

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012125\
 Data File : VN085512.D
 Acq On : 21 Jan 2025 13:06
 Operator : JC\MD
 Sample : Q1140-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 22 00:40:15 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)

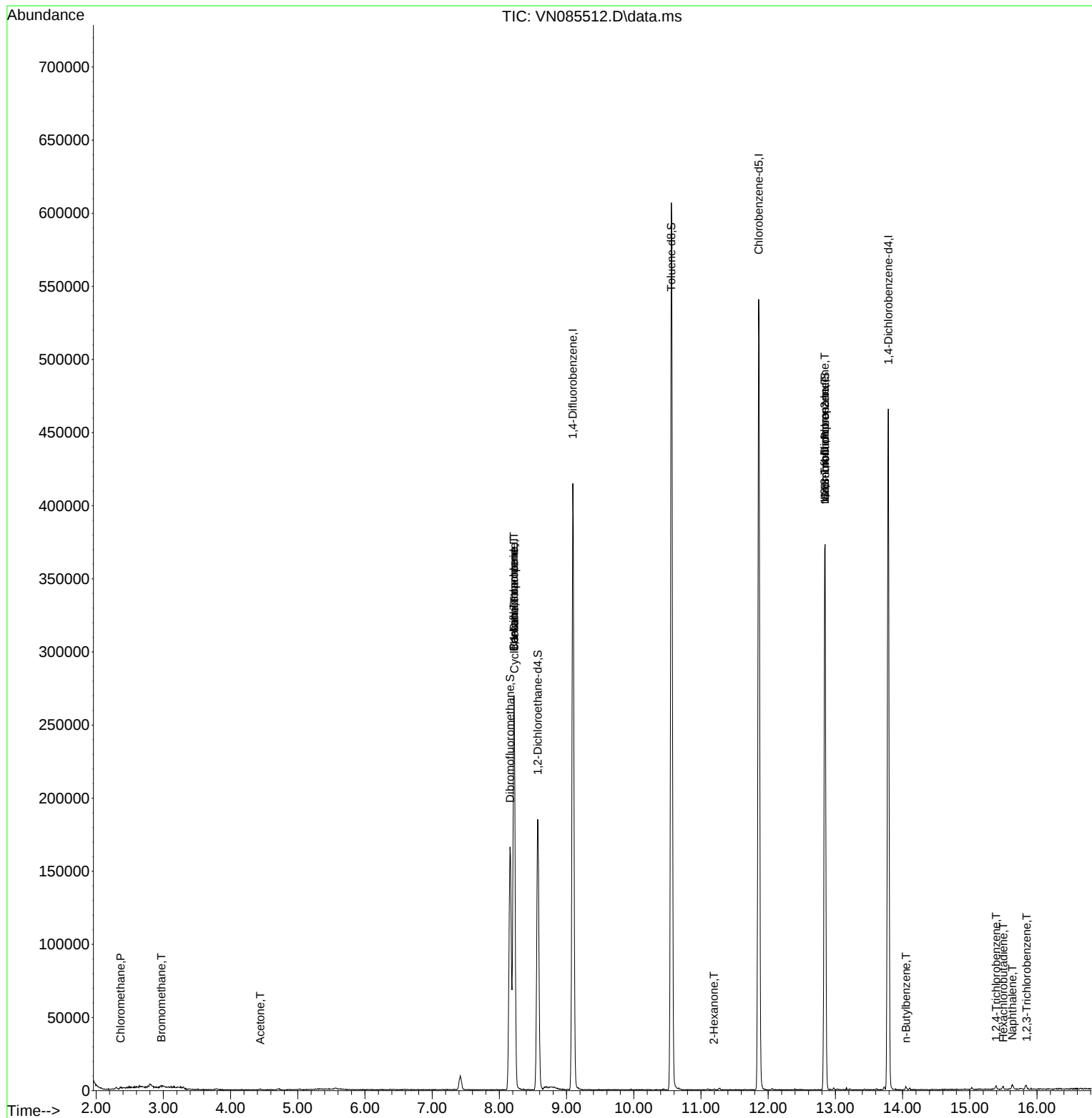
Internal Standards						
1) Pentafluorobenzene	8.218	168	184482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	338159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	293275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	159288	53.490	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.980%			
35) Dibromofluoromethane	8.159	113	119329	50.865	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.740%			
50) Toluene-d8	10.559	98	409792	49.164	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.320%			
62) 4-Bromofluorobenzene	12.847	95	127289	44.643	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 89.280%			
Target Compounds					Qvalue	
3) Chloromethane	2.365	50	555	0.205	ug/l	90
5) Bromomethane	2.971	94	729	0.444	ug/l	81
16) Acetone	4.442	43	779	0.810	ug/l #	45
31) Cyclohexane	8.224	56	5330	1.410	ug/l #	38
36) 1,1-Dichloropropene	8.218	75	16917	5.138	ug/l #	52
38) Carbon Tetrachloride	8.218	117	21085	5.594	ug/l #	16
59) 2-Hexanone	11.194	43	482	0.222	ug/l #	60
71) Bromoform	12.847	173	1156	0.685	ug/l #	1
76) 1,2,3-Trichloropropane	12.841	75	70880	29.154	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.841	75	70880	78.879	ug/l #	3
89) n-Butylbenzene	14.053	91	1584	0.284	ug/l #	89
93) 1,2,4-Trichlorobenzene	15.394	180	947	0.526	ug/l	81
94) Hexachlorobutadiene	15.500	225	808	0.845	ug/l #	74
95) Naphthalene	15.635	128	4254	0.792	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.847	180	1204	0.661	ug/l	94

