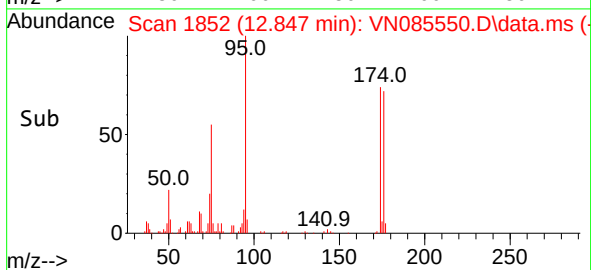
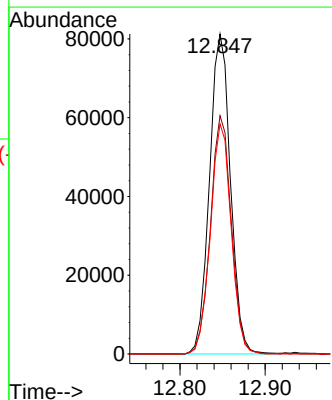
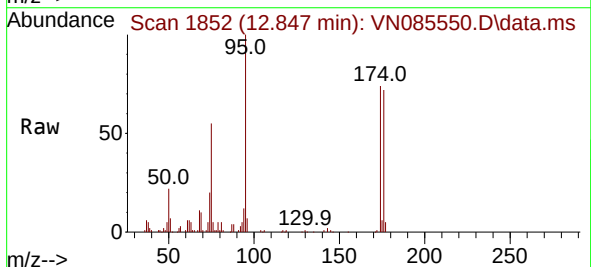
Instrument :
MSVOA_N
ClientSampleId :

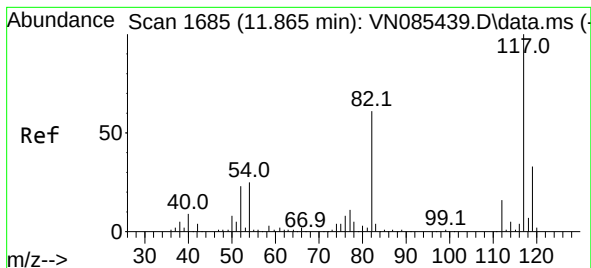
Tgt Ion:107 Resp: 1035
Ion Ratio Lower Upper
107 100
109 81.7 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 48.323 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

Tgt Ion: 95 Resp: 139125
Ion Ratio Lower Upper
95 100
174 74.1 0.0 145.0
176 71.1 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085550.D

Acq: 29 Jan 2025 12:06

Instrument :

MSVOA_N

ClientSampleId :

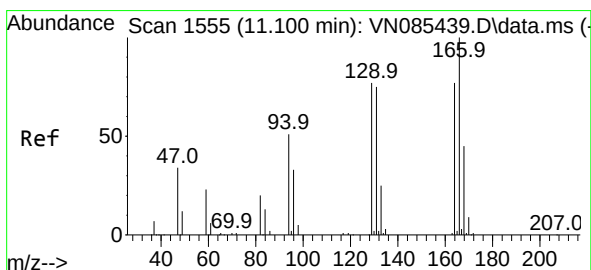
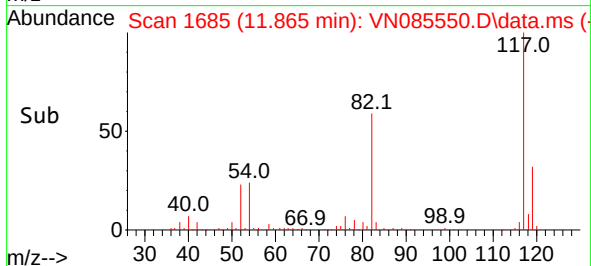
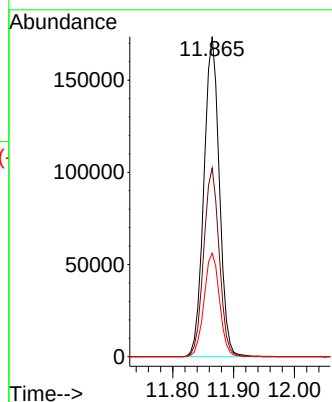
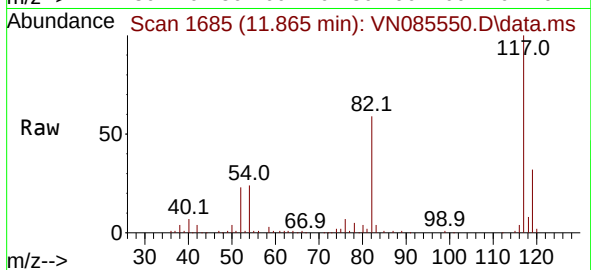
Tgt Ion:117 Resp: 305749

Ion Ratio Lower Upper

117 100

82 59.0 48.6 72.8

119 32.3 26.6 39.8



#64

Tetrachloroethene

Concen: 0.324 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN085550.D

Acq: 29 Jan 2025 12:06

Tgt Ion:164 Resp: 675

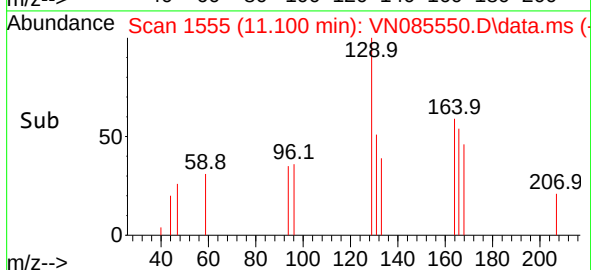
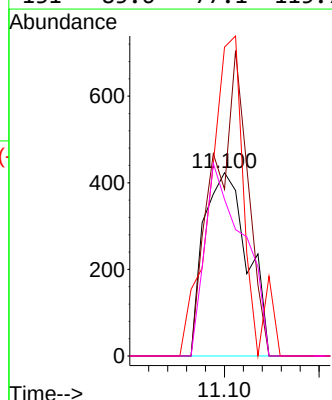
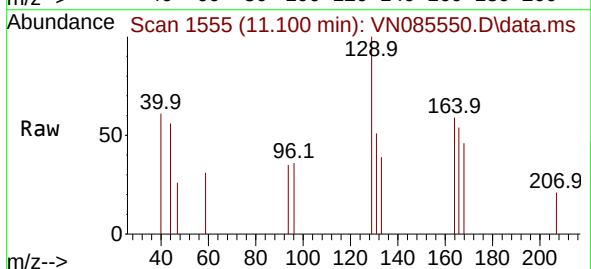
Ion Ratio Lower Upper

