

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
 Data File : VN085480.D
 Acq On : 17 Jan 2025 09:52
 Operator : JC\MD
 Sample : VN0117MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 17 22:30:05 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

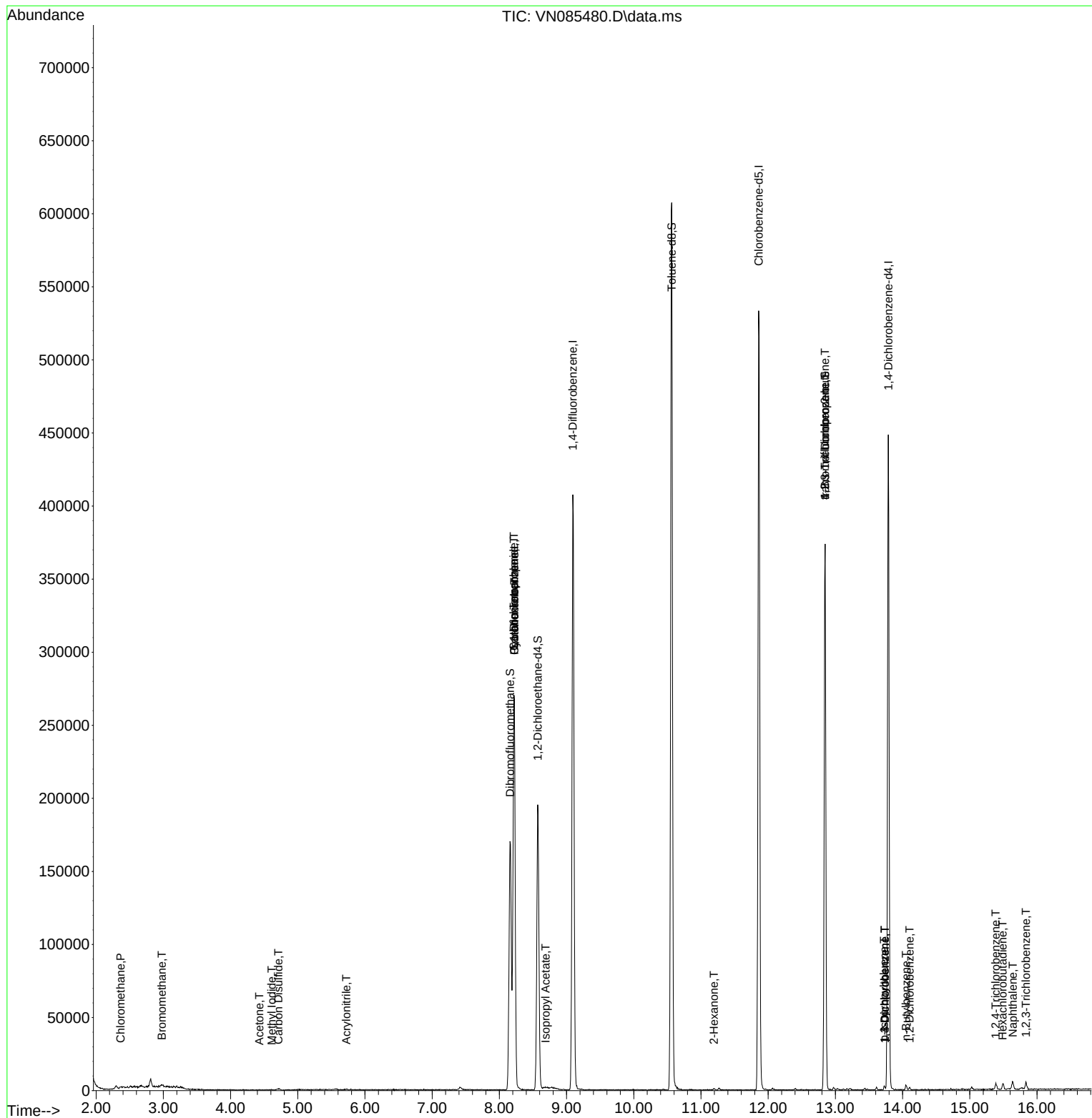
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	184054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	334894	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	289442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	162447	54.677	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.360%	
35) Dibromofluoromethane	8.159	113	122310	52.644	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.280%	
50) Toluene-d8	10.565	98	412310	49.948	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.900%	
62) 4-Bromofluorobenzene	12.847	95	124204	43.985	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 87.980%	
Target Compounds						Qvalue
3) Chloromethane	2.365	50	697	0.258	ug/l #	75
5) Bromomethane	2.977	94	1218	0.743	ug/l #	76
10) Methyl Iodide	4.612	142	591	0.233	ug/l #	36
15) Acrylonitrile	5.724	53	412	0.381	ug/l #	59
16) Acetone	4.430	43	226	0.235	ug/l #	45
17) Carbon Disulfide	4.712	76	1225	0.201	ug/l #	76
31) Cyclohexane	8.224	56	5060	1.342	ug/l #	24
36) 1,1-Dichloropropene	8.218	75	17169	5.265	ug/l #	51
38) Carbon Tetrachloride	8.218	117	20483	5.487	ug/l #	16
43) Isopropyl Acetate	8.688	43	1431	0.271	ug/l #	55
59) 2-Hexanone	11.194	43	872	0.405	ug/l	80
76) 1,2,3-Trichloropropane	12.847	75	68757	29.785	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	68757	80.585	ug/l #	3
86) p-Isopropyltoluene	13.723	119	1059	0.205	ug/l #	74
87) 1,3-Dichlorobenzene	13.735	146	829	0.225	ug/l	83
88) 1,4-Dichlorobenzene	13.735	146	829	0.217	ug/l	83
89) n-Butylbenzene	14.053	91	2263	0.428	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	892	0.242	ug/l	89
93) 1,2,4-Trichlorobenzene	15.388	180	1613	0.943	ug/l	90
94) Hexachlorobutadiene	15.488	225	1021	1.125	ug/l	95
95) Naphthalene	15.641	128	6158	1.207	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.835	180	2415	1.396	ug/l	91

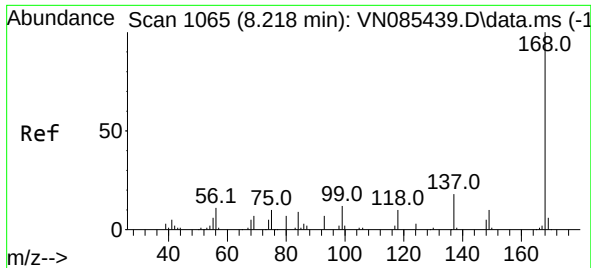
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
Data File : VN085480.D
Acq On : 17 Jan 2025 09:52
Operator : JC\MD
Sample : VN0117MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
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Quant Time: Jan 17 22:30:05 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

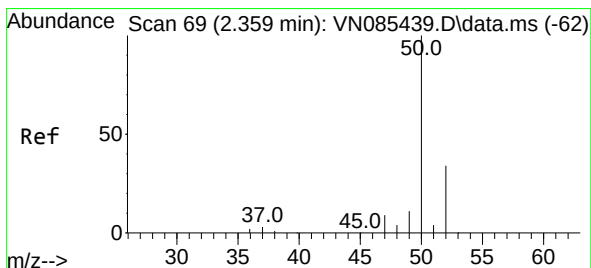
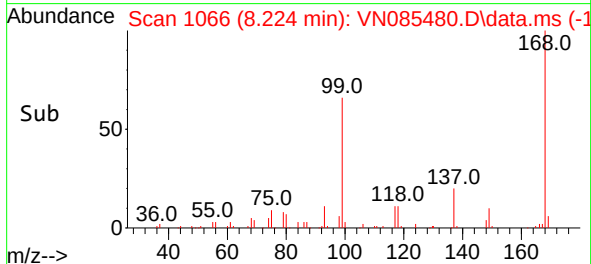
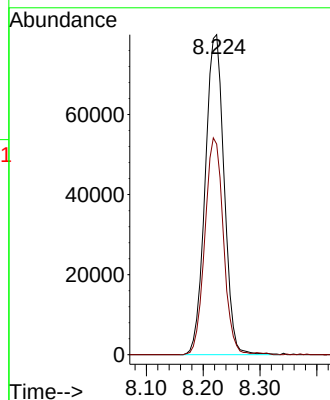
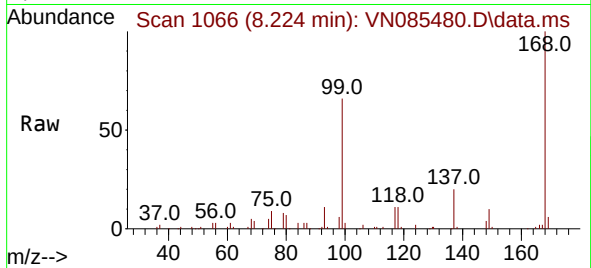




