

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011525\
 Data File : VN085460.D
 Acq On : 15 Jan 2025 14:37
 Operator : JC\MD
 Sample : Q1069-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 16 00:59:06 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)

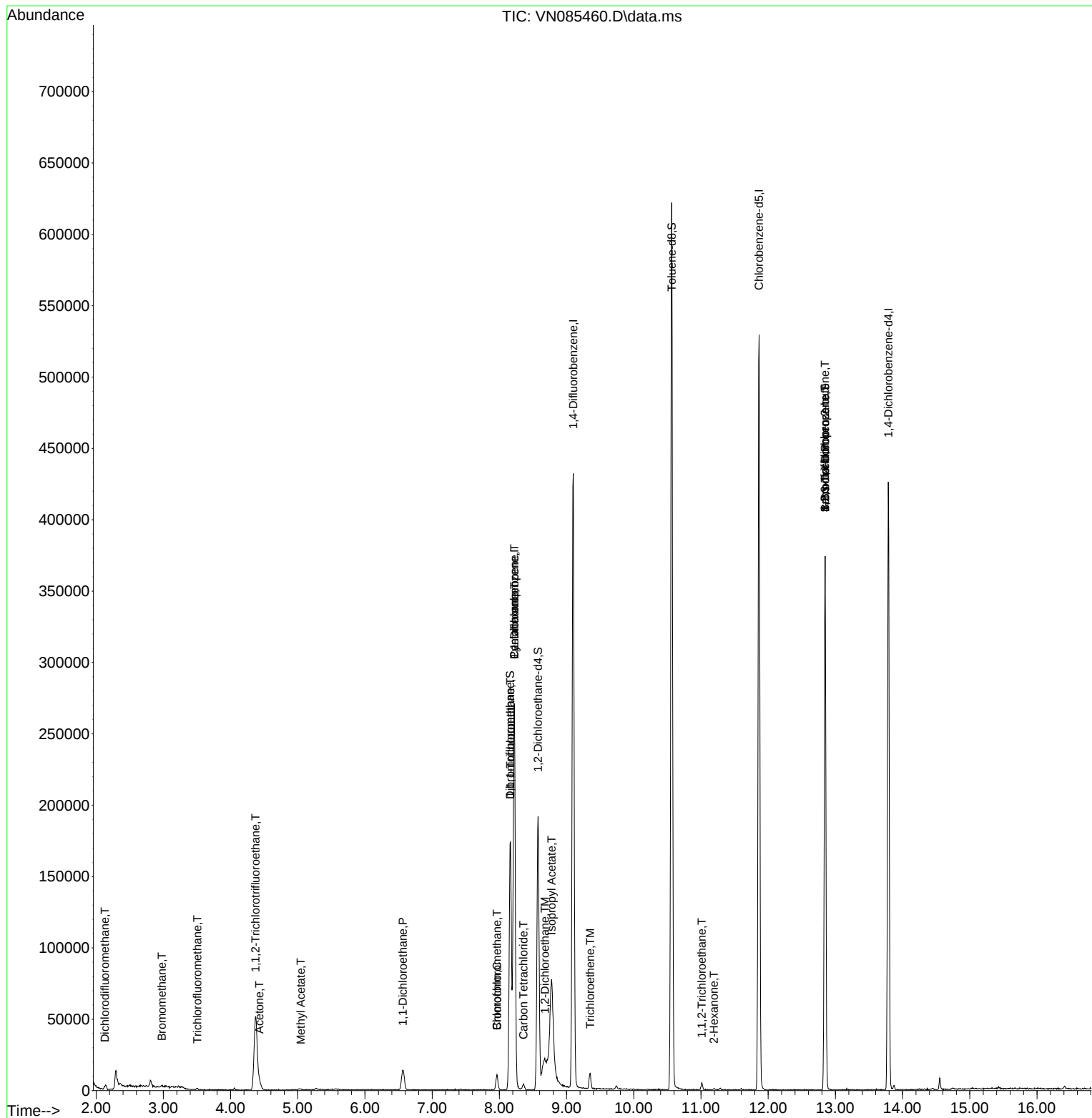
Internal Standards							
1) Pentafluorobenzene		8.224	168	181061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		9.100	114	354107	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.865	117	288035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.788	152	108344	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.577	65	162792	55.699	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.400%	
35) Dibromofluoromethane		8.159	113	122198	49.742	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.480%	
50) Toluene-d8		10.565	98	413472	47.371	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.740%	
62) 4-Bromofluorobenzene		12.847	95	122853	41.146	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	82.300%	
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane		2.130	85	1949	0.795	ug/l #	66
5) Bromomethane		2.977	94	572	0.355	ug/l	82
7) Trichlorofluoromethane		3.506	101	1179	0.305	ug/l #	70
9) 1,1,2-Trichlorotrifluo...		4.371	101	36336	16.665	ug/l	99
16) Acetone		4.430	43	13082	13.853	ug/l	100
18) Methyl Acetate		5.047	43	1550	0.540	ug/l #	52
24) 1,1-Dichloroethane		6.565	63	21243	4.978	ug/l	98
28) Bromochloromethane		7.965	49	621	0.313	ug/l #	18
30) Chloroform		7.965	83	9663	2.191	ug/l	99
31) Cyclohexane		8.224	56	5265	1.419	ug/l #	8
32) 1,1,1-Trichloroethane		8.165	97	3600	0.931	ug/l #	51
36) 1,1-Dichloropropene		8.224	75	18064	5.239	ug/l #	49
38) Carbon Tetrachloride		8.359	117	2942	0.745	ug/l	86
42) 1,2-Dichloroethane		8.677	62	4024	1.031	ug/l	86
43) Isopropyl Acetate		8.777	43	146591	26.288	ug/l #	57
44) Trichloroethene		9.353	130	3555	1.474	ug/l	86
55) 1,1,2-Trichloroethane		11.012	97	1586	0.668	ug/l	92
59) 2-Hexanone		11.194	43	753	0.331	ug/l #	26
71) Bromoform		12.847	173	1071	0.646	ug/l #	1
76) 1,2,3-Trichloropropane		12.847	75	68999	31.333	ug/l #	1
81) trans-1,4-Dichloro-2-b...		12.847	75	68999	84.774	ug/l #	3

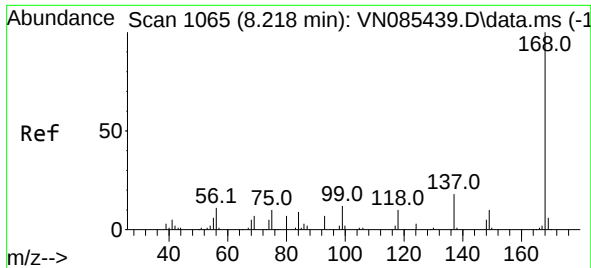
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011525\
Data File : VN085460.D
Acq On : 15 Jan 2025 14:37
Operator : JC\MD
Sample : Q1069-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 16 00:59:06 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

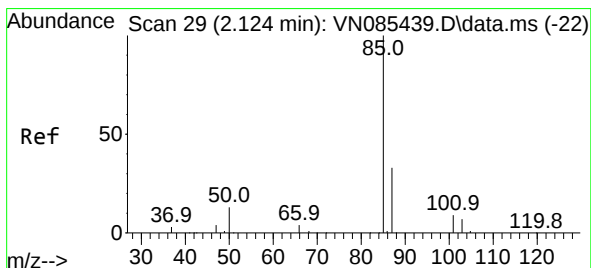
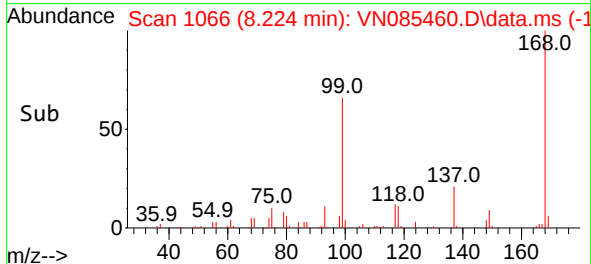
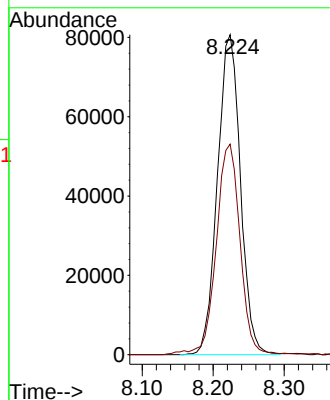
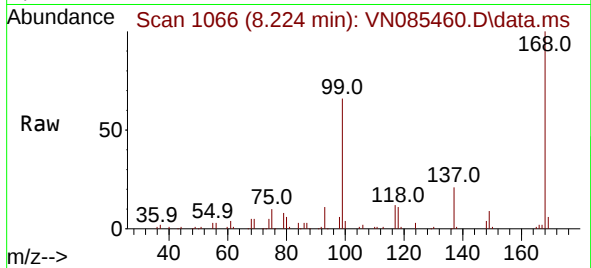




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085460.D
Acq: 15 Jan 2025 14:37