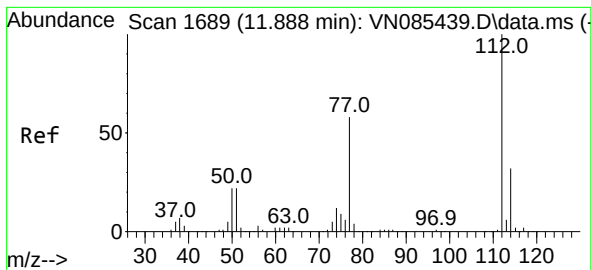
164 100

166 91.0 103.4 155.2#

129 168.6 79.2 118.8#

131 85.6 77.1 115.7

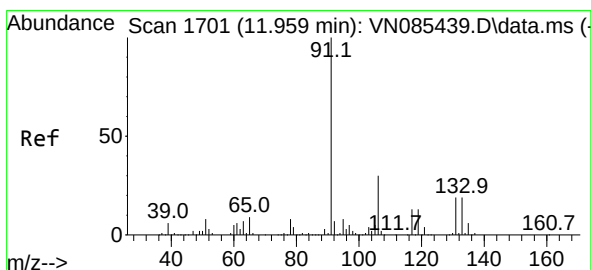
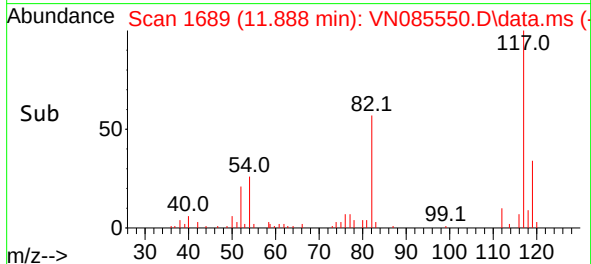
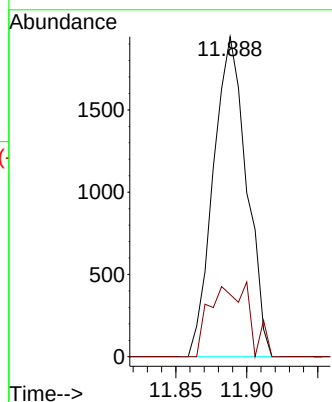
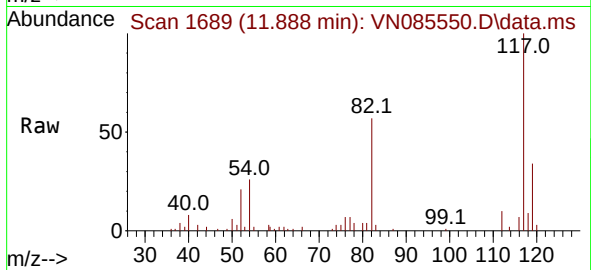




#65
Chlorobenzene
Concen: 0.474 ug/l
RT: 11.888 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

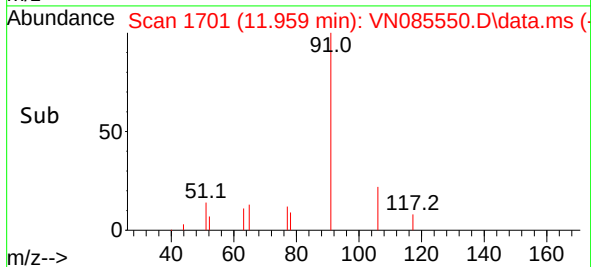
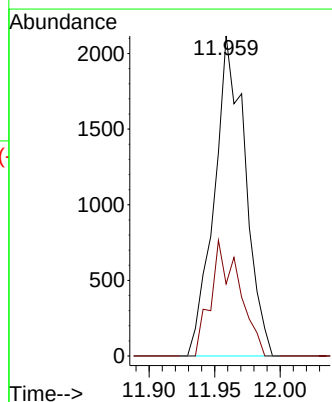
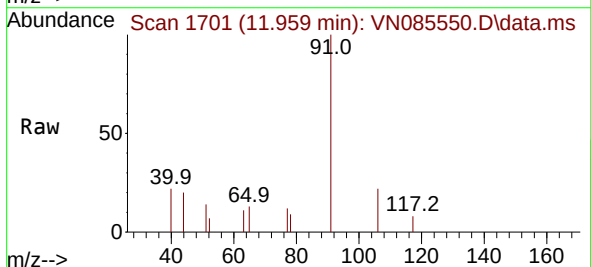
Instrument :
MSVOA_N
ClientSampleId :

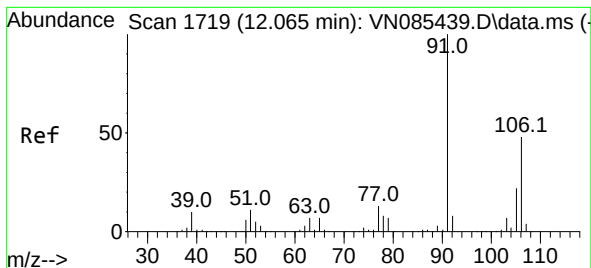
Tgt Ion:112 Resp: 3178
Ion Ratio Lower Upper
112 100
114 19.5 25.3 37.9#



#67
Ethyl Benzene
Concen: 0.318 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

Tgt Ion: 91 Resp: 3471
Ion Ratio Lower Upper
91 100
106 22.5 23.8 35.8#





#68

m/p-Xylenes

Concen: 0.379 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.006 min

Lab File: VN085550.D

Acq: 29 Jan 2025 12:06

Instrument :

MSVOA_N

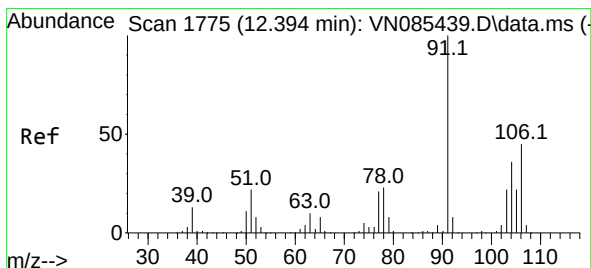
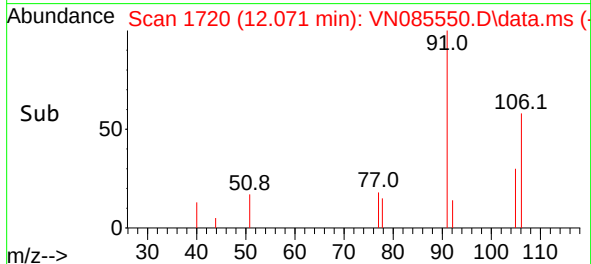
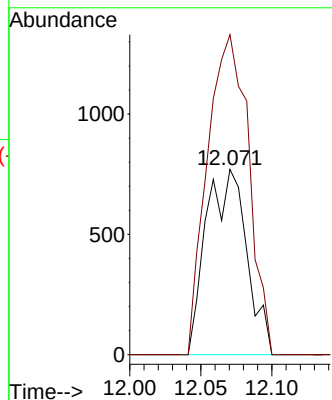
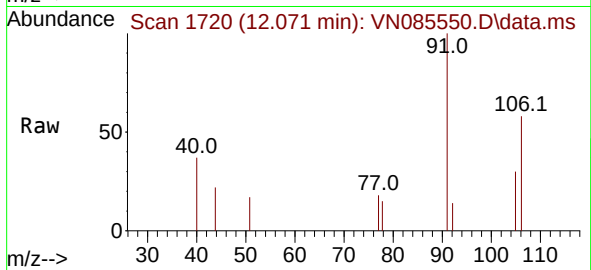
ClientSampleId :