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:52

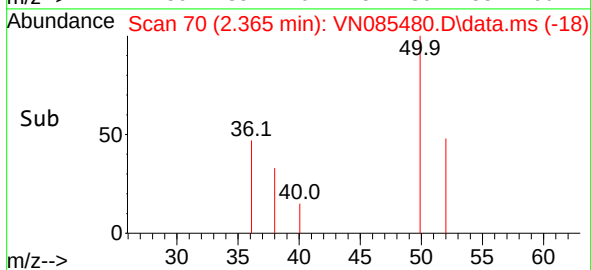
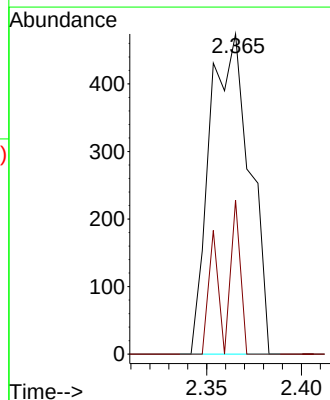
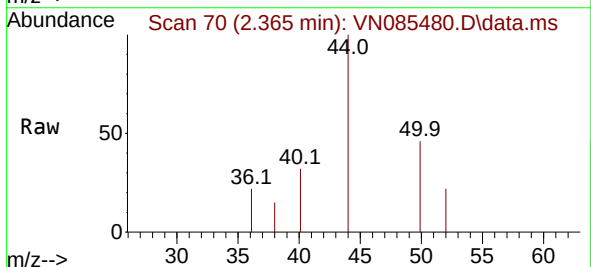
Instrument :
MSVOA_N
ClientSampleId :

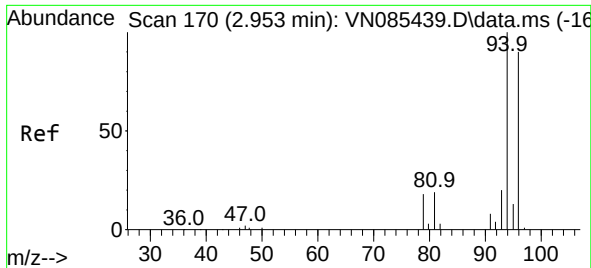
Tgt Ion:168 Resp: 184054
Ion Ratio Lower Upper
168 100
99 65.8 53.6 80.4



#3
Chloromethane
Concen: 0.258 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:52

Tgt Ion: 50 Resp: 697
Ion Ratio Lower Upper
50 100
52 48.1 27.0 40.6#

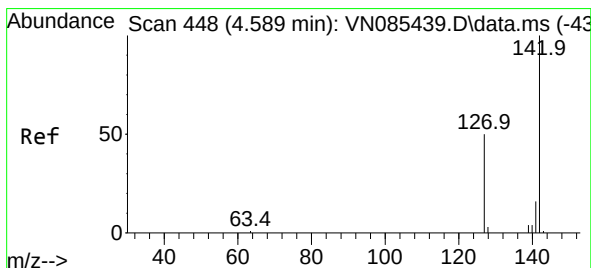
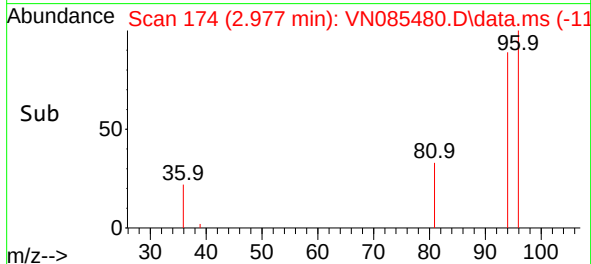
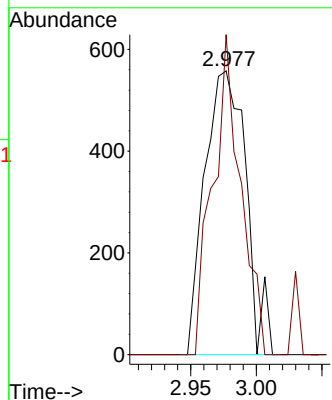
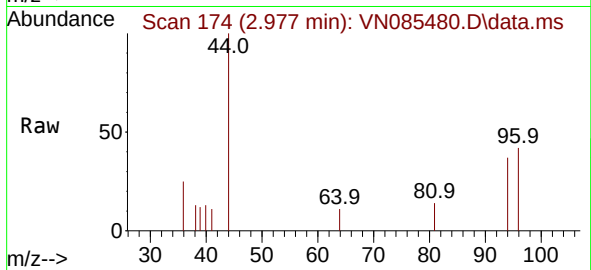




#5
Bromomethane
Concen: 0.743 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:52

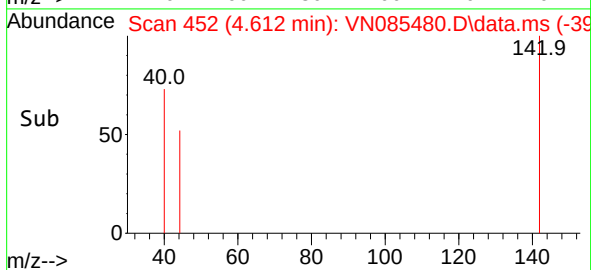
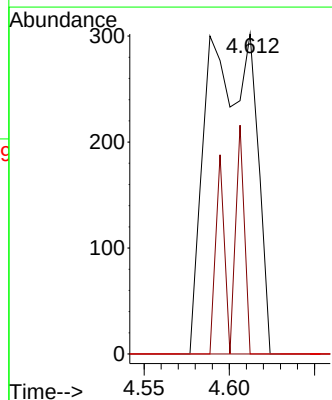
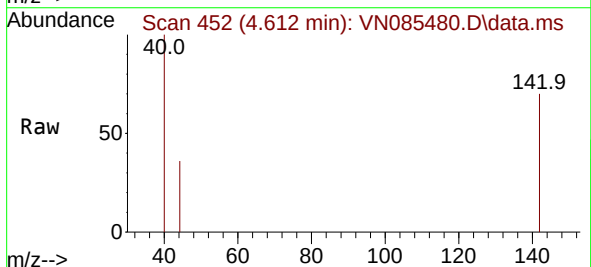
Instrument :
MSVOA_N
ClientSampleId :

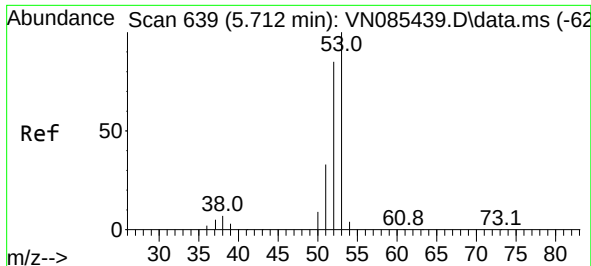
Tgt Ion: 94 Resp: 1218
Ion Ratio Lower Upper
94 100
96 112.7 71.8 107.6#



#10
Methyl Iodide
Concen: 0.233 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.024 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:52

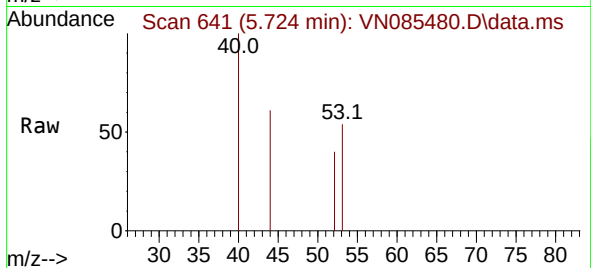
Tgt Ion:142 Resp: 591
Ion Ratio Lower Upper
142 100
127 0.0 40.3 60.5#
141 0.0 12.8 19.2#





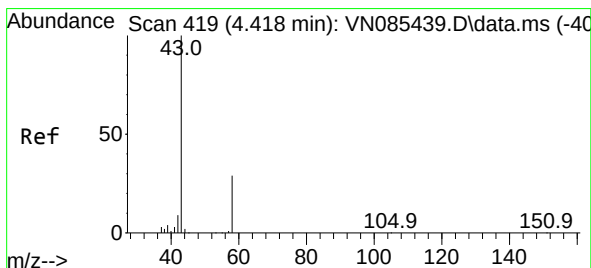
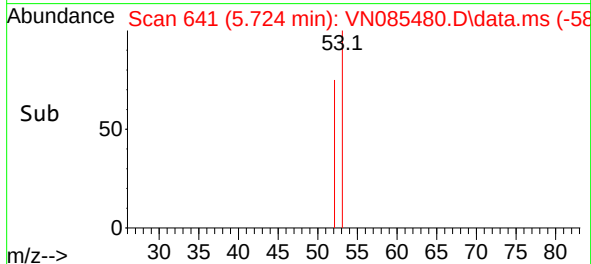
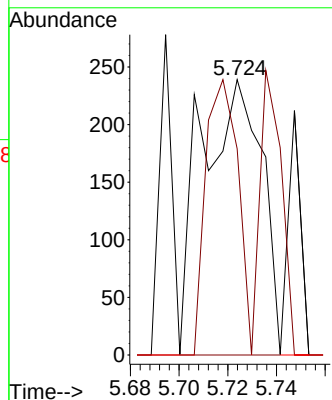
#15
Acrylonitrile
Concen: 0.381 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:52