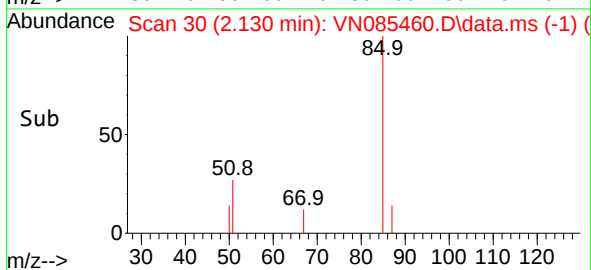
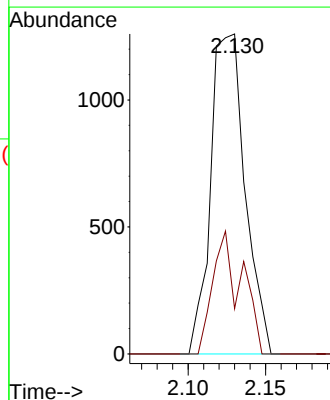
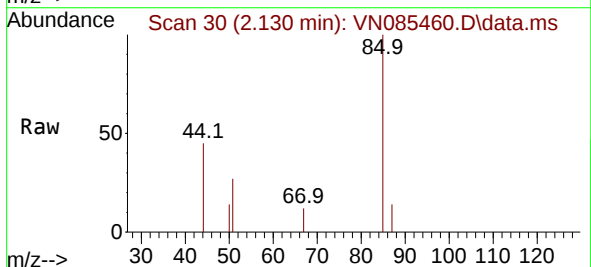
Instrument :
MSVOA_N
ClientSampleId :

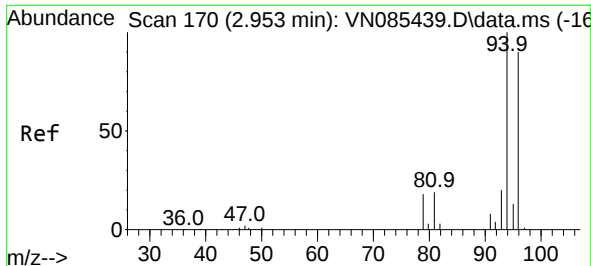
Tgt Ion:168 Resp: 181061
Ion Ratio Lower Upper
168 100
99 65.4 53.6 80.4



#2
Dichlorodifluoromethane
Concen: 0.795 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN085460.D
Acq: 15 Jan 2025 14:37

Tgt Ion: 85 Resp: 1949
Ion Ratio Lower Upper
85 100
87 14.1 16.7 50.1#

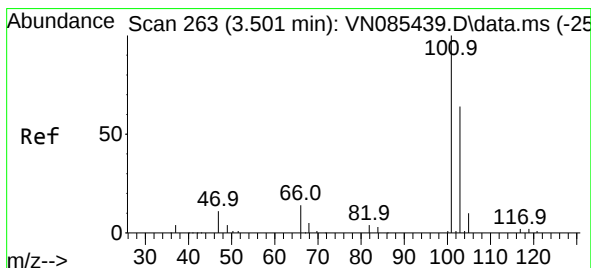
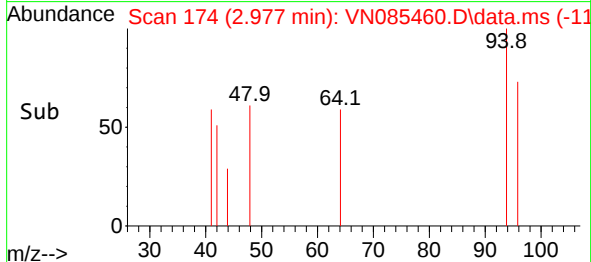
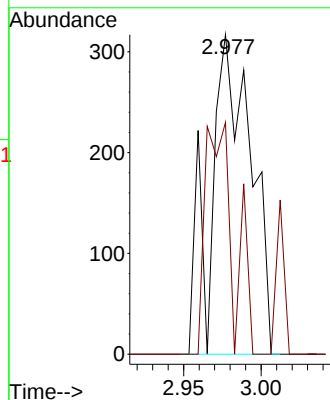
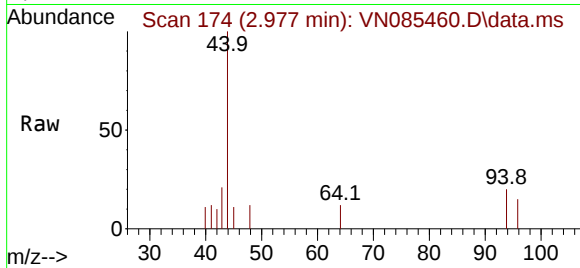




#5
Bromomethane
Concen: 0.355 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN085460.D
Acq: 15 Jan 2025 14:37

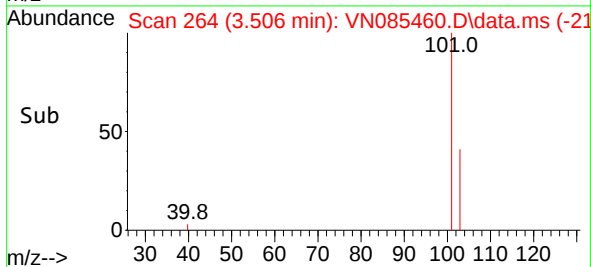
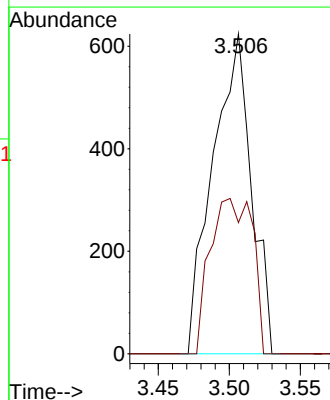
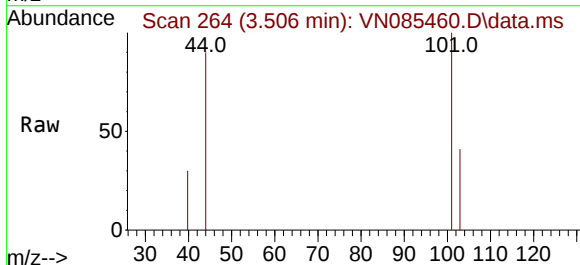
Instrument :
MSVOA_N
ClientSampleId :

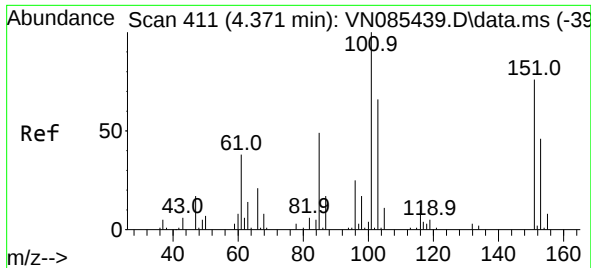
Tgt Ion: 94 Resp: 572
Ion Ratio Lower Upper
94 100
96 72.6 71.8 107.6



#7
Trichlorofluoromethane
Concen: 0.305 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.006 min
Lab File: VN085460.D
Acq: 15 Jan 2025 14:37

Tgt Ion:101 Resp: 1179
Ion Ratio Lower Upper
101 100
103 41.0 51.4 77.2#

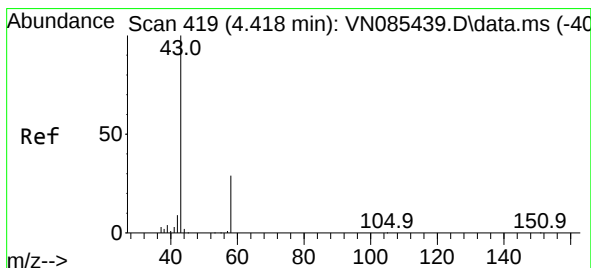
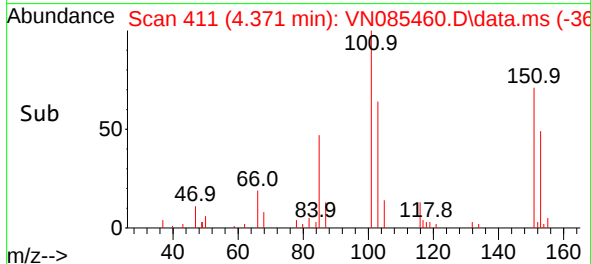
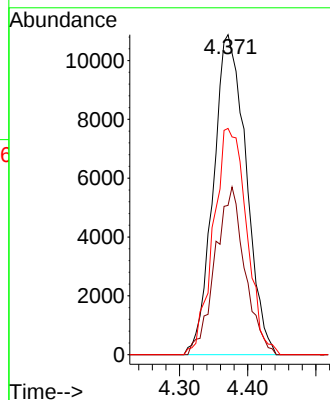
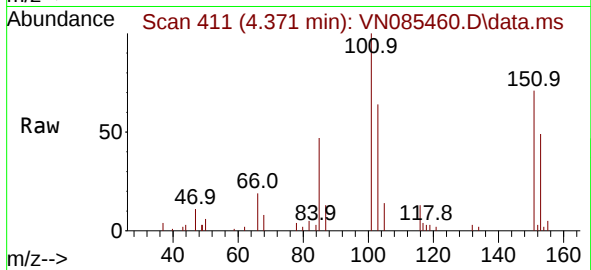




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 16.665 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VN085460.D
 Acq: 15 Jan 2025 14:37