Tgt Ion:106 Resp: 1528

Ion Ratio Lower Upper

106 100

91 175.7 167.7 251.5



#69

o-Xylene

Concen: 0.309 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN085550.D

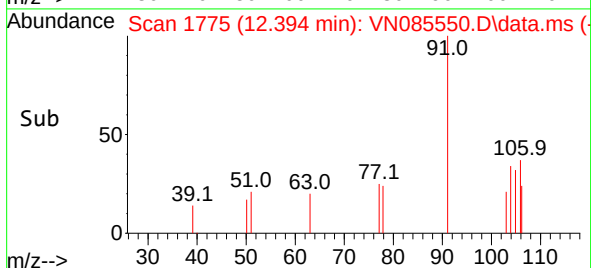
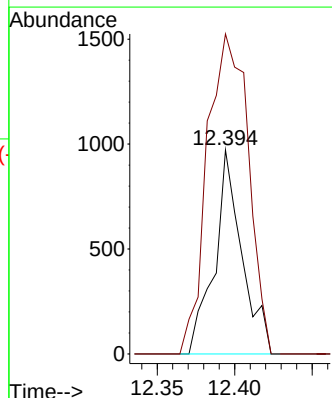
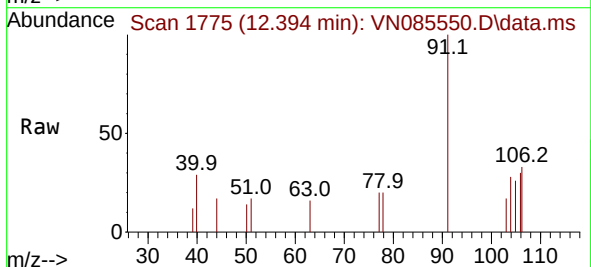
Acq: 29 Jan 2025 12:06

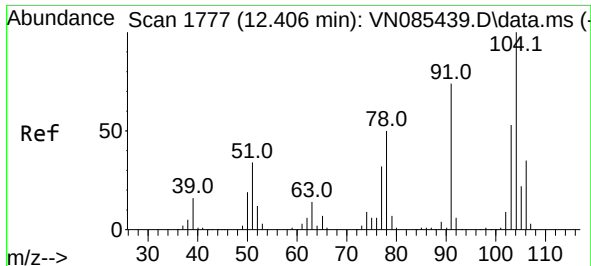
Tgt Ion:106 Resp: 1192

Ion Ratio Lower Upper

106 100

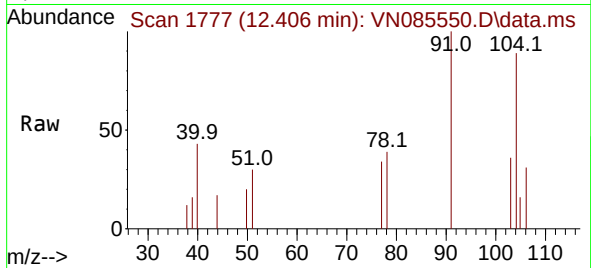
91 234.8 110.4 331.2



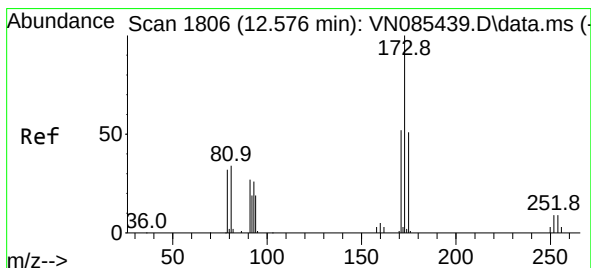
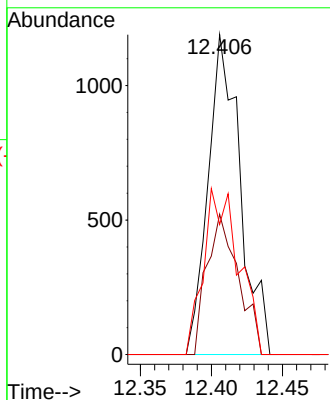
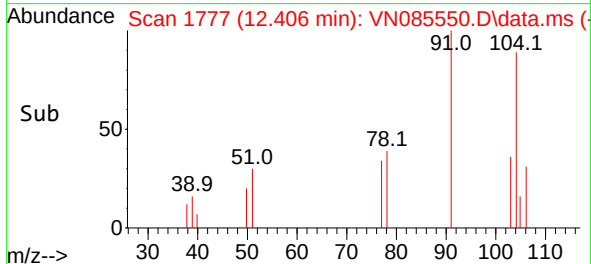


#70
Styrene
Concen: 0.293 ug/l
RT: 12.406 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

Instrument :
MSVOA_N
ClientSampleId :

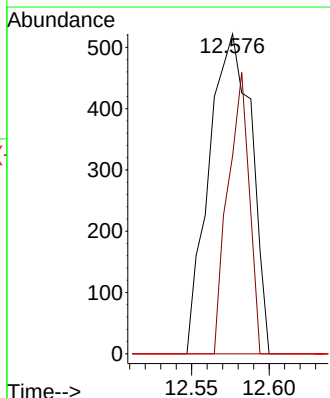
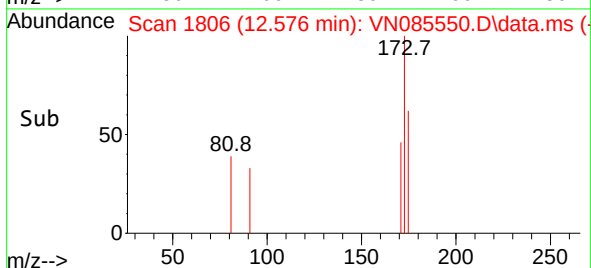
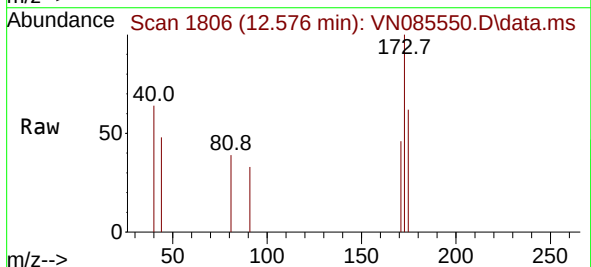