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 53 Resp: 412

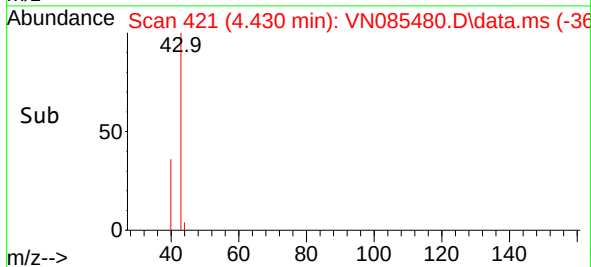
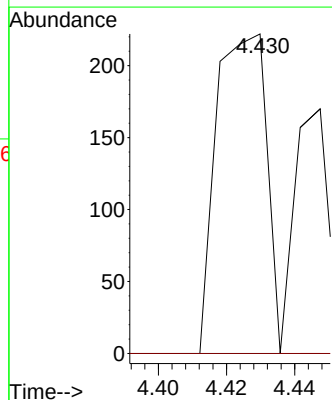
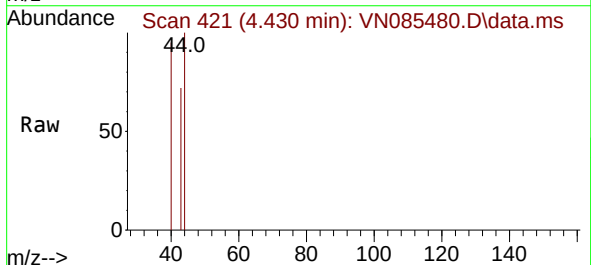
Ion	Ratio	Lower	Upper
53	100		
52	53.4	65.5	98.3#
51	0.0	29.8	44.8#

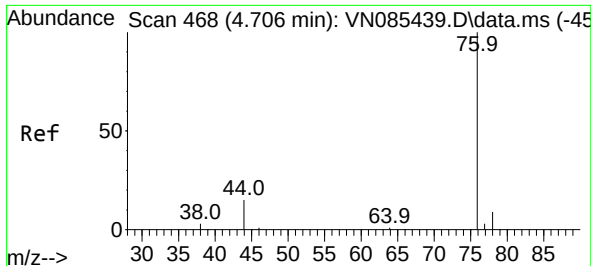


#16
Acetone
Concen: 0.235 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:52

Tgt Ion: 43 Resp: 226

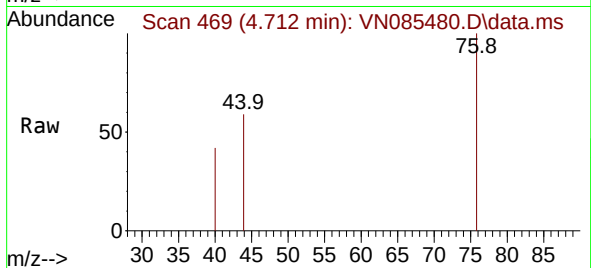
Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.8	35.6#



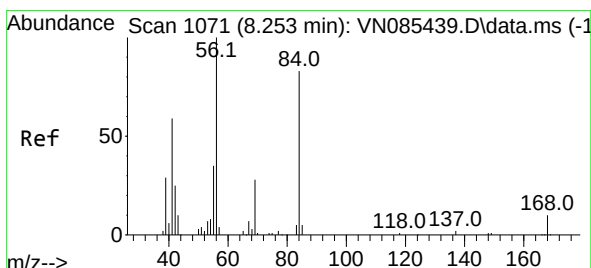
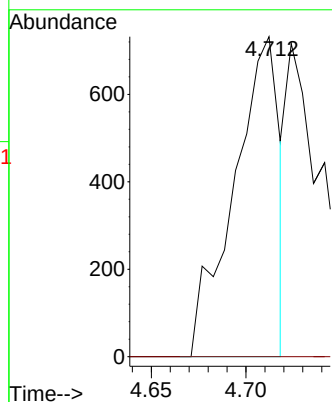
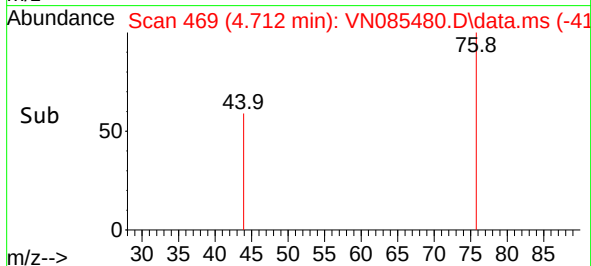


#17
Carbon Disulfide
Concen: 0.201 ug/l
RT: 4.712 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:52

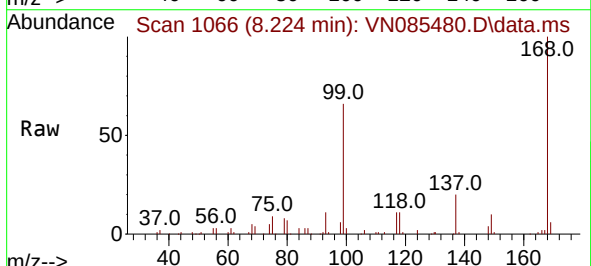
Instrument :
MSVOA_N
ClientSampleId :



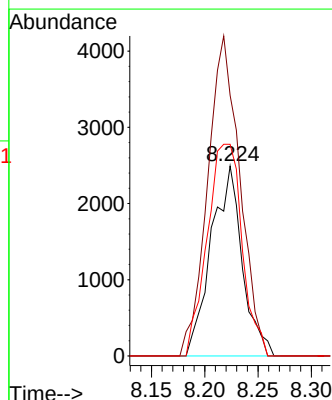
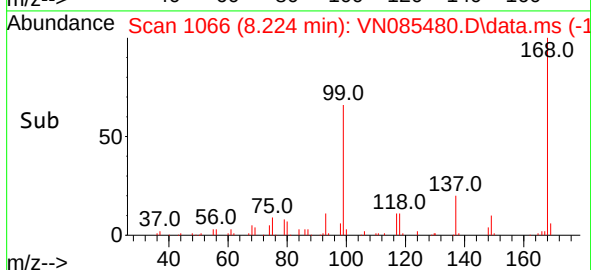
Tgt Ion: 76 Resp: 1225
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#

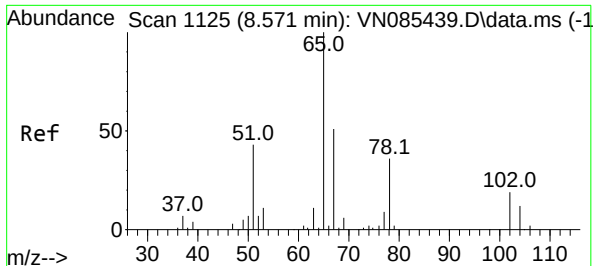


#31
Cyclohexane
Concen: 1.342 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:52



Tgt Ion: 56 Resp: 5060
Ion Ratio Lower Upper
56 100
69 137.2 22.2 33.4#
84 111.4 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 54.677 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VN085480.D

Acq: 17 Jan 2025 09:52

Instrument :

MSVOA_N

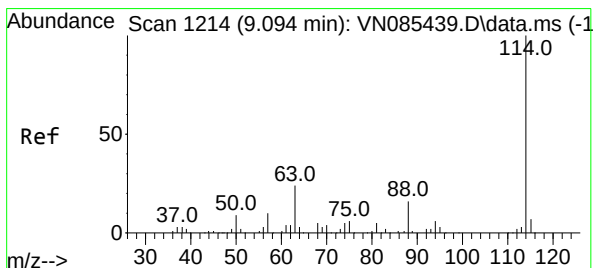
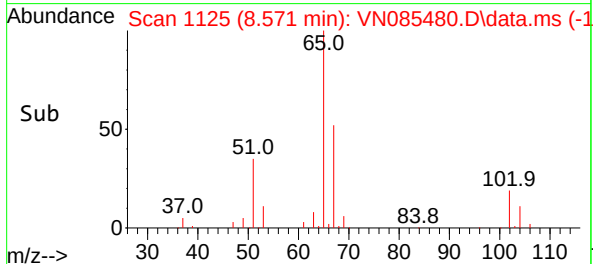
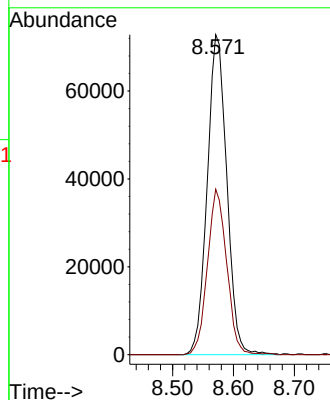
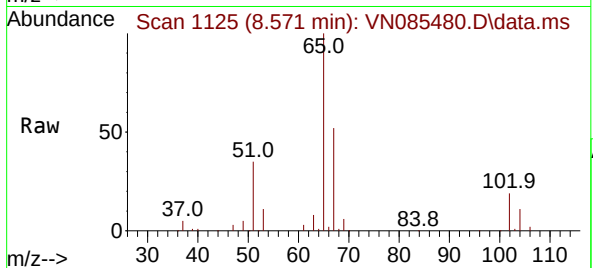
ClientSampleId :