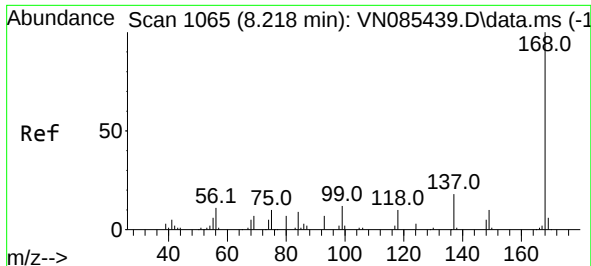
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012125\
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Sample : Q1140-01 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

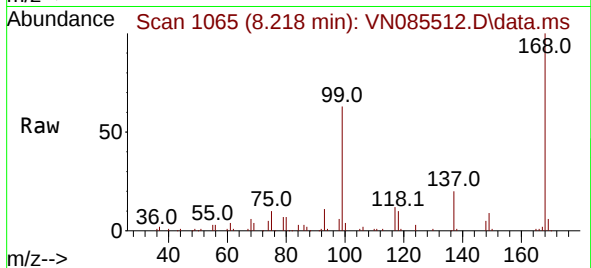
Quant Time: Jan 22 00:40:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration



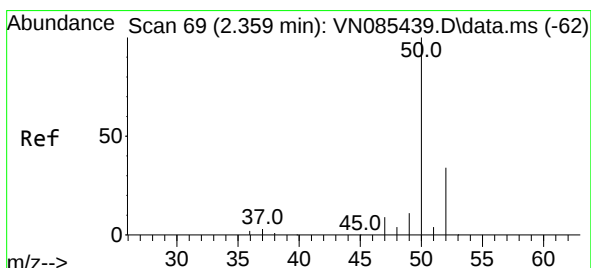
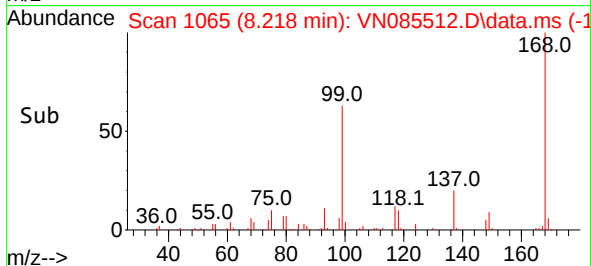
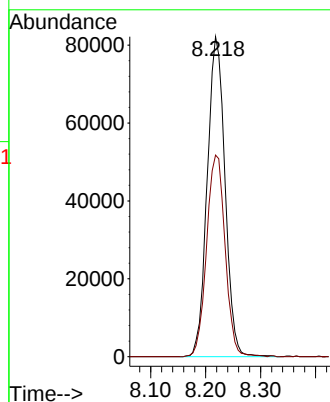


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085512.D
Acq: 21 Jan 2025 13:06

Instrument :
MSVOA_N
ClientSampleId :

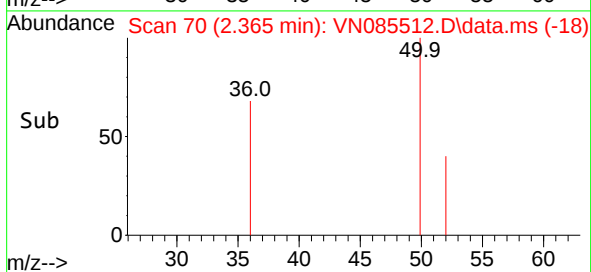
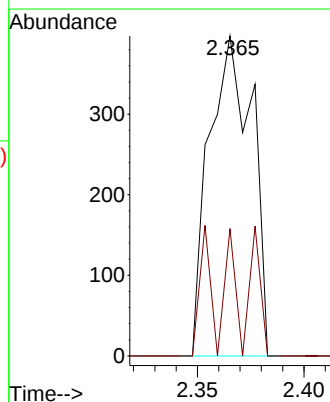
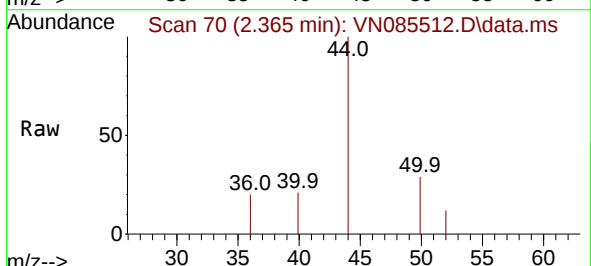