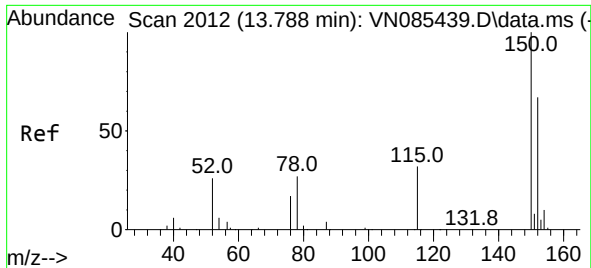
Tgt Ion:104 Resp: 1869
Ion Ratio Lower Upper
104 100
78 43.1 42.5 63.7
103 56.7 43.8 65.8



#71
Bromoform
Concen: 0.564 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

Tgt Ion:173 Resp: 992
Ion Ratio Lower Upper
173 100
175 44.1 24.4 73.2
254 0.0 0.0 0.0

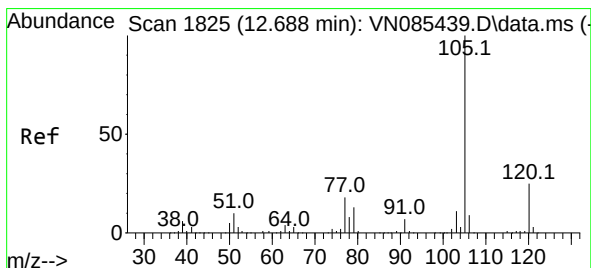
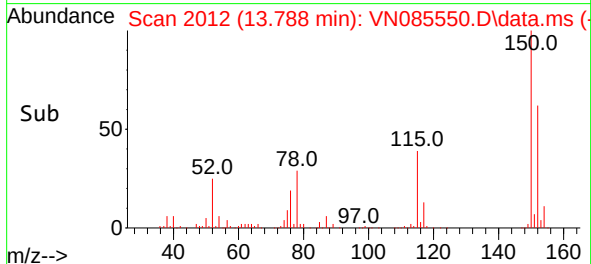
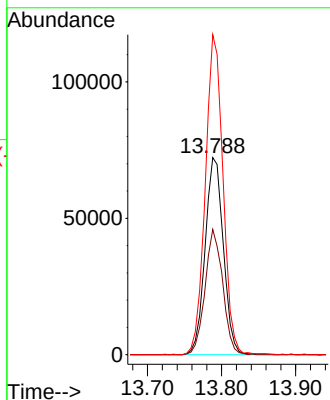
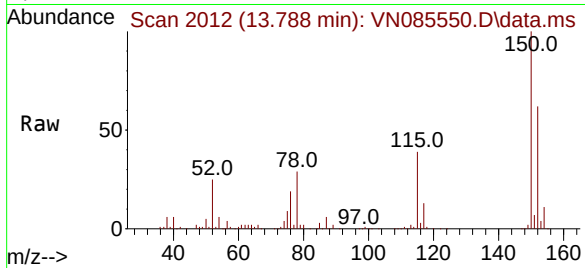




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

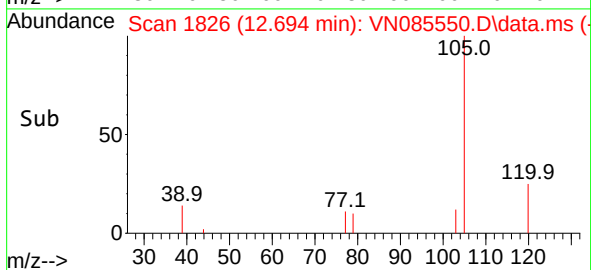
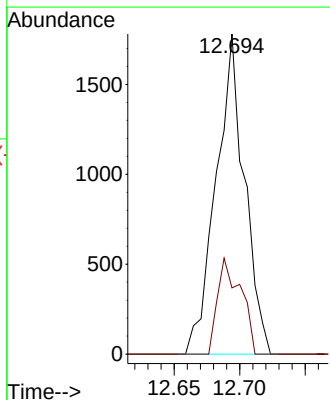
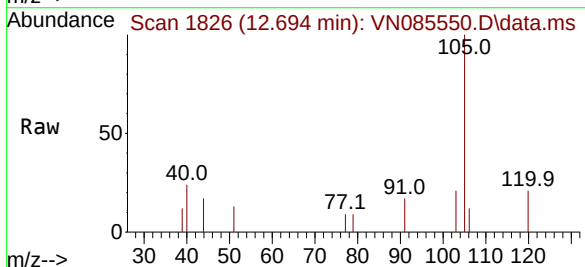
Instrument :
MSVOA_N
ClientSampleId :

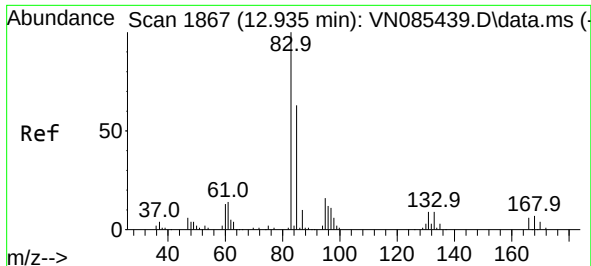
Tgt Ion:152 Resp: 123478
Ion Ratio Lower Upper
152 100
115 61.4 31.1 93.3
150 157.6 0.0 343.6



#73
Isopropylbenzene
Concen: 0.322 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

Tgt Ion:105 Resp: 2682
Ion Ratio Lower Upper
105 100
120 24.5 12.8 38.3

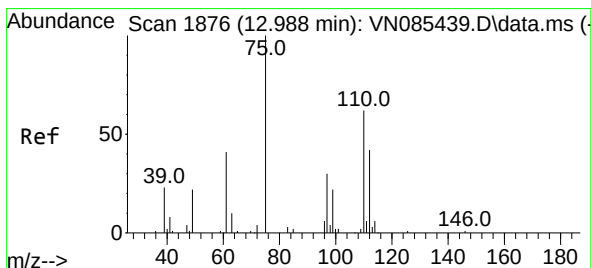
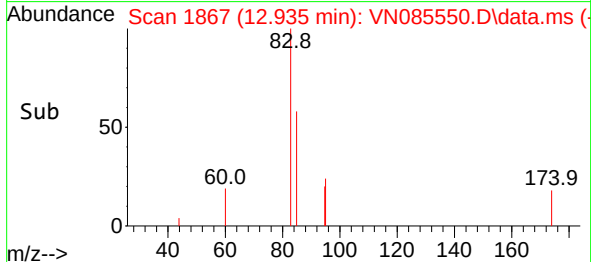
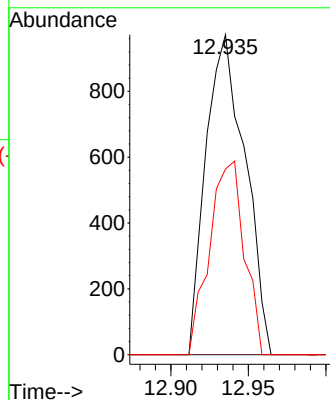
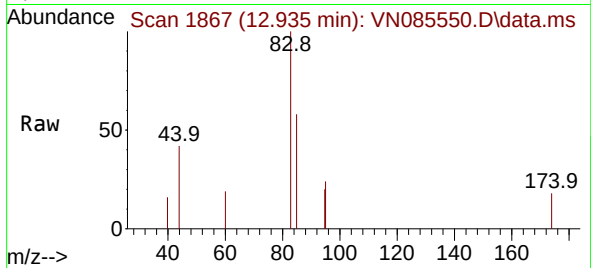