Tgt Ion: 65 Resp: 162447

Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VN085480.D

Acq: 17 Jan 2025 09:52

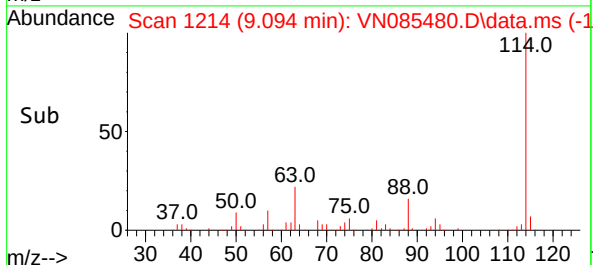
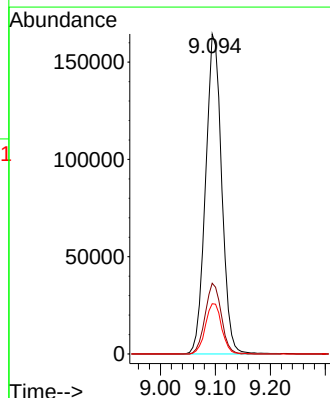
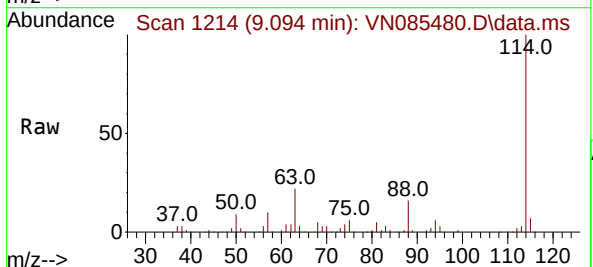
Tgt Ion: 114 Resp: 334894

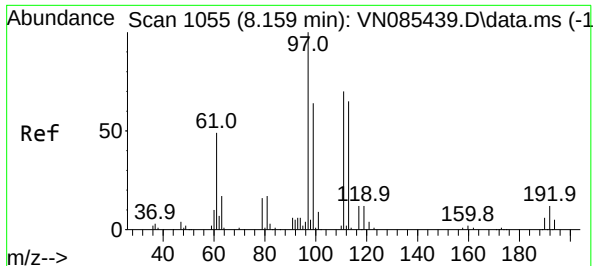
Ion Ratio Lower Upper

114 100

63 22.1 0.0 47.6

88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.644 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VN085480.D

Acq: 17 Jan 2025 09:52

Instrument :

MSVOA_N

ClientSampleId :

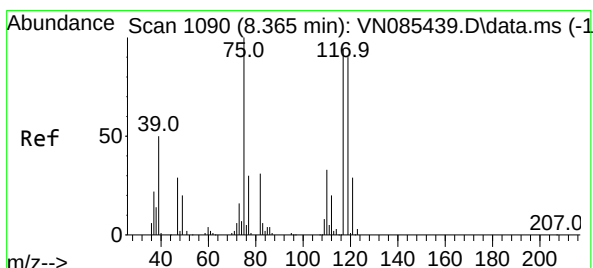
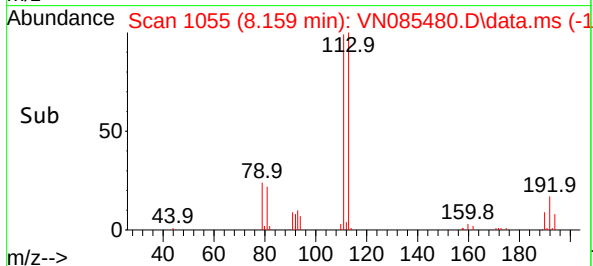
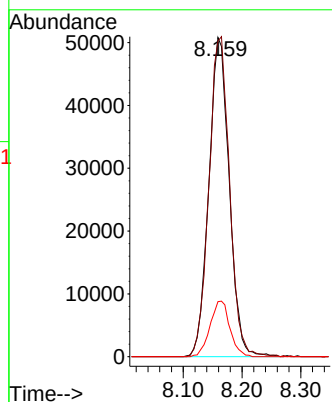
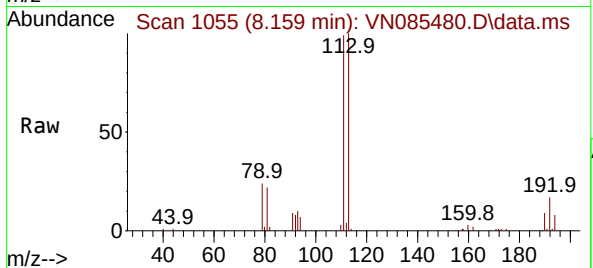
Tgt Ion:113 Resp: 122310

Ion Ratio Lower Upper

113 100

111 101.3 82.7 124.1

192 16.9 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.265 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085480.D

Acq: 17 Jan 2025 09:52

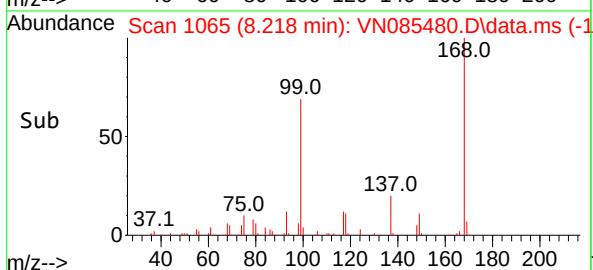
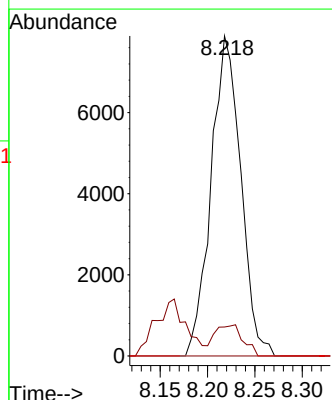
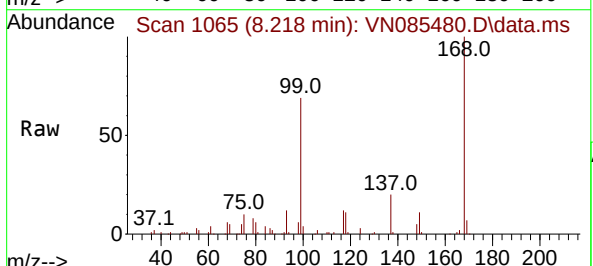
Tgt Ion: 75 Resp: 17169

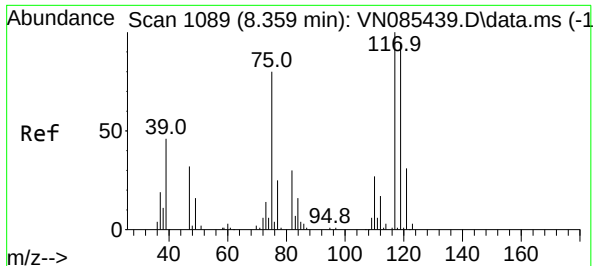
Ion Ratio Lower Upper

75 100

110 9.1 16.5 49.5#

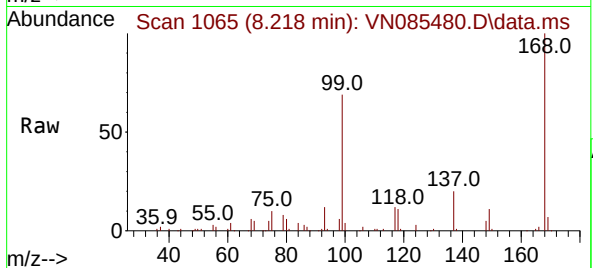
77 0.0 24.4 36.6#



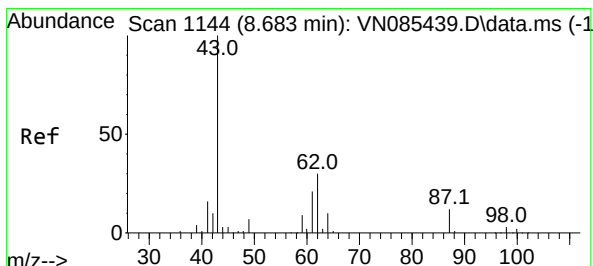
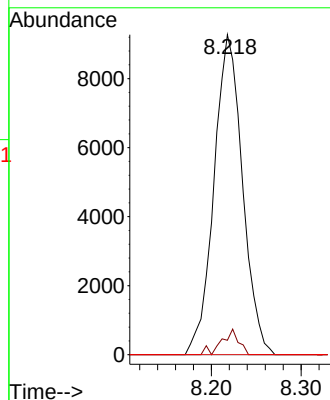
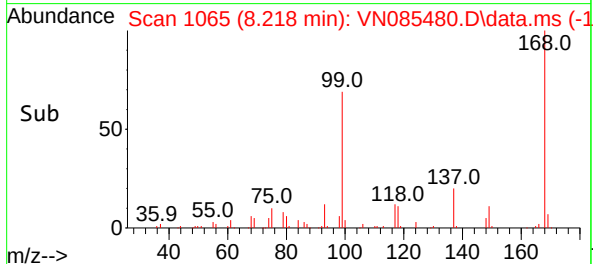


#38
Carbon Tetrachloride
Concen: 5.487 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:52

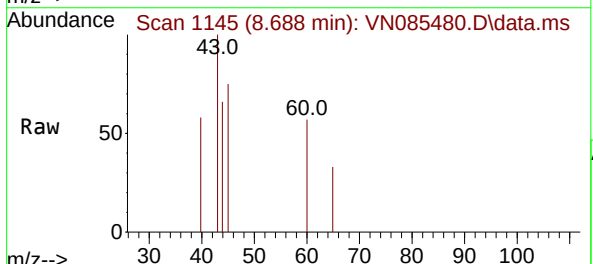
Instrument :
MSVOA_N
ClientSampleId :