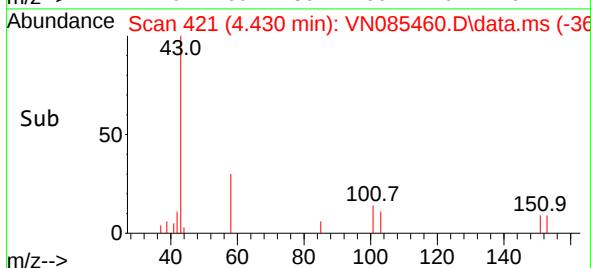
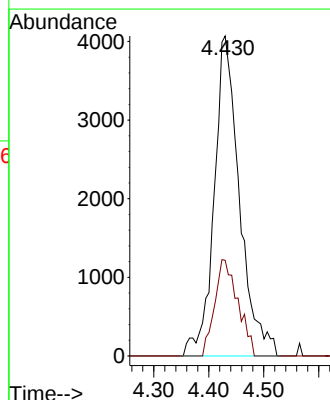
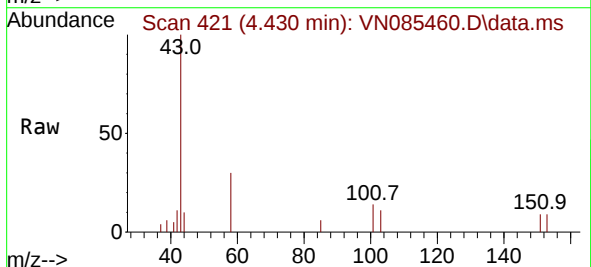
Instrument :
 MSVOA_N
 ClientSampleId :

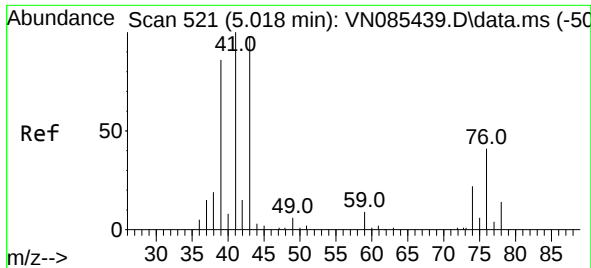
Tgt Ion:101 Resp: 36336
 Ion Ratio Lower Upper
 101 100
 85 47.8 37.8 56.8
 151 71.8 58.8 88.2



#16
 Acetone
 Concen: 13.853 ug/l
 RT: 4.430 min Scan# 421
 Delta R.T. 0.012 min
 Lab File: VN085460.D
 Acq: 15 Jan 2025 14:37

Tgt Ion: 43 Resp: 13082
 Ion Ratio Lower Upper
 43 100
 58 29.9 23.8 35.6

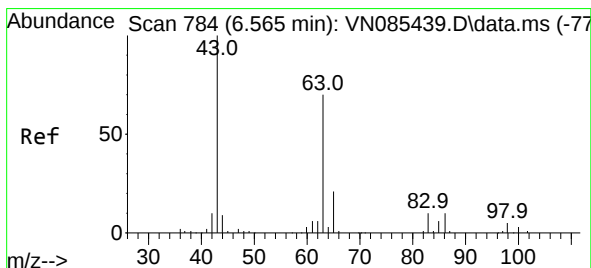
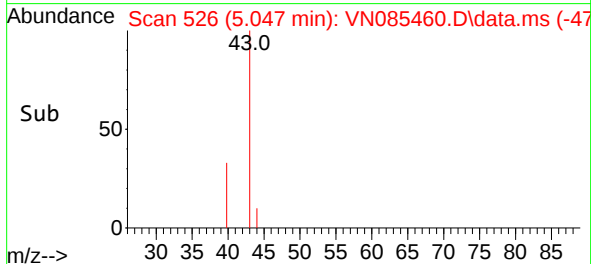
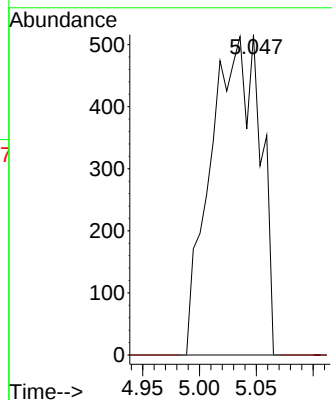
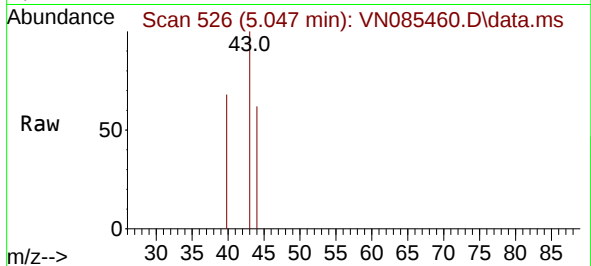




#18
Methyl Acetate
Concen: 0.540 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.029 min
Lab File: VN085460.D
Acq: 15 Jan 2025 14:37

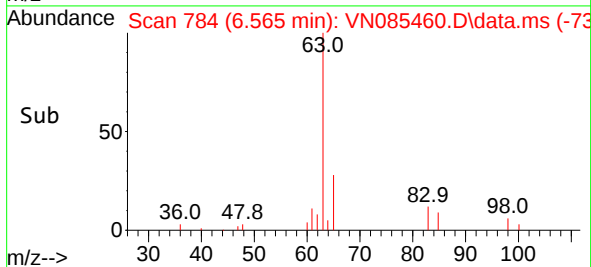
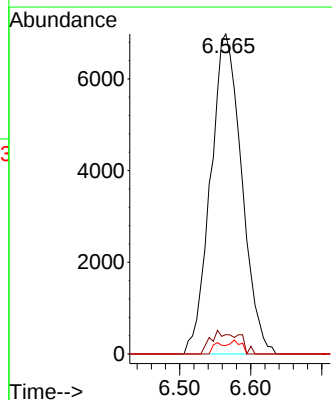
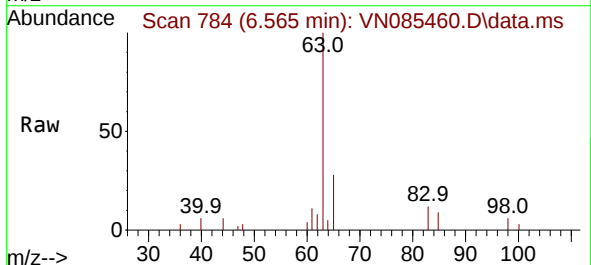
Instrument :
MSVOA_N
ClientSampleId :

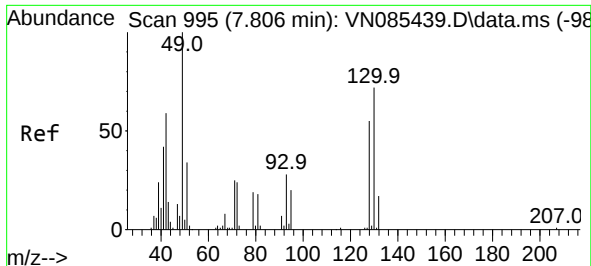
Tgt Ion: 43 Resp: 1550
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#24
1,1-Dichloroethane
Concen: 4.978 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.000 min
Lab File: VN085460.D
Acq: 15 Jan 2025 14:37

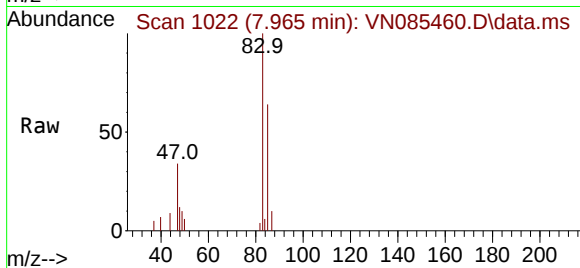
Tgt Ion: 63 Resp: 21243
Ion Ratio Lower Upper
63 100
98 6.1 3.3 9.8
100 2.6 2.0 6.0



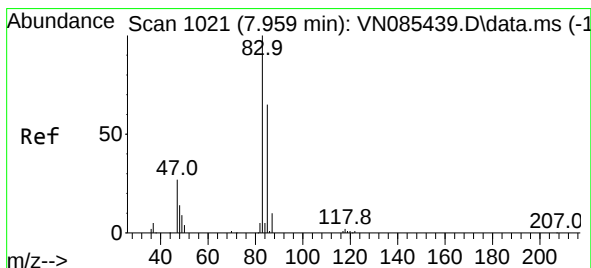
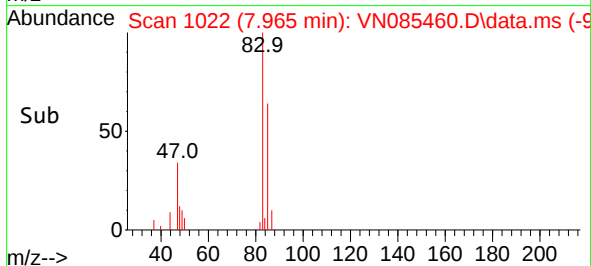
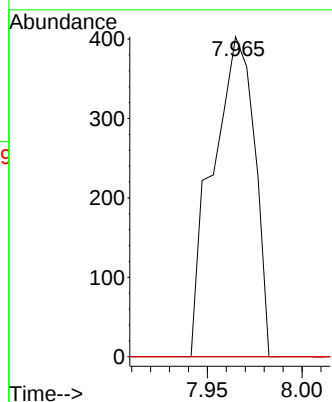