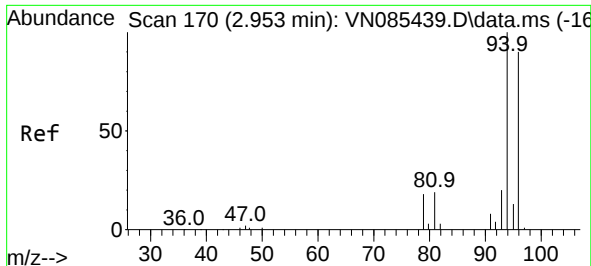
Tgt Ion:168 Resp: 184482
Ion Ratio Lower Upper
168 100
99 63.0 53.6 80.4



#3
Chloromethane
Concen: 0.205 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN085512.D
Acq: 21 Jan 2025 13:06

Tgt Ion: 50 Resp: 555
Ion Ratio Lower Upper
50 100
52 39.8 27.0 40.6

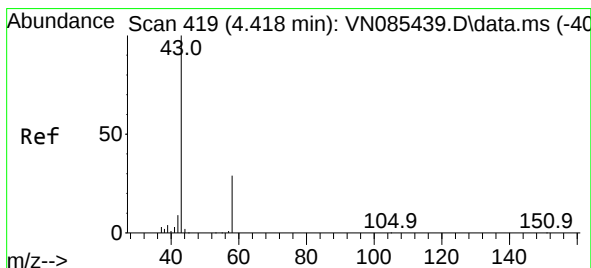
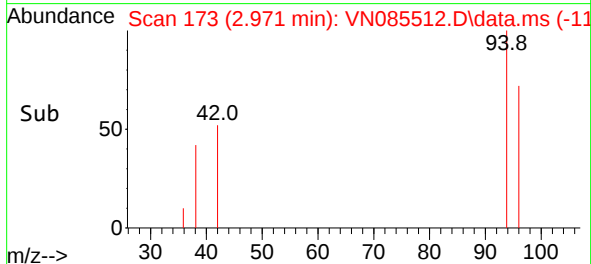
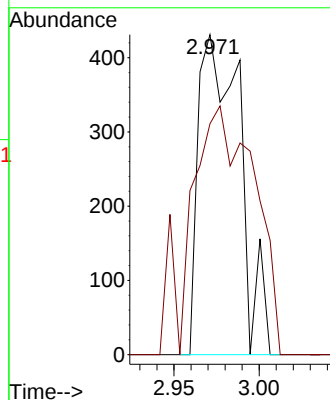
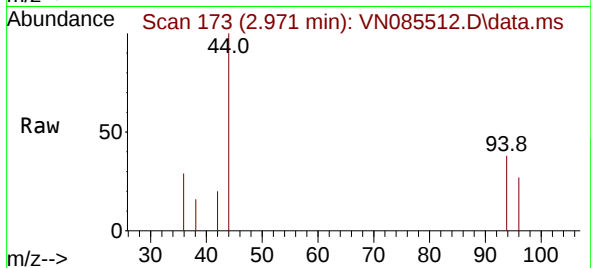




#5
Bromomethane
Concen: 0.444 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN085512.D
Acq: 21 Jan 2025 13:06

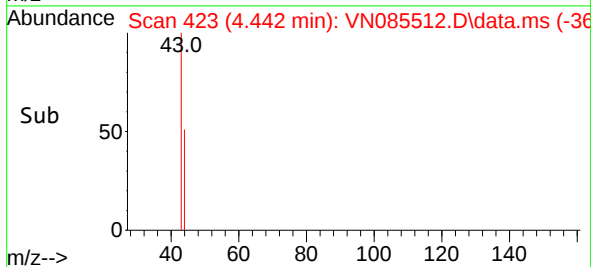
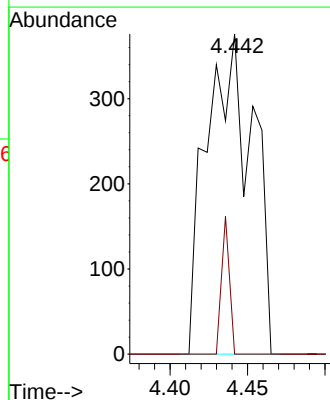
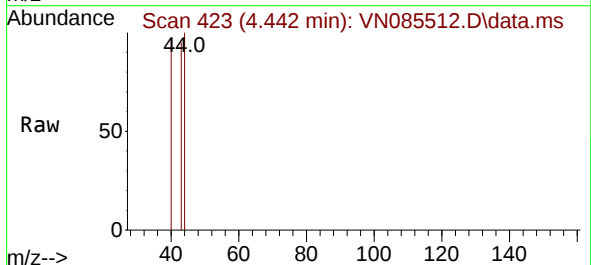
Instrument :
MSVOA_N
ClientSampleId :