#75
1,1,2,2-Tetrachloroethane
Concen: 0.581 ug/l
RT: 12.935 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

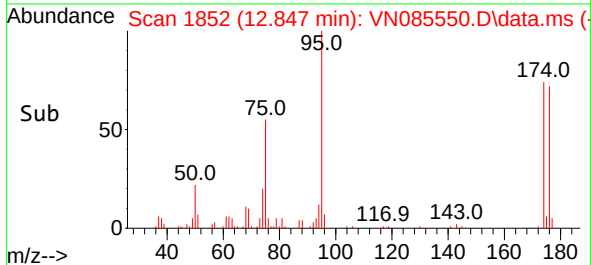
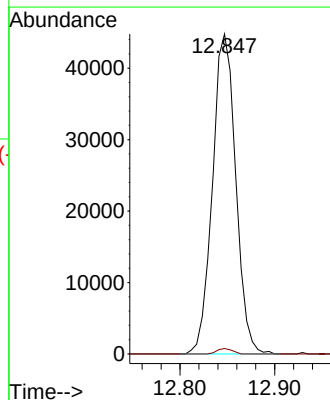
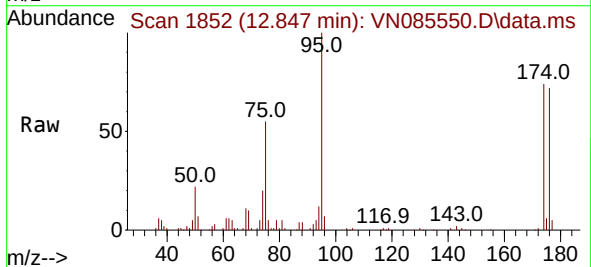
Instrument :
MSVOA_N
ClientSampleId :

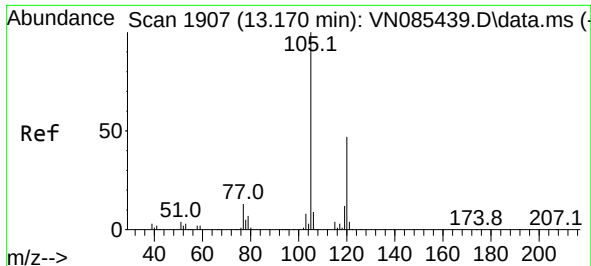
Tgt Ion: 83 Resp: 1709
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4#
85 53.8 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 30.457 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

Tgt Ion: 75 Resp: 76438
Ion Ratio Lower Upper
75 100
77 1.1 109.7 329.2#

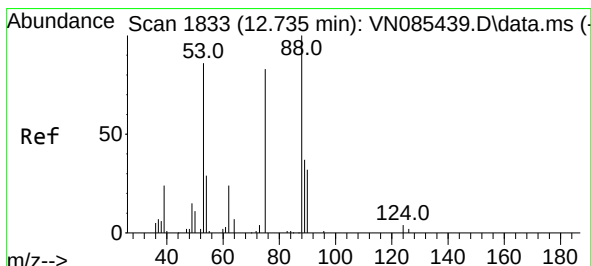
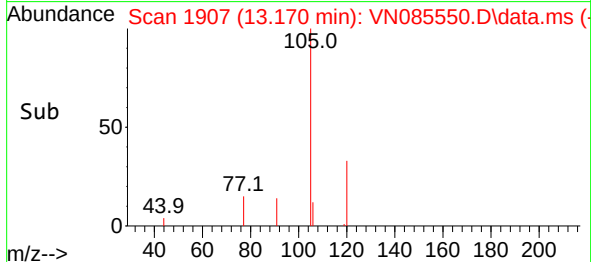
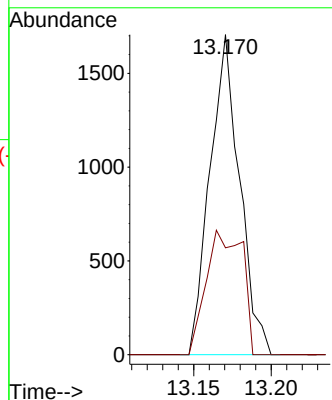
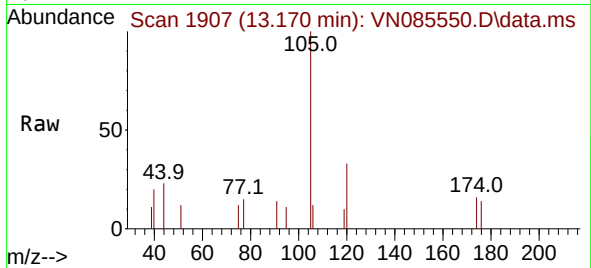




#80
 1,3,5-Trimethylbenzene
 Concen: 0.330 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VN085550.D
 Acq: 29 Jan 2025 12:06

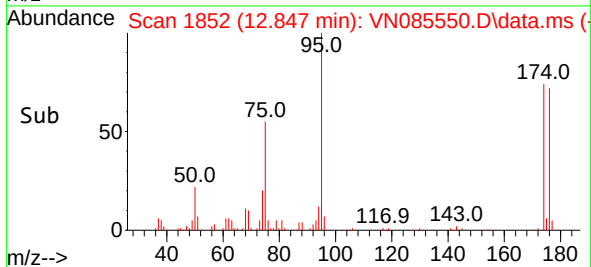
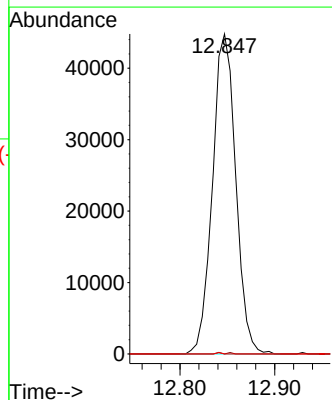
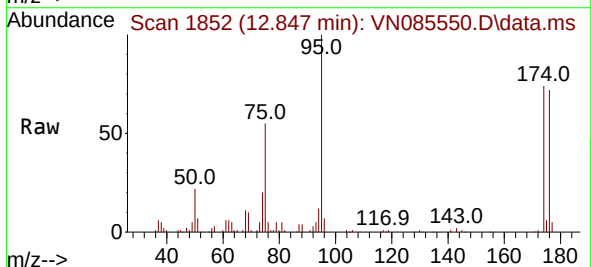
Instrument :
 MSVOA_N
 ClientSampleId :