#28
Bromochloromethane
Concen: 0.313 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.159 min
Lab File: VN085460.D
Acq: 15 Jan 2025 14:37

Instrument :
MSVOA_N
ClientSampleId :

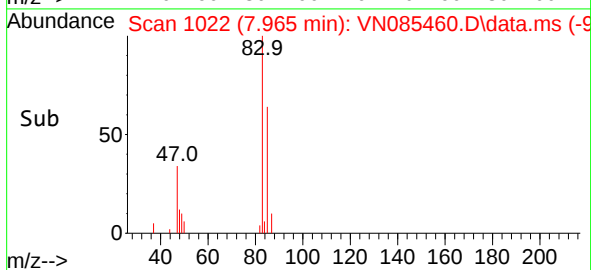
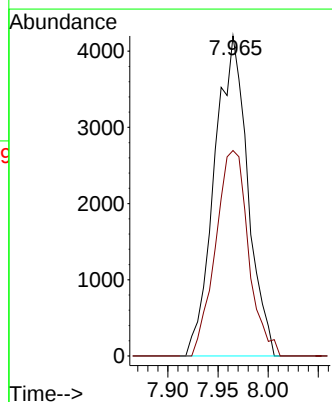
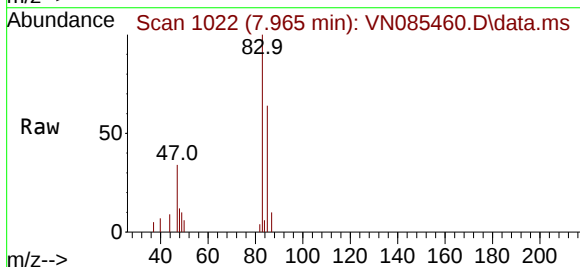


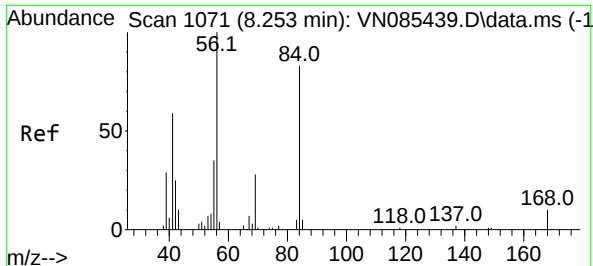
Tgt Ion: 49 Resp: 621
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 0.0 55.0 82.4#



#30
Chloroform
Concen: 2.191 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085460.D
Acq: 15 Jan 2025 14:37

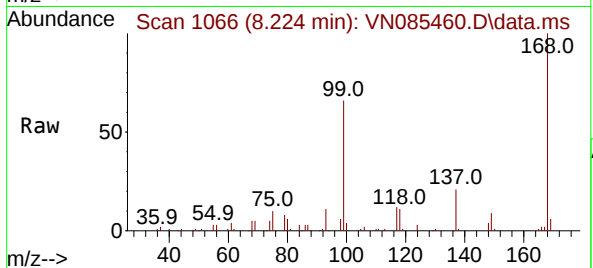
Tgt Ion: 83 Resp: 9663
Ion Ratio Lower Upper
83 100
85 64.2 51.8 77.6



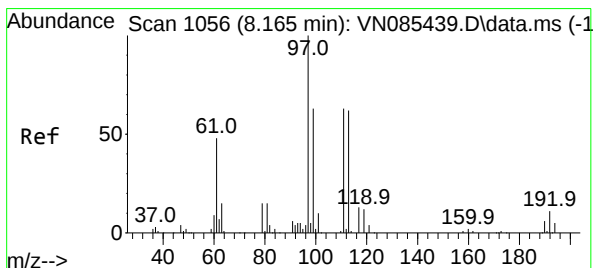
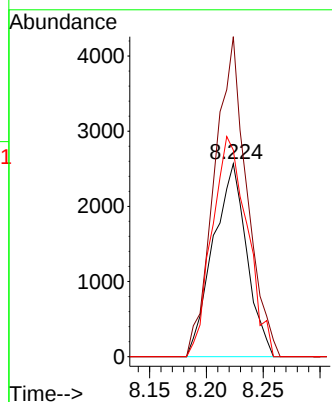
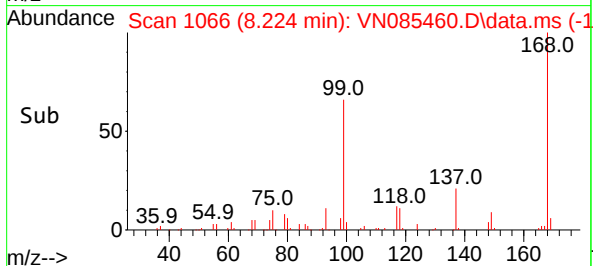


#31
Cyclohexane
Concen: 1.419 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085460.D
Acq: 15 Jan 2025 14:37

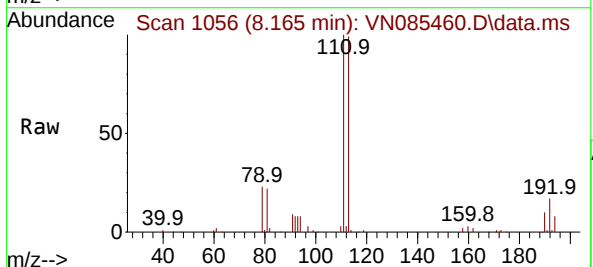
Instrument :
MSVOA_N
ClientSampleId :



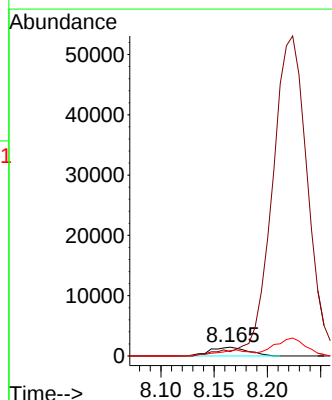
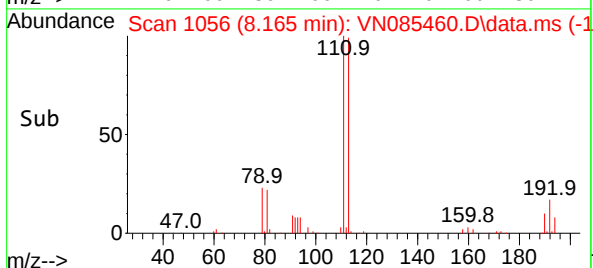
Tgt Ion: 56 Resp: 5265
Ion Ratio Lower Upper
56 100
69 165.8 22.2 33.4#
84 114.8 66.4 99.6#

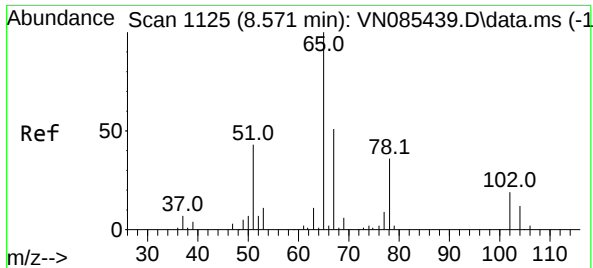


#32
1,1,1-Trichloroethane
Concen: 0.931 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085460.D
Acq: 15 Jan 2025 14:37



Tgt Ion: 97 Resp: 3600
Ion Ratio Lower Upper
97 100
99 0.0 49.8 74.6#
61 59.4 41.4 62.2





#33

1,2-Dichloroethane-d4

Concen: 55.699 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085460.D

Acq: 15 Jan 2025 14:37

Instrument :

MSVOA_N

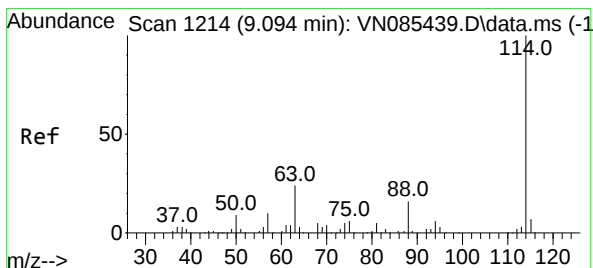
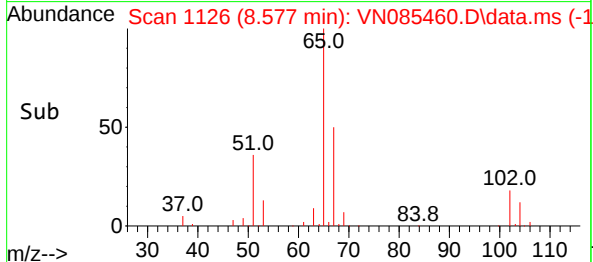
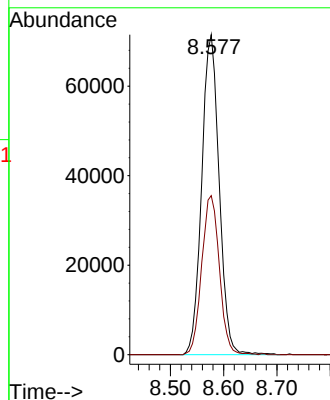
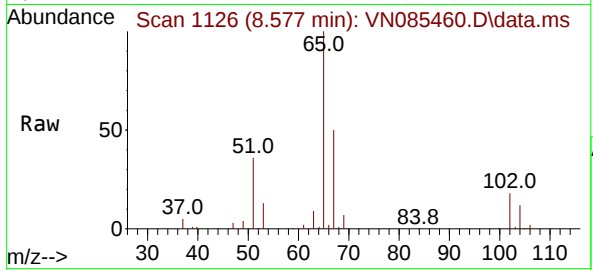
ClientSampleId :