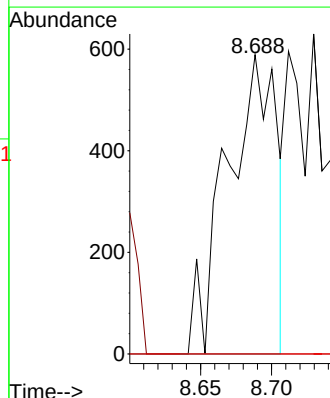
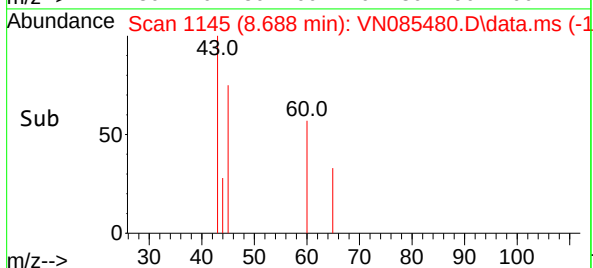
Tgt Ion:117 Resp: 20483
Ion Ratio Lower Upper
117 100
119 4.5 75.4 113.2#
121 0.0 24.6 37.0#

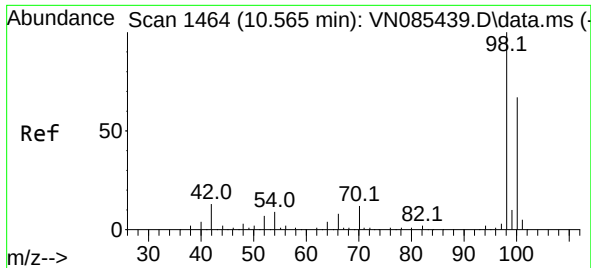


#43
Isopropyl Acetate
Concen: 0.271 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:52



Tgt Ion: 43 Resp: 1431
Ion Ratio Lower Upper
43 100
61 0.0 20.7 31.1#
87 0.0 9.8 14.8#

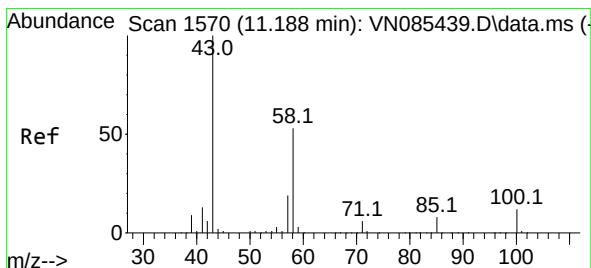
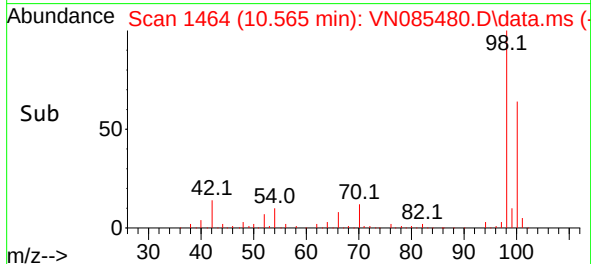
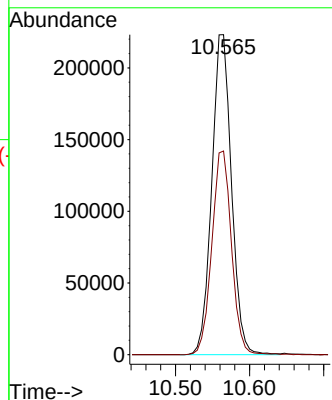
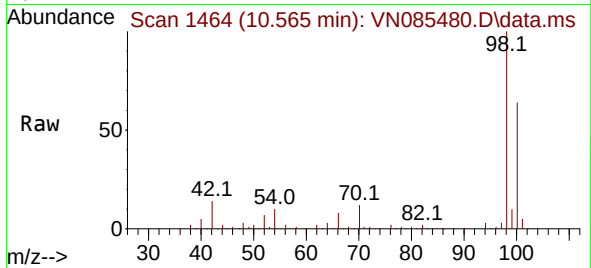




#50
Toluene-d8
Concen: 49.948 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:52

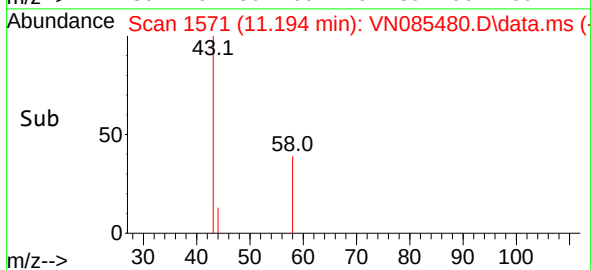
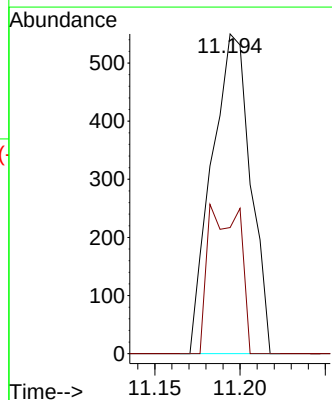
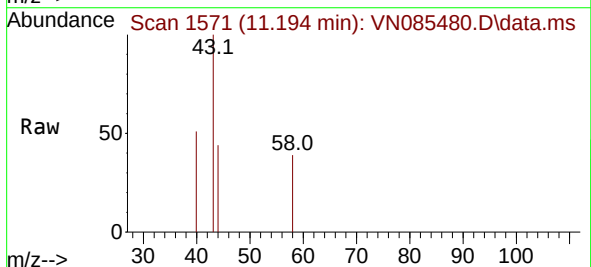
Instrument :
MSVOA_N
ClientSampleId :

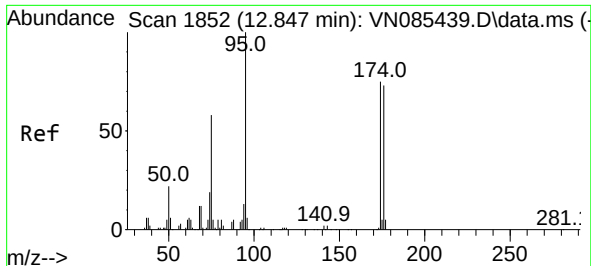
Tgt Ion: 98 Resp: 412310
Ion Ratio Lower Upper
98 100
100 63.4 52.2 78.4



#59
2-Hexanone
Concen: 0.405 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:52

Tgt Ion: 43 Resp: 872
Ion Ratio Lower Upper
43 100
58 38.0 26.2 78.6

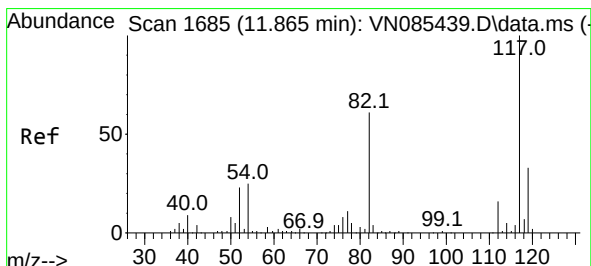
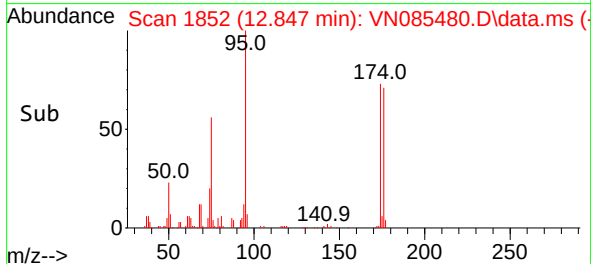
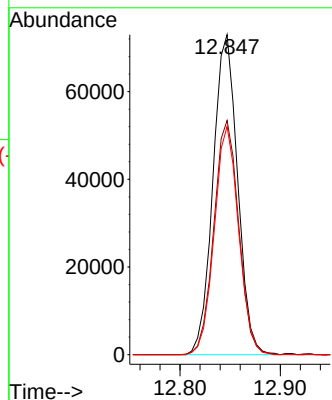
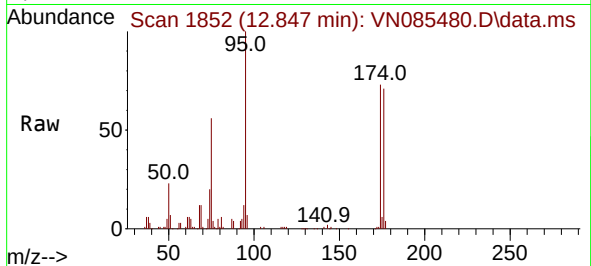




#62
4-Bromofluorobenzene
Concen: 43.985 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:52