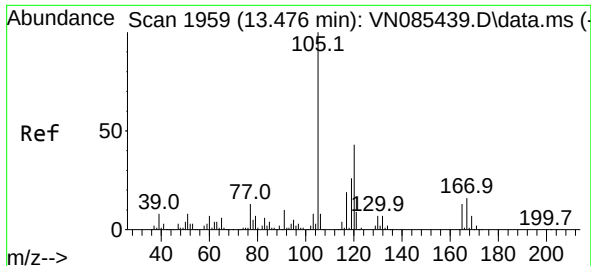
Tgt Ion:105 Resp: 2274
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.9 71.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.403 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN085550.D
 Acq: 29 Jan 2025 12:06

Tgt Ion: 75 Resp: 76438
 Ion Ratio Lower Upper
 75 100
 53 0.2 95.6 143.4#
 89 0.1 37.0 55.6#

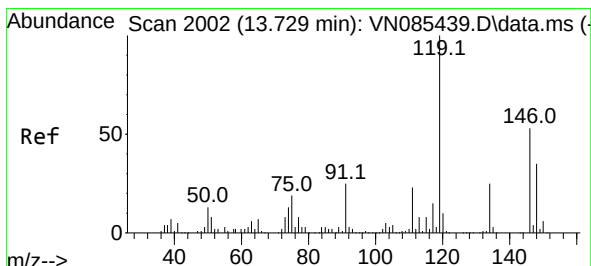
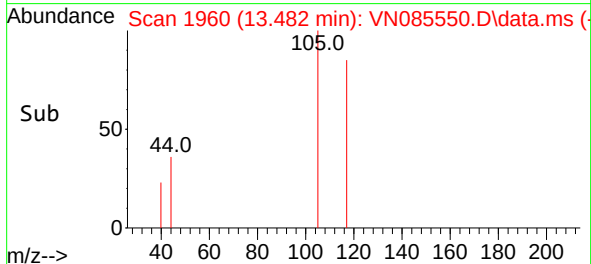
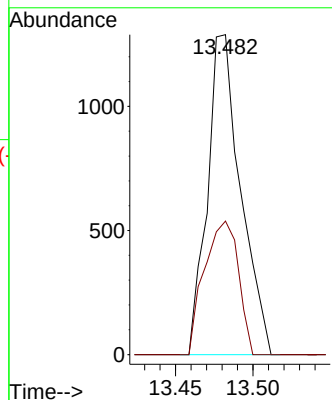
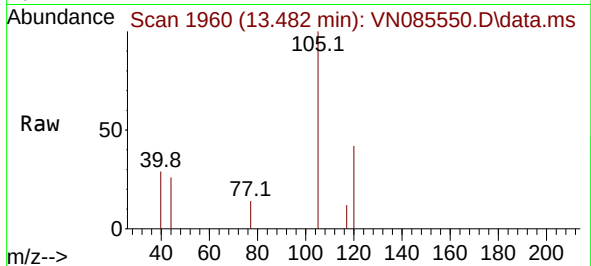




#84
1,2,4-Trimethylbenzene
Concen: 0.280 ug/l
RT: 13.482 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

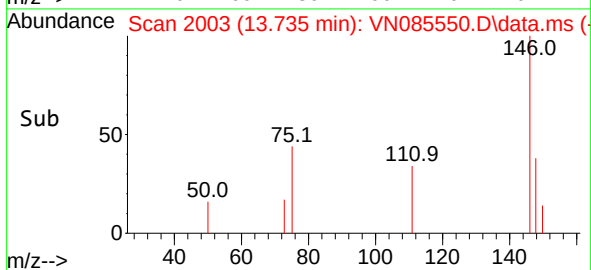
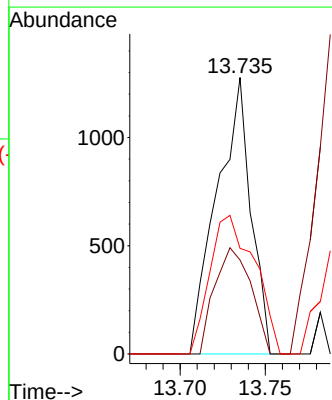
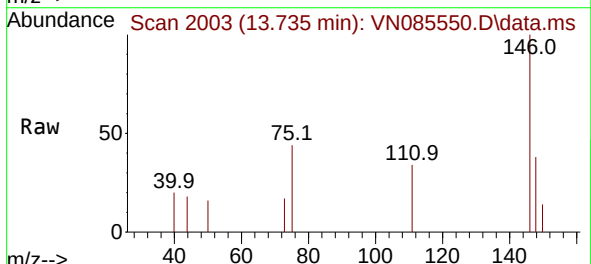
Instrument :
MSVOA_N
ClientSampleId :

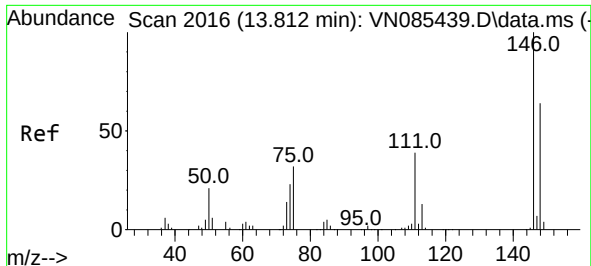
Tgt Ion:105 Resp: 1920
Ion Ratio Lower Upper
105 100
120 42.7 21.6 65.0



#87
1,3-Dichlorobenzene
Concen: 0.440 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

Tgt Ion:146 Resp: 1765
Ion Ratio Lower Upper
146 100
111 41.3 21.4 64.3
148 66.3 32.3 96.9

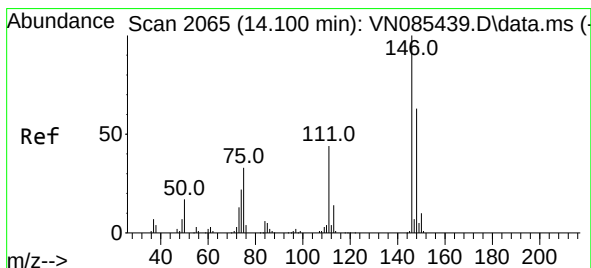
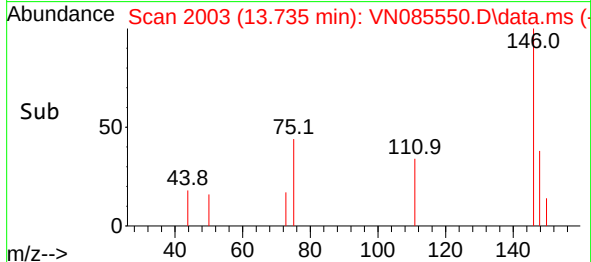
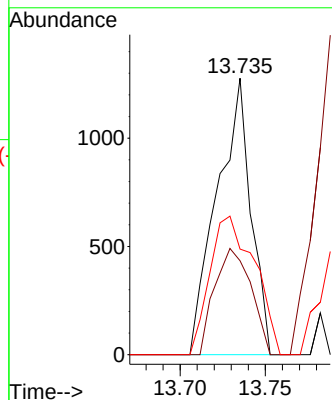
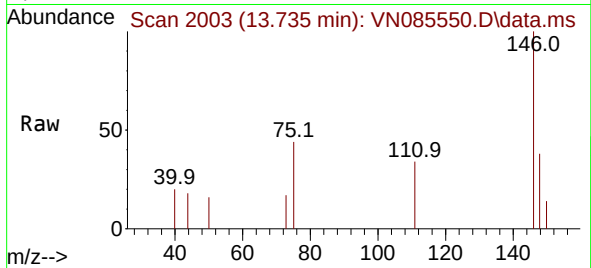