Tgt Ion: 65 Resp: 162792

Ion Ratio Lower Upper

65 100

67 50.2 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: VN085460.D

Acq: 15 Jan 2025 14:37

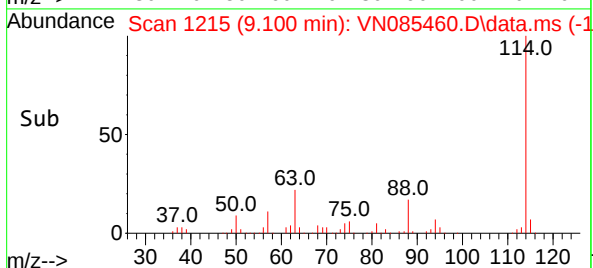
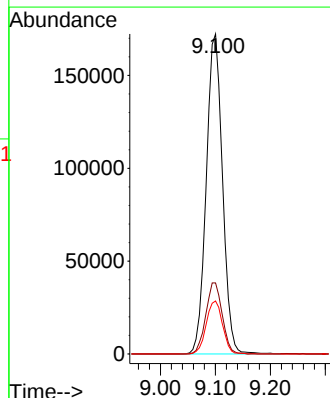
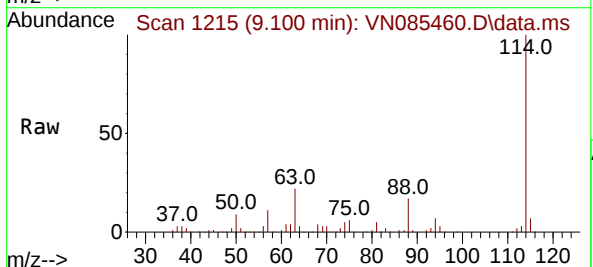
Tgt Ion: 114 Resp: 354107

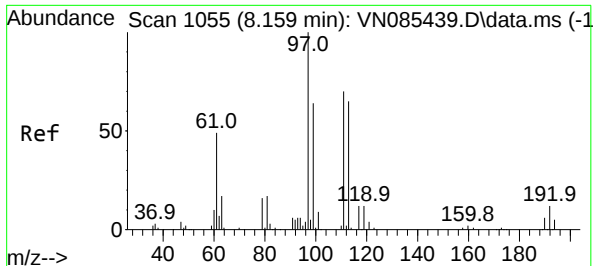
Ion Ratio Lower Upper

114 100

63 22.2 0.0 47.6

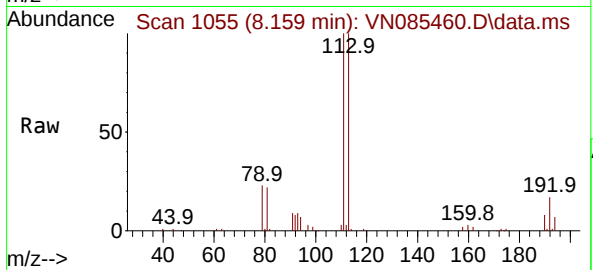
88 16.5 0.0 32.6



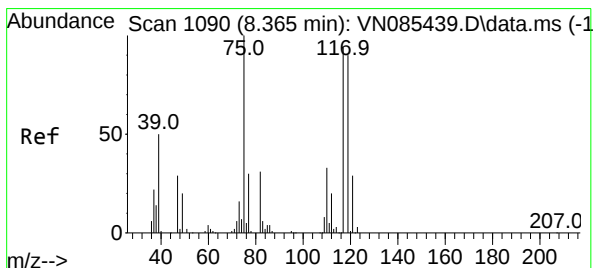
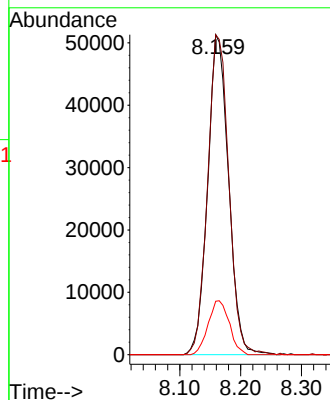
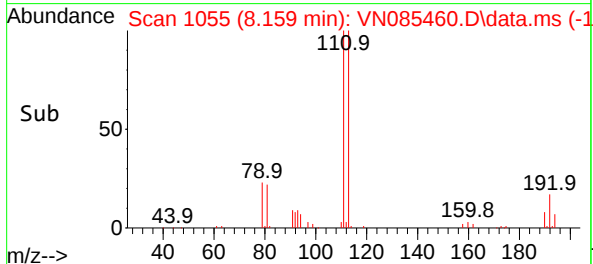


#35
Dibromofluoromethane
Concen: 49.742 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN085460.D
Acq: 15 Jan 2025 14:37

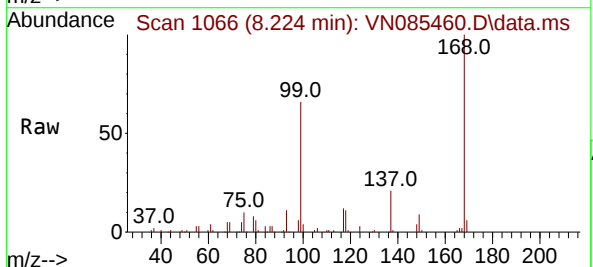
Instrument :
MSVOA_N
ClientSampleId :



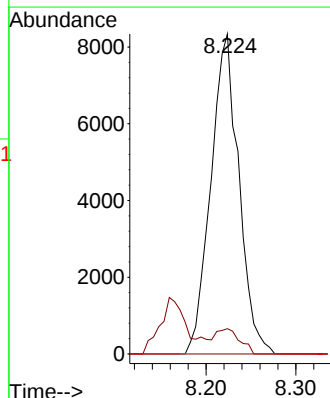
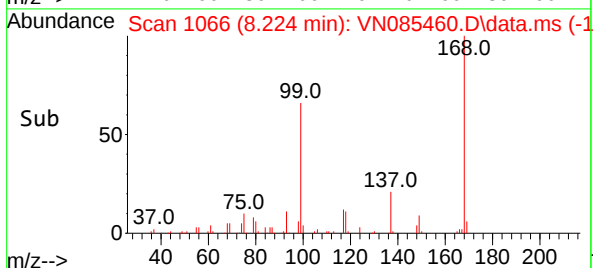
Tgt Ion:113 Resp: 122198
Ion Ratio Lower Upper
113 100
111 101.4 82.7 124.1
192 17.1 14.3 21.5

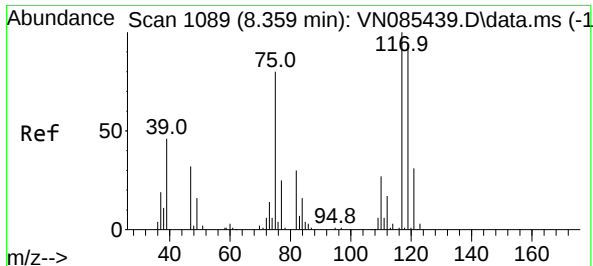


#36
1,1-Dichloropropene
Concen: 5.239 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN085460.D
Acq: 15 Jan 2025 14:37



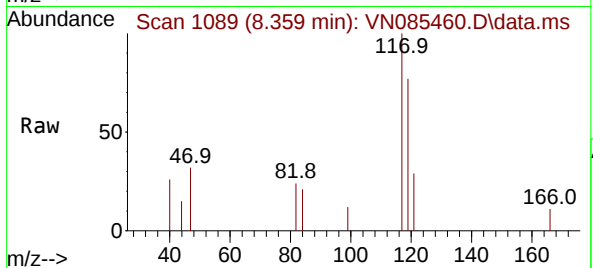
Tgt Ion: 75 Resp: 18064
Ion Ratio Lower Upper
75 100
110 6.5 16.5 49.5#
77 0.0 24.4 36.6#



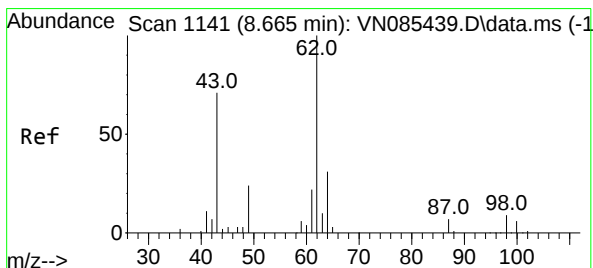
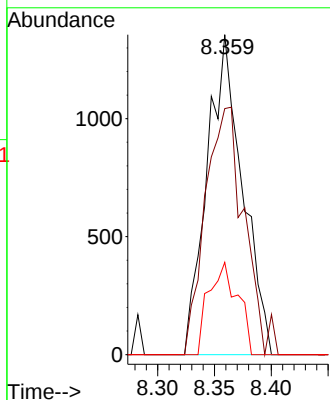
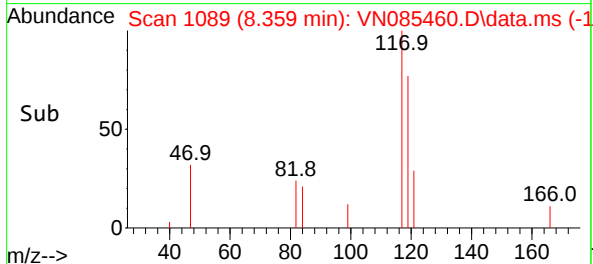