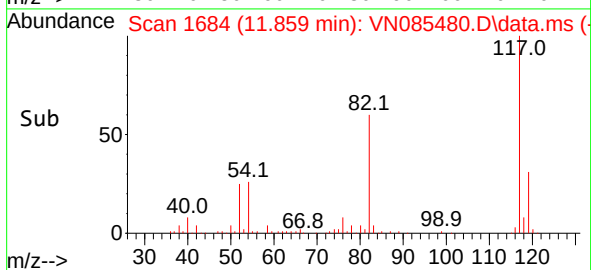
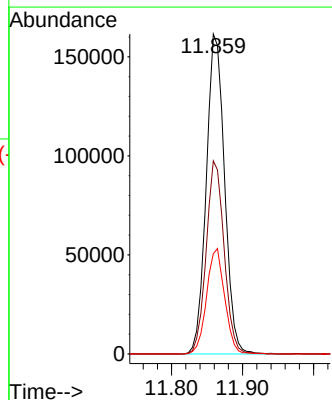
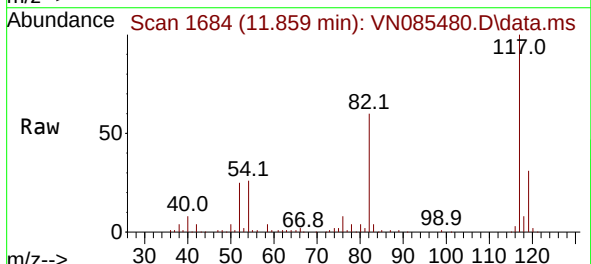
Instrument :
MSVOA_N
ClientSampleId :

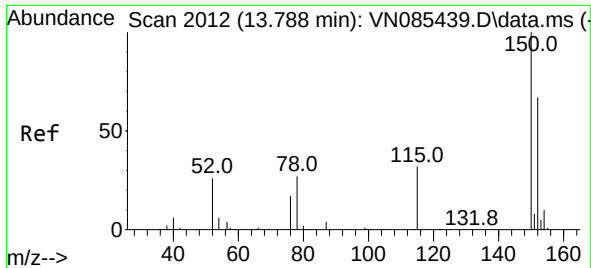
Tgt Ion: 95 Resp: 124204
Ion Ratio Lower Upper
95 100
174 73.9 0.0 145.0
176 70.5 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:52

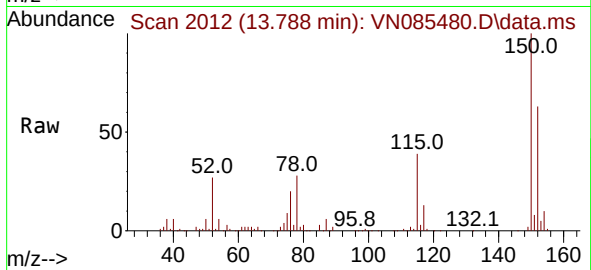
Tgt Ion: 117 Resp: 289442
Ion Ratio Lower Upper
117 100
82 60.4 48.6 72.8
119 31.3 26.6 39.8



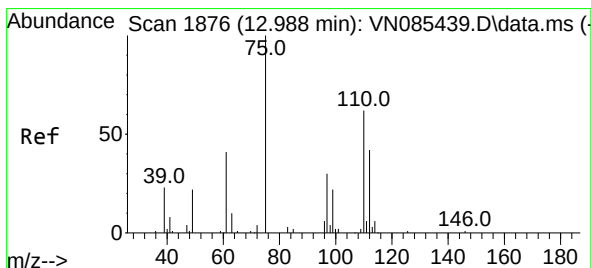
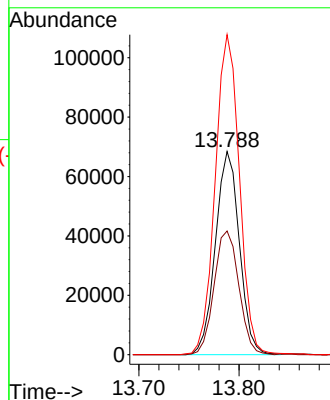
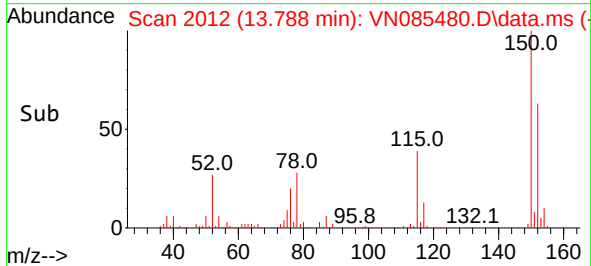


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN085480.D
 Acq: 17 Jan 2025 09:52

Instrument :
 MSVOA_N
 ClientSampleId :

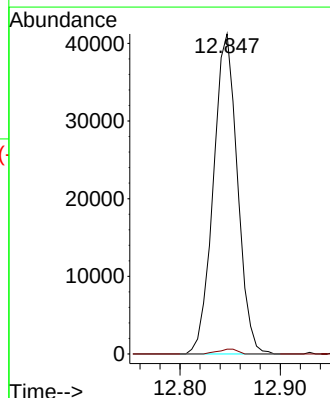
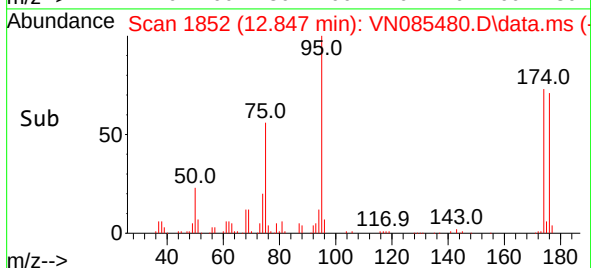
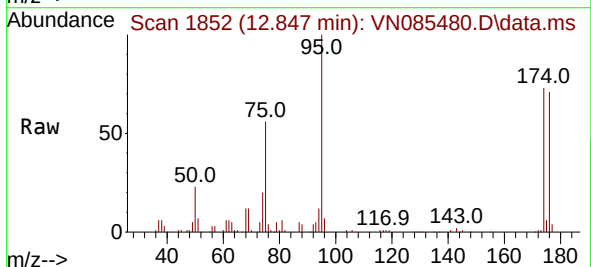


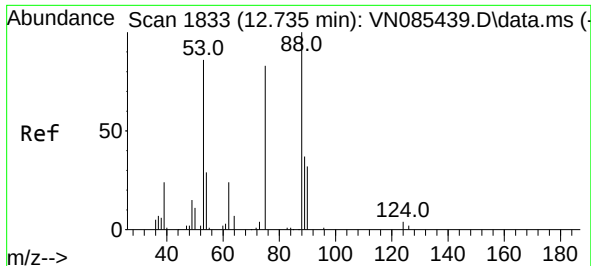
Tgt Ion:152 Resp: 113576
 Ion Ratio Lower Upper
 152 100
 115 63.0 31.1 93.3
 150 159.3 0.0 343.6



#76
 1,2,3-Trichloropropane
 Concen: 29.785 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085480.D
 Acq: 17 Jan 2025 09:52

Tgt Ion: 75 Resp: 68757
 Ion Ratio Lower Upper
 75 100
 77 1.2 109.7 329.2#

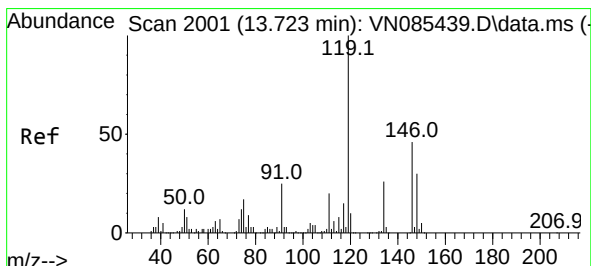
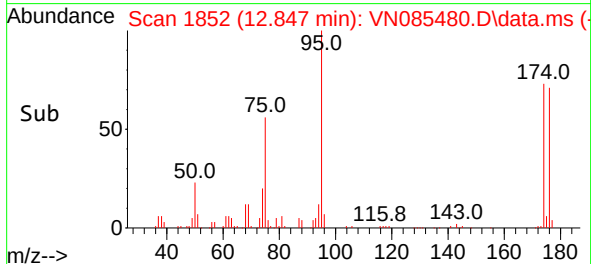
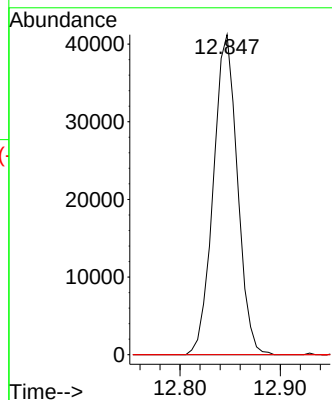
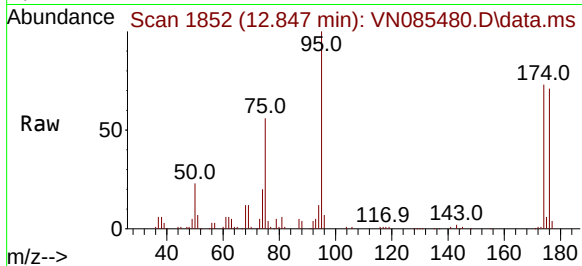




#81
trans-1,4-Dichloro-2-butene
Concen: 80.585 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:52