#88
 1,4-Dichlorobenzene
 Concen: 0.425 ug/l
 RT: 13.735 min Scan# 2016
 Delta R.T. -0.076 min
 Lab File: VN085550.D
 Acq: 29 Jan 2025 12:06

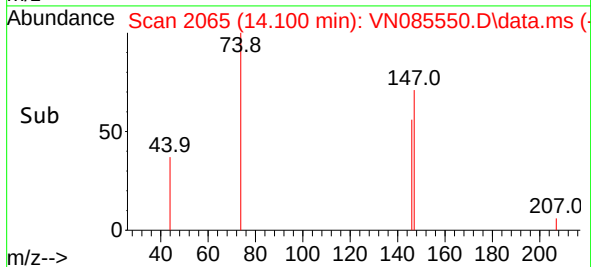
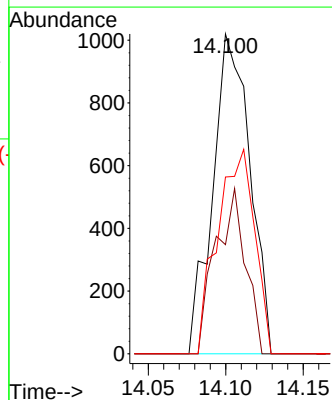
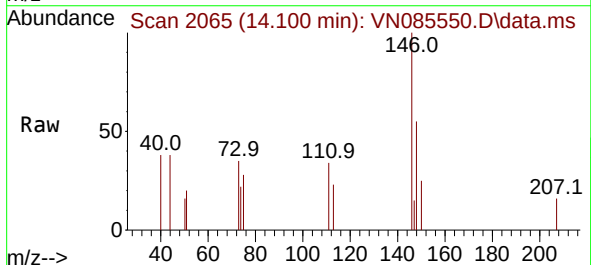
Instrument :
 MSVOA_N
 ClientSampleId :

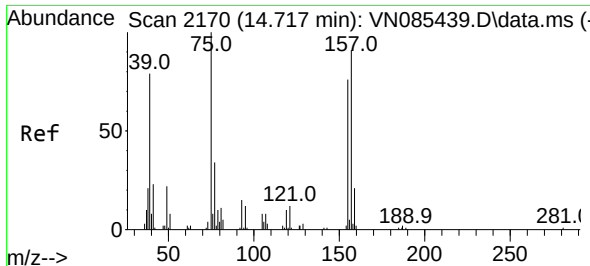
Tgt Ion:146 Resp: 1765
 Ion Ratio Lower Upper
 146 100
 111 41.3 21.3 63.7
 148 66.3 32.4 97.0



#91
 1,2-Dichlorobenzene
 Concen: 0.426 ug/l
 RT: 14.100 min Scan# 2065
 Delta R.T. 0.000 min
 Lab File: VN085550.D
 Acq: 29 Jan 2025 12:06

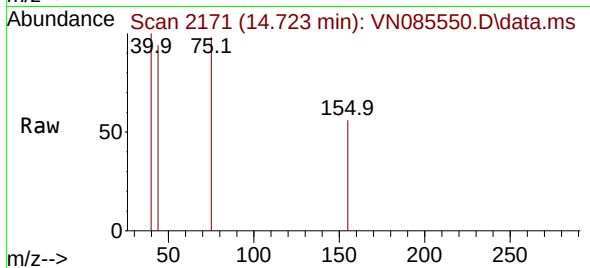
Tgt Ion:146 Resp: 1704
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.7 65.1
 148 63.7 31.4 94.2



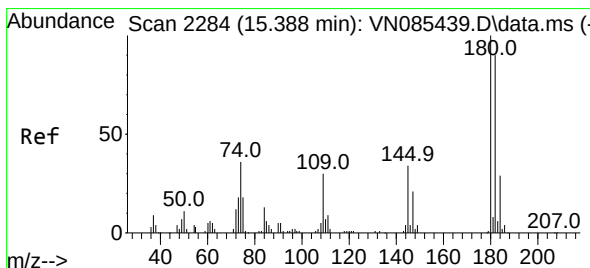
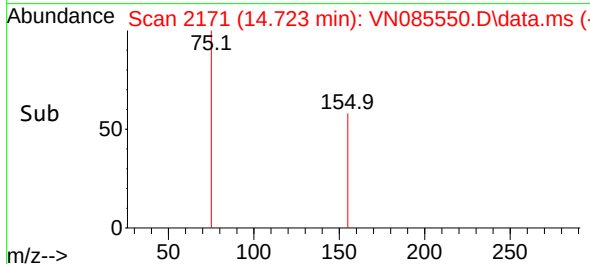
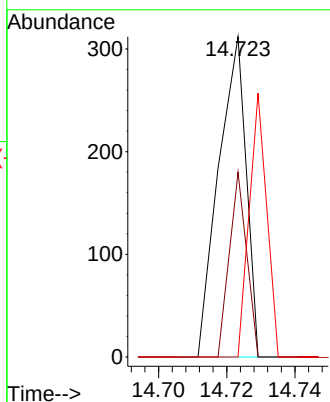


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.326 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.006 min
 Lab File: VN085550.D
 Acq: 29 Jan 2025 12:06

Instrument :
 MSVOA_N
 ClientSampleId :

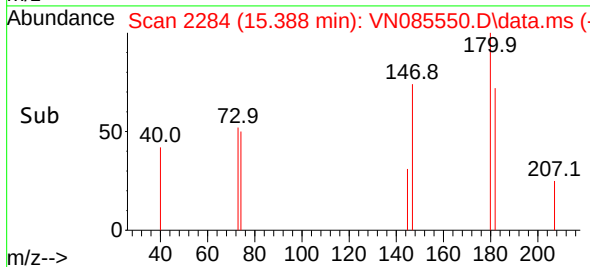
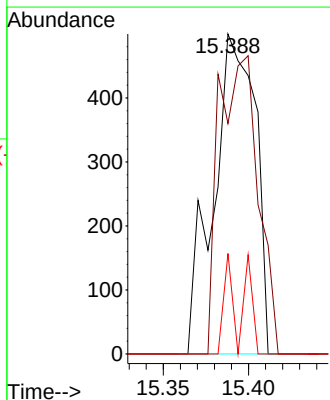
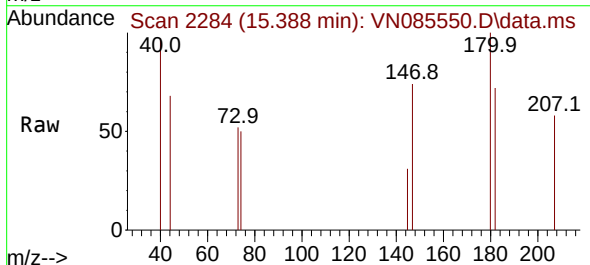