#38
Carbon Tetrachloride
Concen: 0.745 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VN085460.D
Acq: 15 Jan 2025 14:37

Instrument :
MSVOA_N
ClientSampleId :

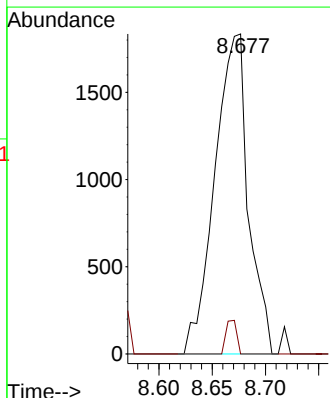
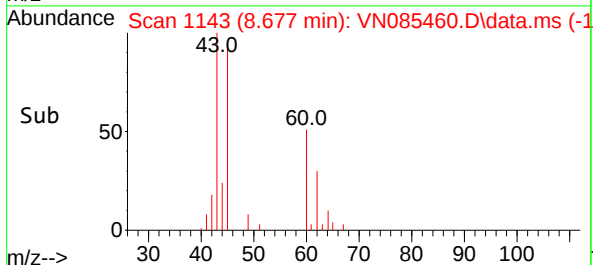
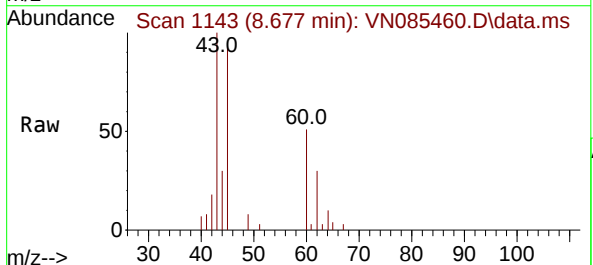


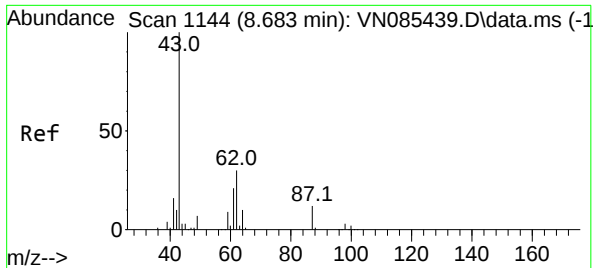
Tgt Ion:117 Resp: 2942
Ion Ratio Lower Upper
117 100
119 76.9 75.4 113.2
121 28.8 24.6 37.0



#42
1,2-Dichloroethane
Concen: 1.031 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.012 min
Lab File: VN085460.D
Acq: 15 Jan 2025 14:37

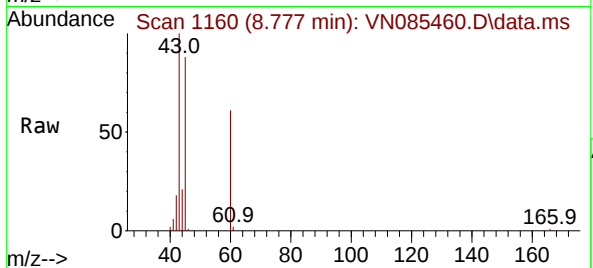
Tgt Ion: 62 Resp: 4024
Ion Ratio Lower Upper
62 100
98 3.3 0.0 17.0



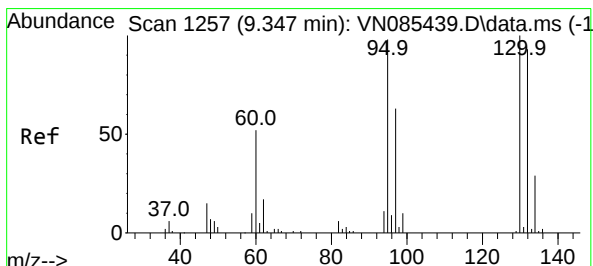
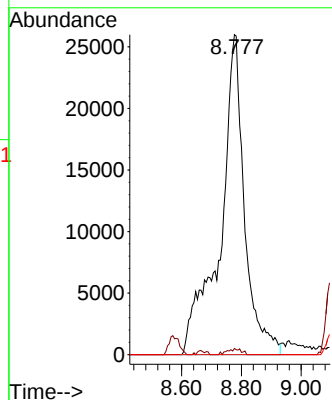
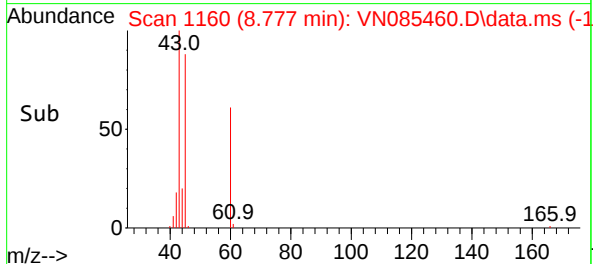


#43
Isopropyl Acetate
Concen: 26.288 ug/l
RT: 8.777 min Scan# 1160
Delta R.T. 0.094 min
Lab File: VN085460.D
Acq: 15 Jan 2025 14:37

Instrument :
MSVOA_N
ClientSampleId :

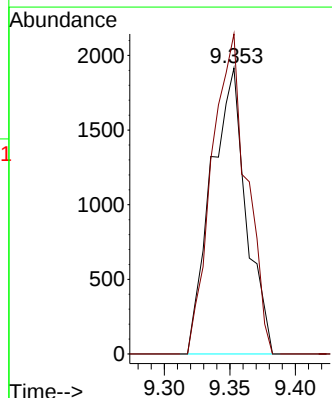
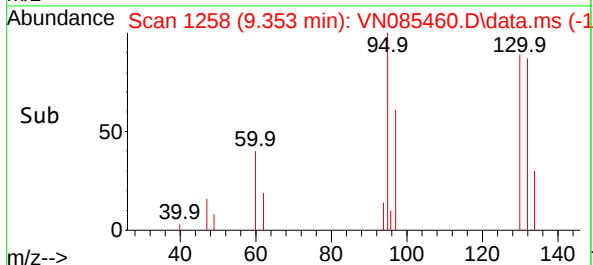
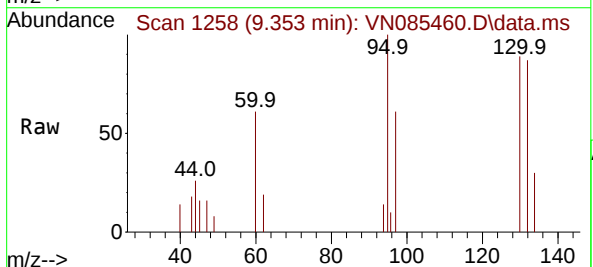


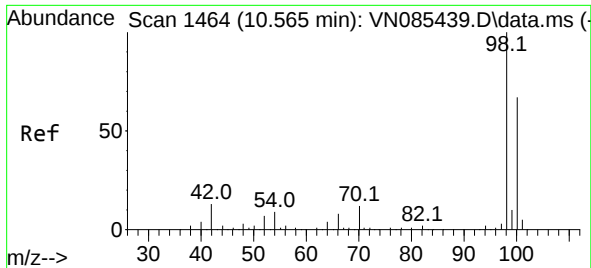
Tgt Ion: 43 Resp: 146591
Ion Ratio Lower Upper
43 100
61 1.1 20.7 31.1#
87 0.0 9.8 14.8#



#44
Trichloroethene
Concen: 1.474 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085460.D
Acq: 15 Jan 2025 14:37

Tgt Ion:130 Resp: 3555
Ion Ratio Lower Upper
130 100
95 111.9 0.0 195.8

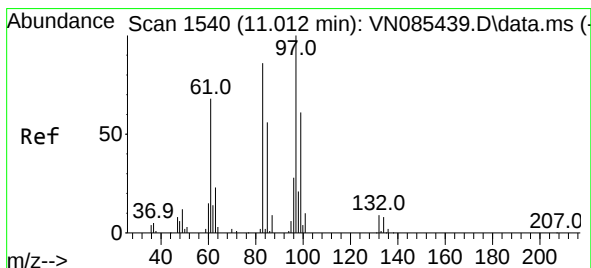
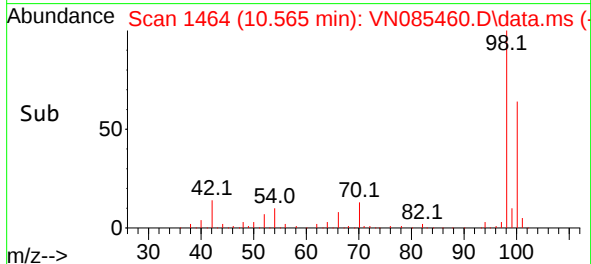
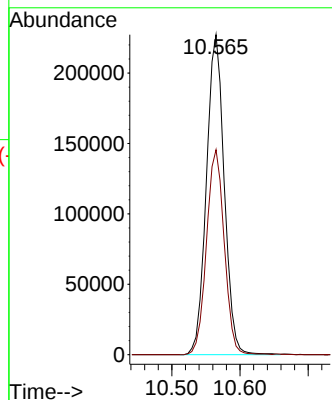
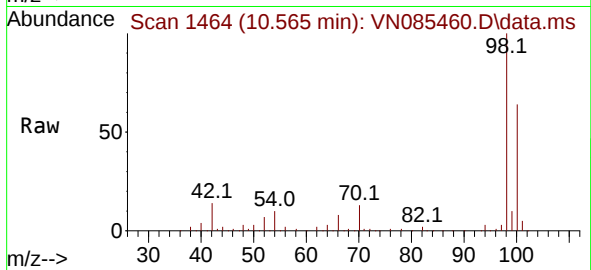