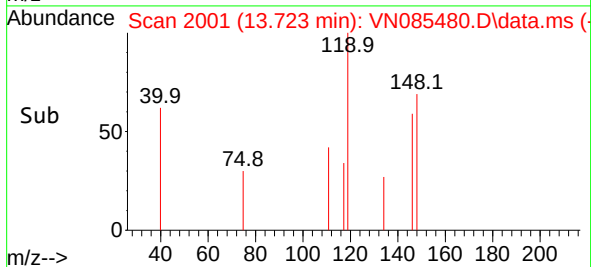
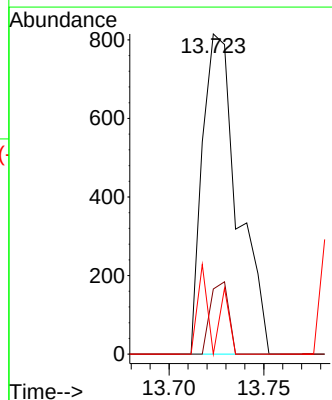
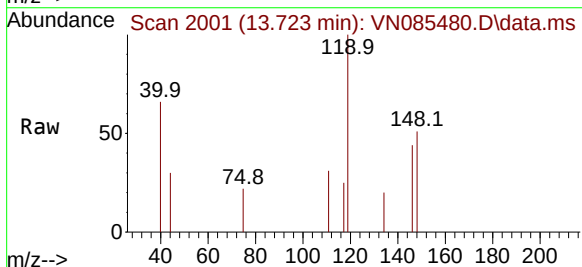
Instrument :
MSVOA_N
ClientSampleId :

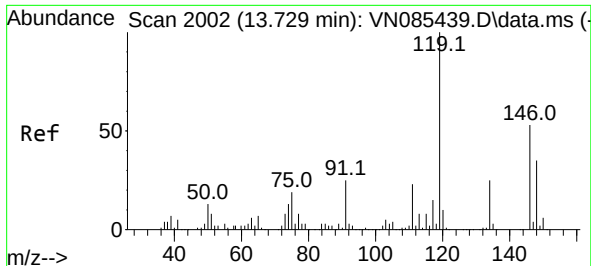
Tgt Ion: 75 Resp: 68757
Ion Ratio Lower Upper
75 100
53 0.0 95.6 143.4#
89 0.0 37.0 55.6#



#86
p-Isopropyltoluene
Concen: 0.205 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:52

Tgt Ion: 119 Resp: 1059
Ion Ratio Lower Upper
119 100
134 11.6 12.7 38.0#
91 13.2 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 0.225 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN085480.D

Acq: 17 Jan 2025 09:52

Instrument :

MSVOA_N

ClientSampleId :

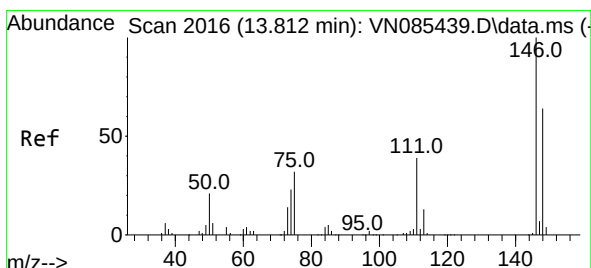
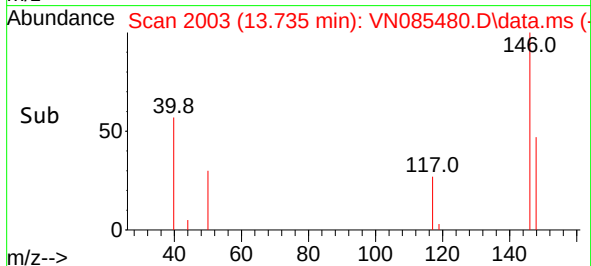
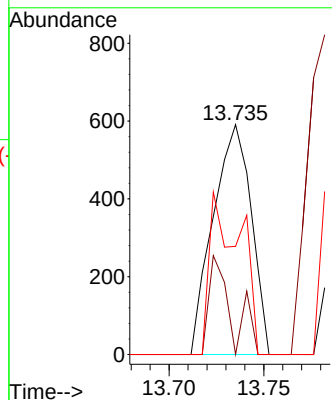
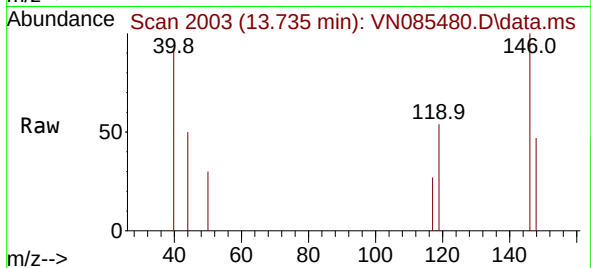
Tgt Ion:146 Resp: 829

Ion Ratio Lower Upper

146 100

111 25.6 21.4 64.3

148 56.6 32.3 96.9



#88

1,4-Dichlorobenzene

Concen: 0.217 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.077 min

Lab File: VN085480.D

Acq: 17 Jan 2025 09:52

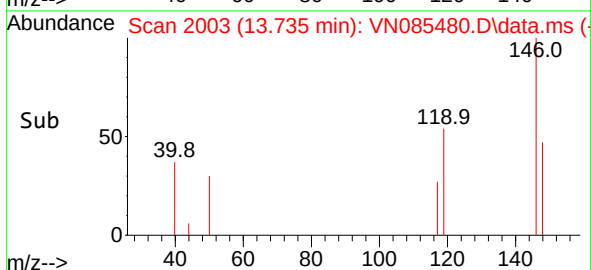
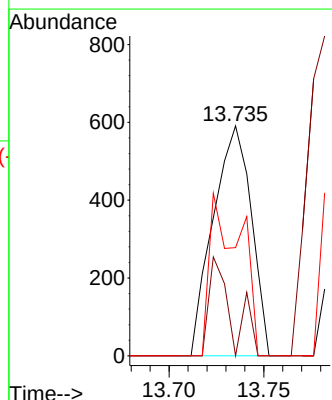
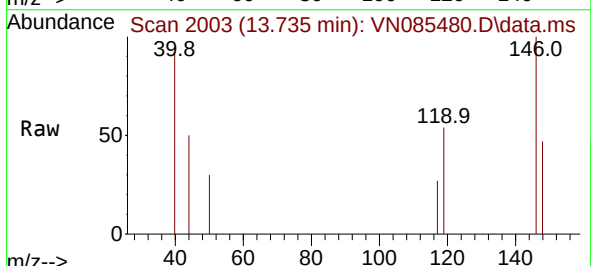
Tgt Ion:146 Resp: 829

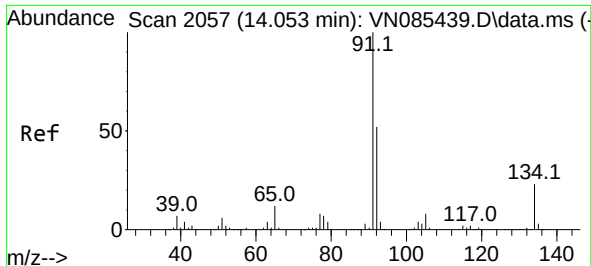
Ion Ratio Lower Upper

146 100

111 25.6 21.3 63.7

148 56.6 32.4 97.0





#89

n-Butylbenzene

Concen: 0.428 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

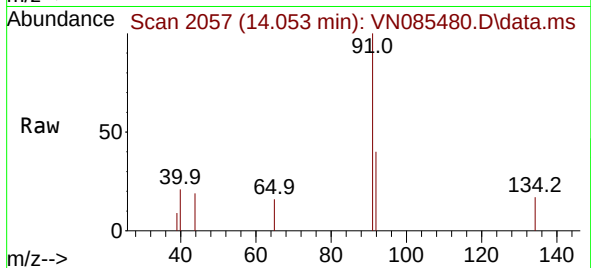
Lab File: VN085480.D

Acq: 17 Jan 2025 09:52

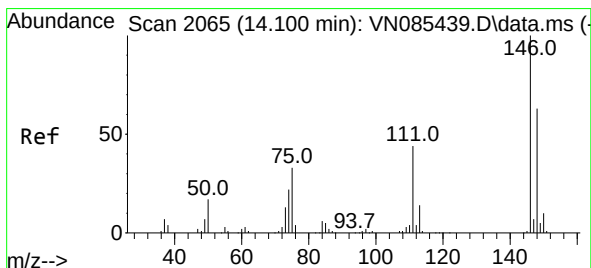
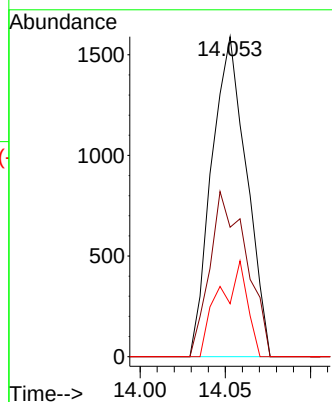
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	91	Resp:	2263
Ion	Ratio	Lower	Upper
91	100		
92	54.0	25.8	77.3
134	24.0	11.7	35.1