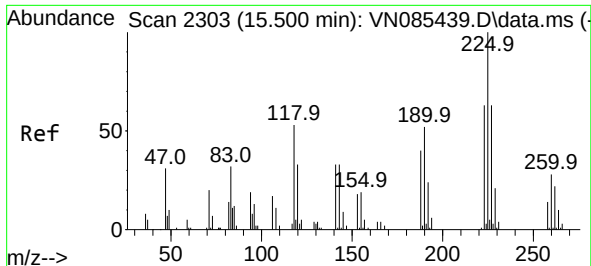
Tgt Ion: 75 Resp: 175
 Ion Ratio Lower Upper
 75 100
 155 36.0 36.4 109.2#
 157 52.0 45.4 136.1



#93
 1,2,4-Trichlorobenzene
 Concen: 0.462 ug/l
 RT: 15.388 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: VN085550.D
 Acq: 29 Jan 2025 12:06

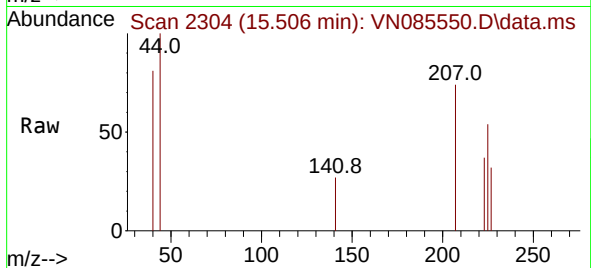
Tgt Ion: 180 Resp: 859
 Ion Ratio Lower Upper
 180 100
 182 87.0 46.8 140.3
 145 12.8 16.0 48.0#



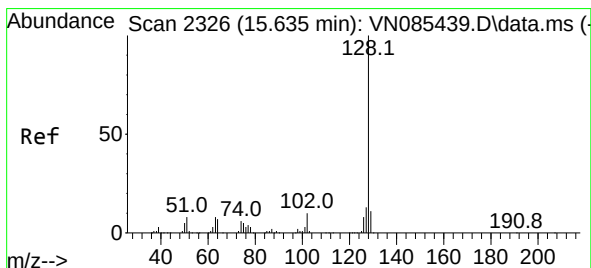
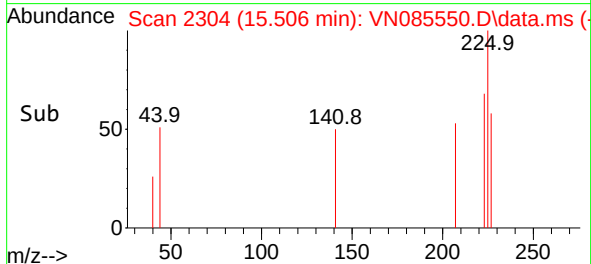
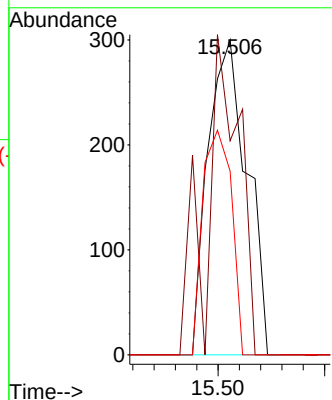


#94
Hexachlorobutadiene
Concen: 0.387 ug/l
RT: 15.506 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

Instrument :
MSVOA_N
ClientSampleId :

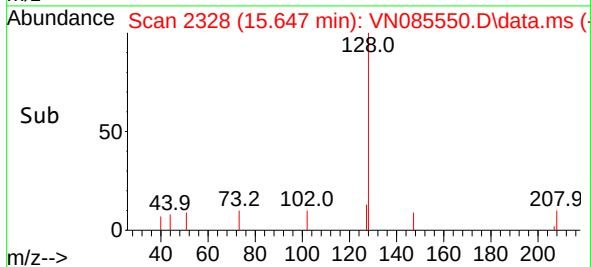
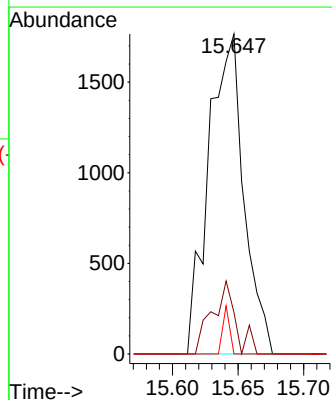
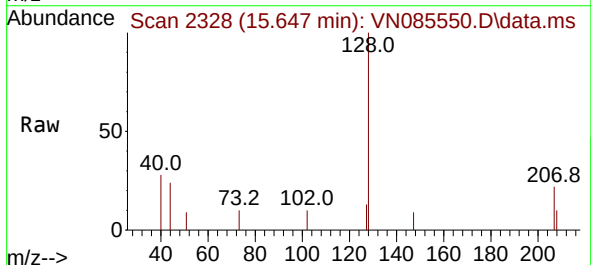


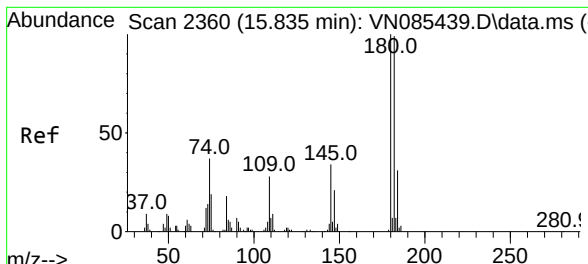
Tgt Ion:	225	Resp:	382
Ion Ratio	Lower	Upper	
225	100		
223	86.1	30.7	92.1
227	52.9	30.9	92.5



#95
Naphthalene
Concen: 0.594 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.012 min
Lab File: VN085550.D
Acq: 29 Jan 2025 12:06

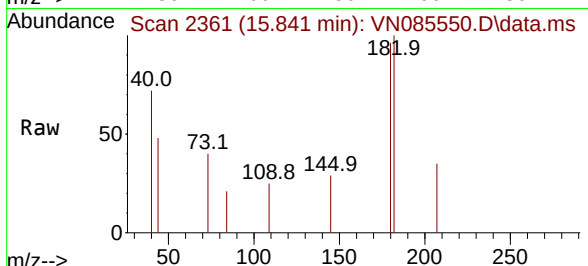
Tgt Ion:	128	Resp:	3295
Ion Ratio	Lower	Upper	
128	100		
127	15.2	10.6	16.0
129	2.9	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.555 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN085550.D
 Acq: 29 Jan 2025 12:06

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1043
Ion	Ratio	Lower	Upper
180	100		
182	105.2	47.4	142.2
145	7.0	16.9	50.7#