#50
Toluene-d8
Concen: 47.371 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085460.D
Acq: 15 Jan 2025 14:37

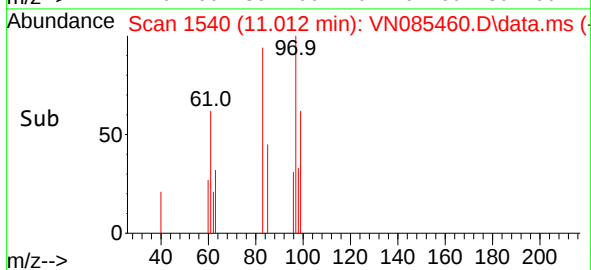
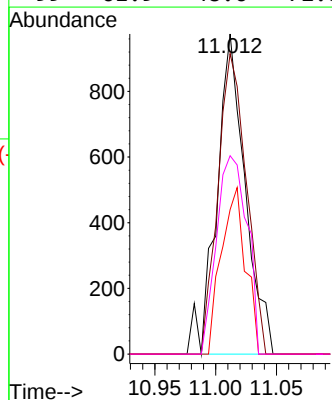
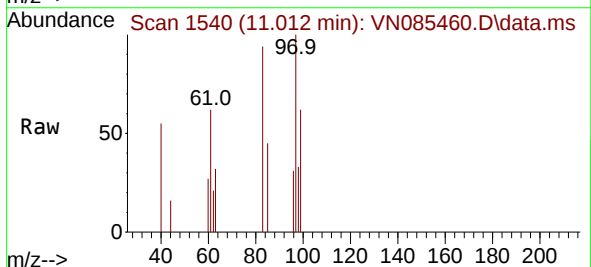
Instrument :
MSVOA_N
ClientSampleId :

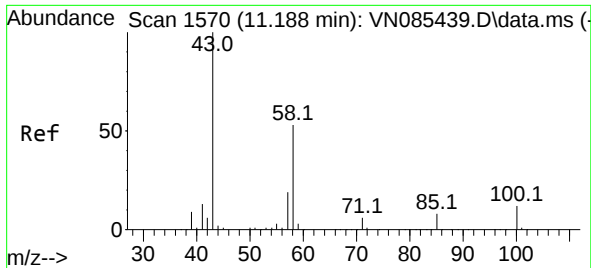
Tgt Ion: 98 Resp: 413472
Ion Ratio Lower Upper
98 100
100 63.7 52.2 78.4



#55
1,1,2-Trichloroethane
Concen: 0.668 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085460.D
Acq: 15 Jan 2025 14:37

Tgt Ion: 97 Resp: 1586
Ion Ratio Lower Upper
97 100
83 93.8 69.0 103.6
85 45.1 44.6 66.8
99 61.9 48.6 72.8

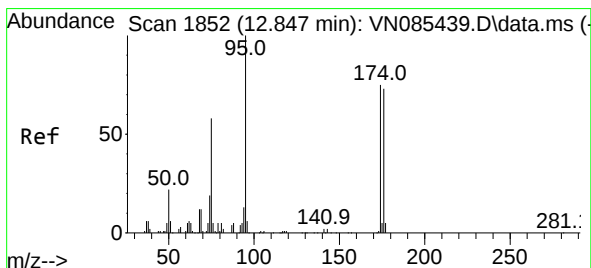
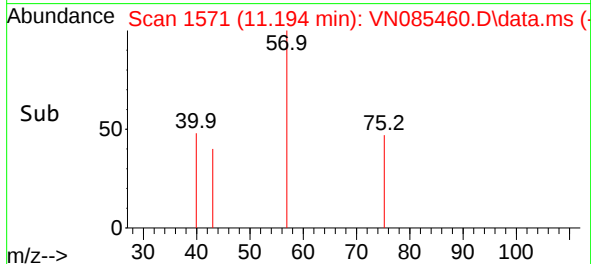
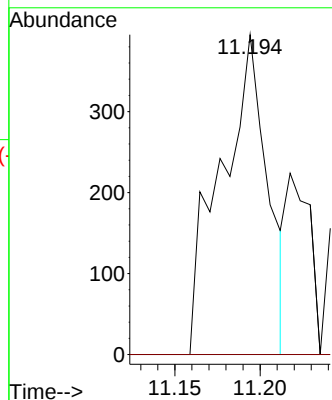
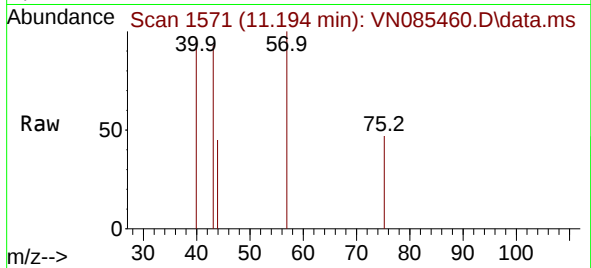




#59
2-Hexanone
Concen: 0.331 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085460.D
Acq: 15 Jan 2025 14:37

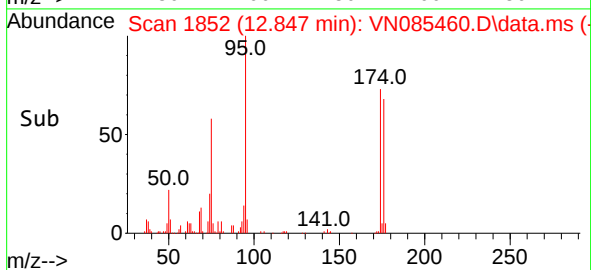
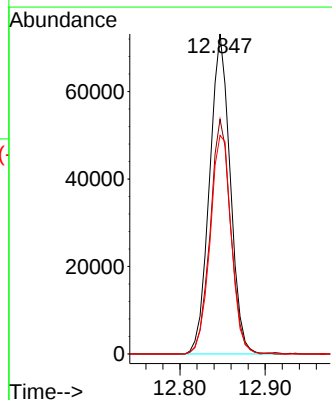
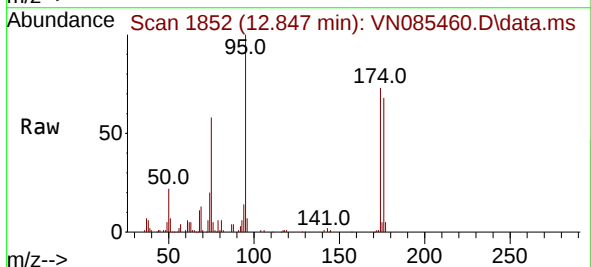
Instrument :
MSVOA_N
ClientSampleId :

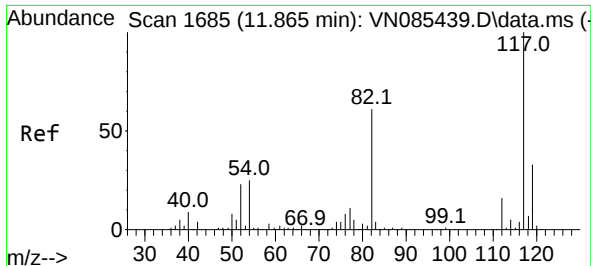
Tgt Ion: 43 Resp: 753
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.6#



#62
4-Bromofluorobenzene
Concen: 41.146 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085460.D
Acq: 15 Jan 2025 14:37

Tgt Ion: 95 Resp: 122853
Ion Ratio Lower Upper
95 100
174 73.0 0.0 145.0
176 70.2 0.0 142.4