#91

1,2-Dichlorobenzene

Concen: 0.242 ug/l

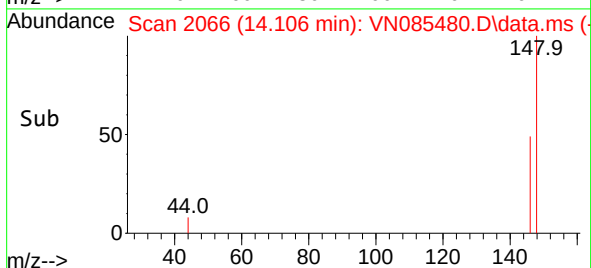
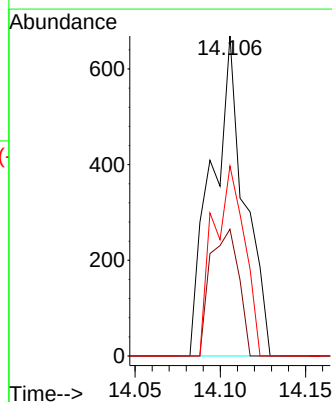
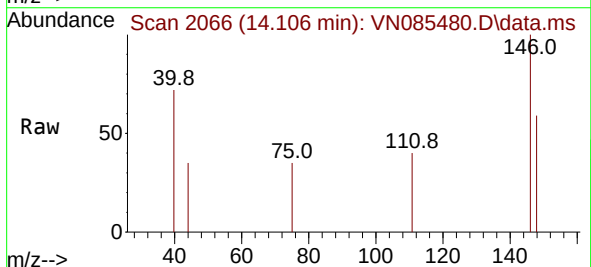
RT: 14.106 min Scan# 2066

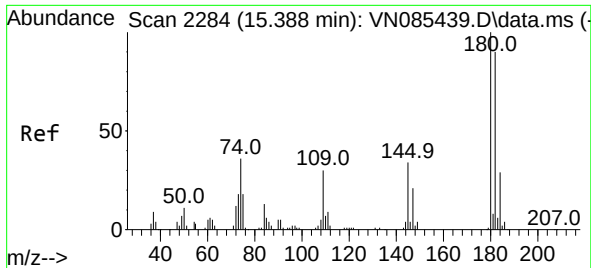
Delta R.T. 0.006 min

Lab File: VN085480.D

Acq: 17 Jan 2025 09:52

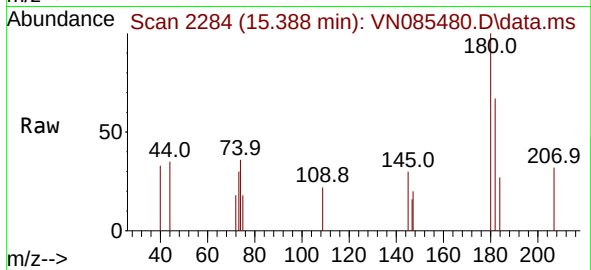
Tgt Ion:	146	Resp:	892
Ion	Ratio	Lower	Upper
146	100		
111	34.4	21.7	65.1
148	56.1	31.4	94.2





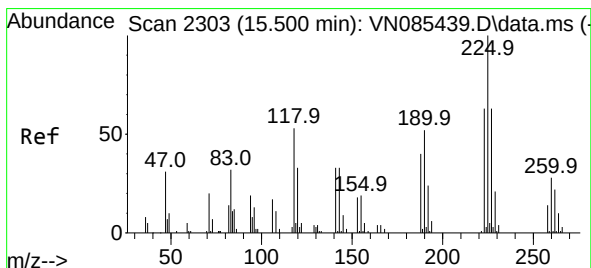
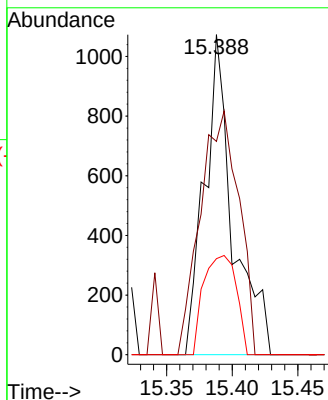
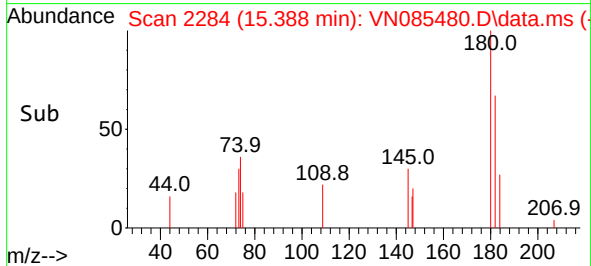
#93
 1,2,4-Trichlorobenzene
 Concen: 0.943 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN085480.D
 Acq: 17 Jan 2025 09:52

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 1613

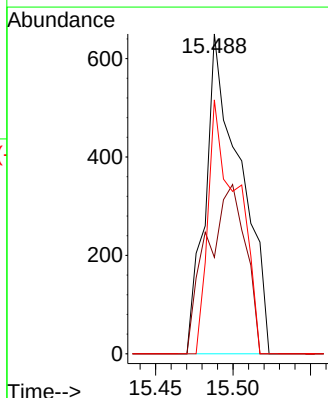
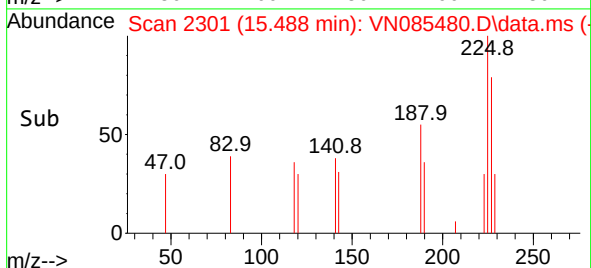
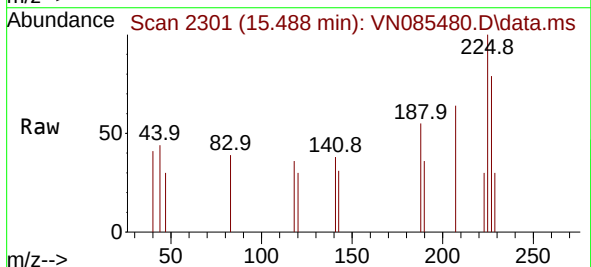
Ion	Ratio	Lower	Upper
180	100		
182	103.6	46.8	140.3
145	35.8	16.0	48.0

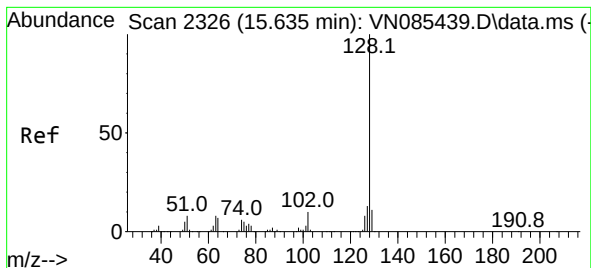


#94
 Hexachlorobutadiene
 Concen: 1.125 ug/l
 RT: 15.488 min Scan# 2301
 Delta R.T. -0.012 min
 Lab File: VN085480.D
 Acq: 17 Jan 2025 09:52

Tgt Ion:225 Resp: 1021

Ion	Ratio	Lower	Upper
225	100		
223	58.3	30.7	92.1
227	66.7	30.9	92.5





#95

Naphthalene

Concen: 1.207 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

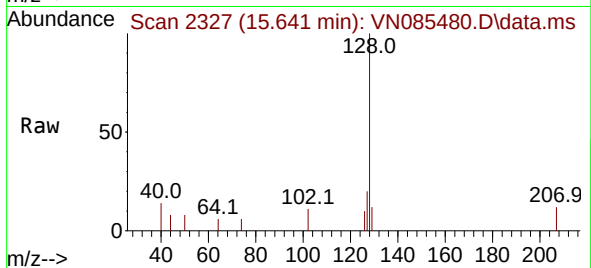
Lab File: VN085480.D

Acq: 17 Jan 2025 09:52

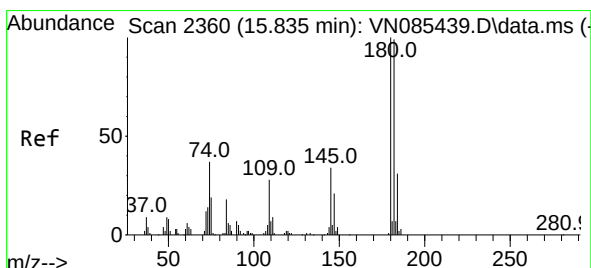
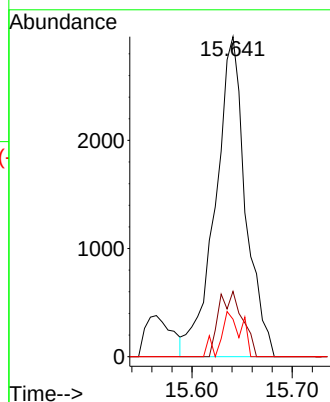
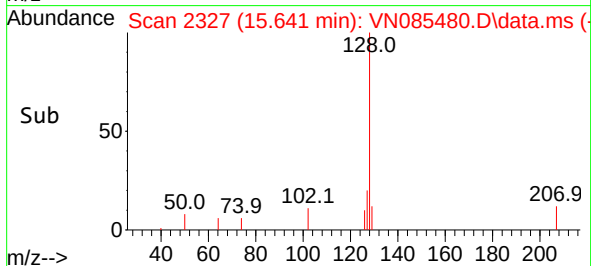
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	128	Resp:	6158
Ion Ratio	Lower	Upper	
128	100		
127	16.0	10.6	16.0#
129	9.5	8.8	13.2



#96

1,2,3-Trichlorobenzene

Concen: 1.396 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085480.D

Acq: 17 Jan 2025 09:52

Tgt Ion:	180	Resp:	2415
Ion Ratio	Lower	Upper	
180	100		
182	100.2	47.4	142.2
145	23.8	16.9	50.7