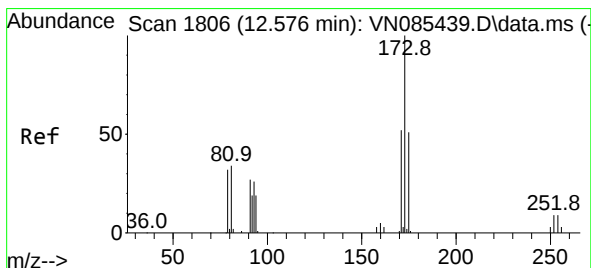
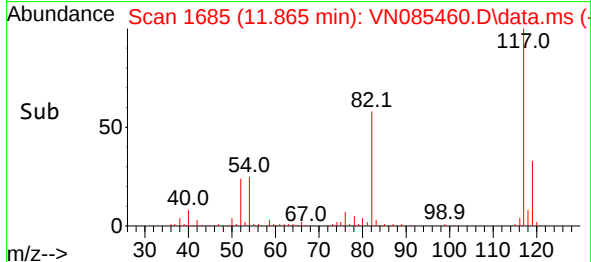
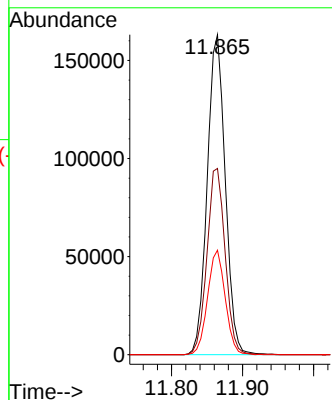
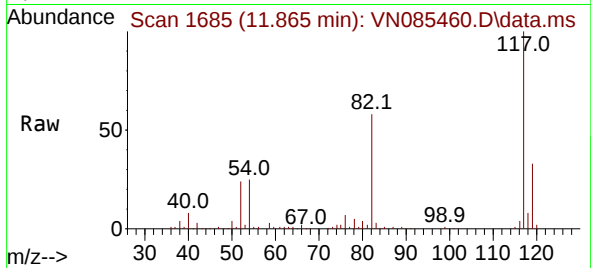




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085460.D
Acq: 15 Jan 2025 14:37

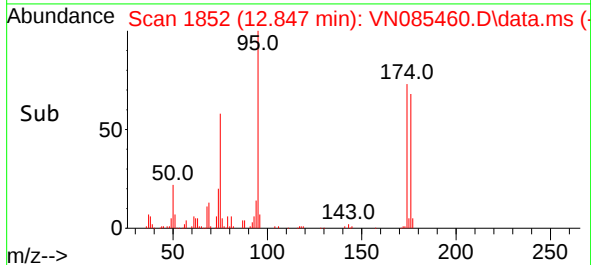
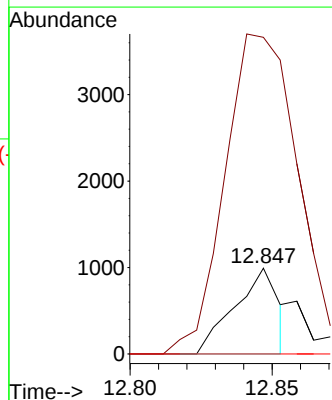
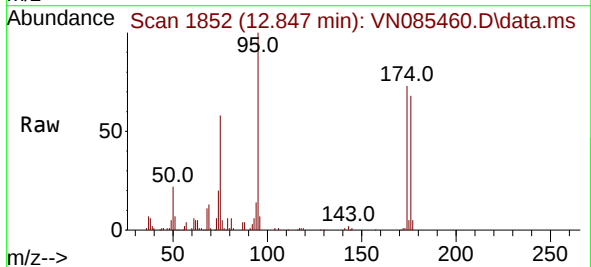
Instrument :
MSVOA_N
ClientSampleId :

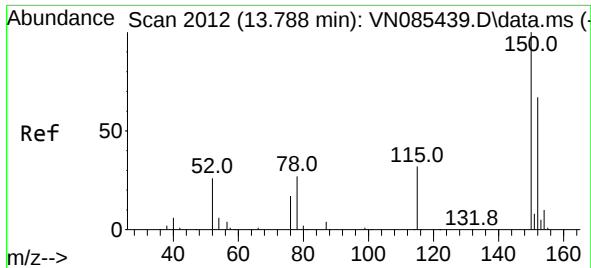
Tgt Ion:117 Resp: 288035
Ion Ratio Lower Upper
117 100
82 58.2 48.6 72.8
119 32.7 26.6 39.8



#71
Bromoform
Concen: 0.646 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN085460.D
Acq: 15 Jan 2025 14:37

Tgt Ion:173 Resp: 1071
Ion Ratio Lower Upper
173 100
175 489.6 24.4 73.2#
254 0.0 0.0 0.0

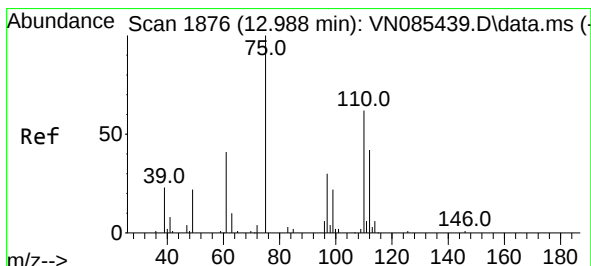
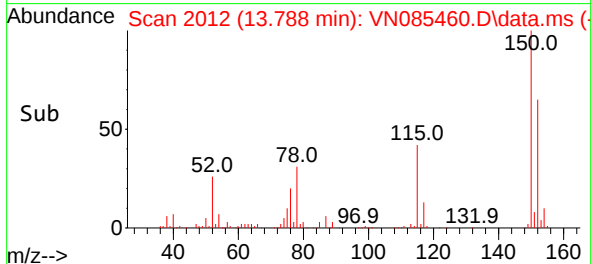
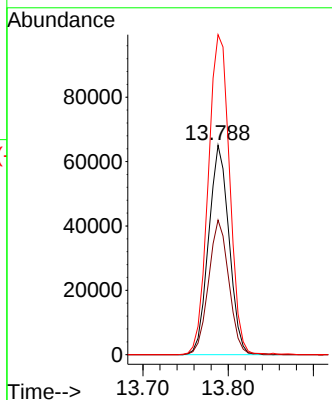
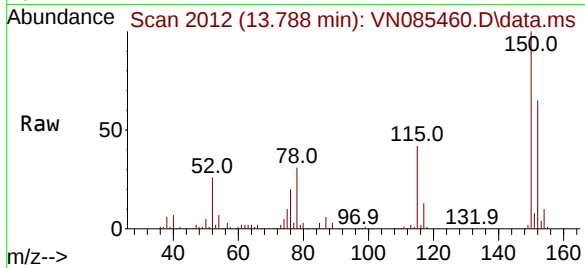




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN085460.D
 Acq: 15 Jan 2025 14:37

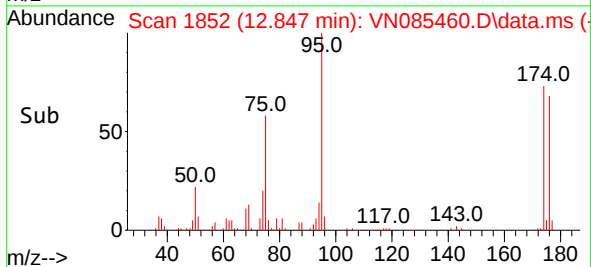
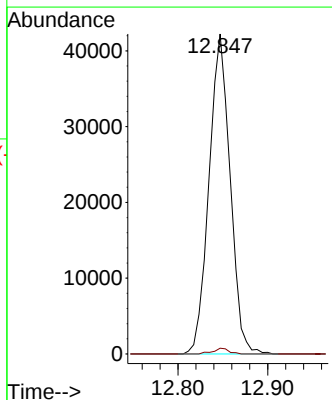
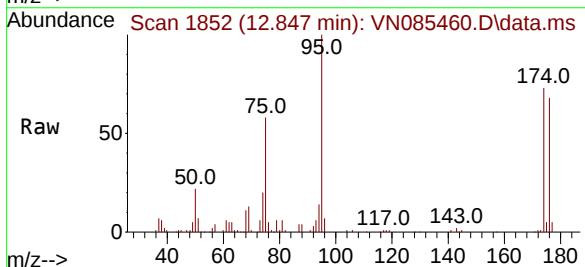
Instrument :
 MSVOA_N
 ClientSampleId :

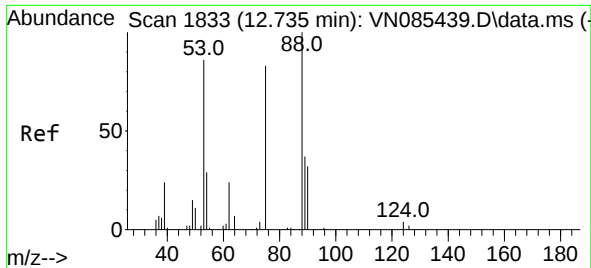
Tgt Ion:152 Resp: 108344
 Ion Ratio Lower Upper
 152 100
 115 63.7 31.1 93.3
 150 159.7 0.0 343.6



#76
 1,2,3-Trichloropropane
 Concen: 31.333 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085460.D
 Acq: 15 Jan 2025 14:37

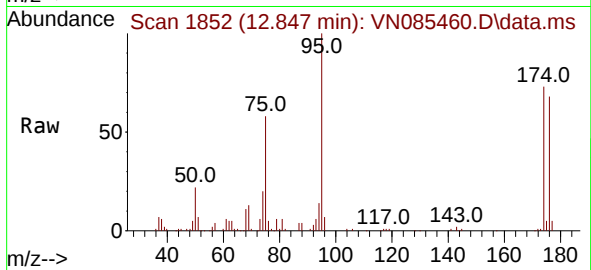
Tgt Ion: 75 Resp: 68999
 Ion Ratio Lower Upper
 75 100
 77 1.3 109.7 329.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.774 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN085460.D
 Acq: 15 Jan 2025 14:37

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 68999
 Ion Ratio Lower Upper
 75 100
 53 0.2 95.6 143.4#
 89 0.0 37.0 55.6#