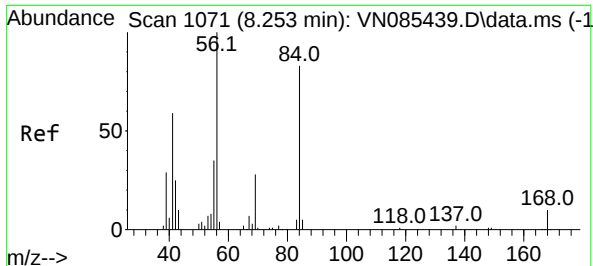
Tgt Ion: 94 Resp: 729
Ion Ratio Lower Upper
94 100
96 72.2 71.8 107.6



#16
Acetone
Concen: 0.810 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.024 min
Lab File: VN085512.D
Acq: 21 Jan 2025 13:06

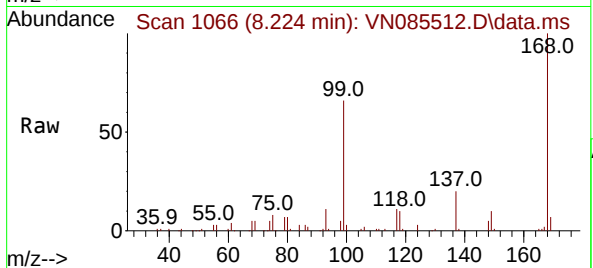
Tgt Ion: 43 Resp: 779
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



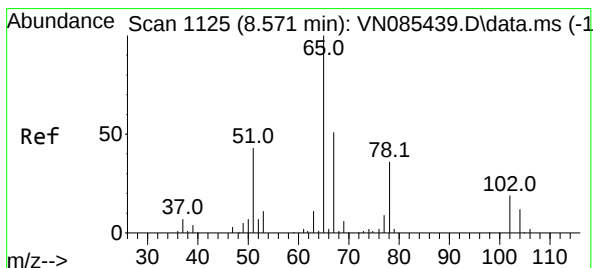
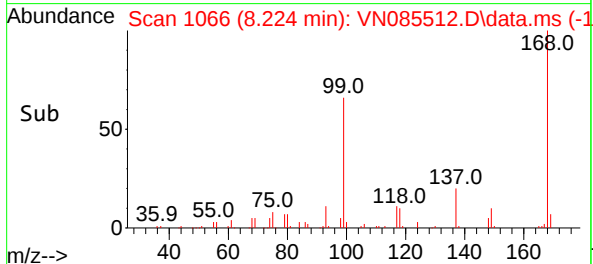
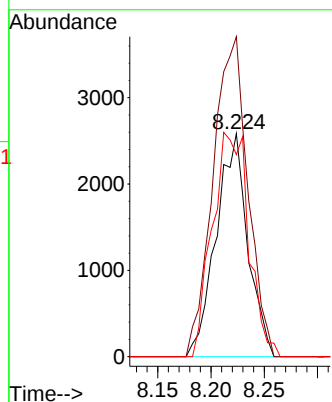


#31
Cyclohexane
Concen: 1.410 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085512.D
Acq: 21 Jan 2025 13:06

Instrument :
MSVOA_N
ClientSampleId :

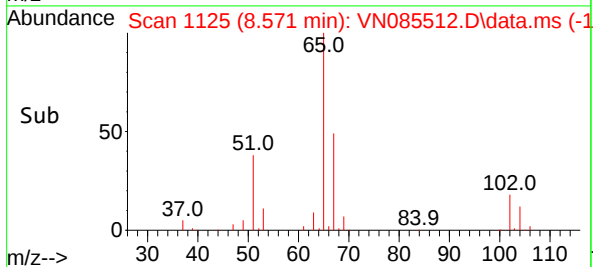
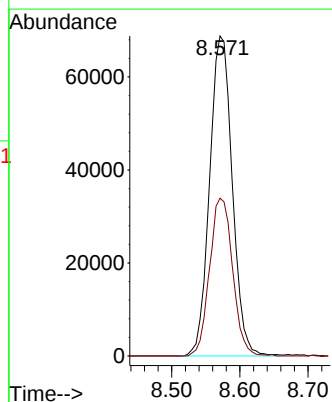
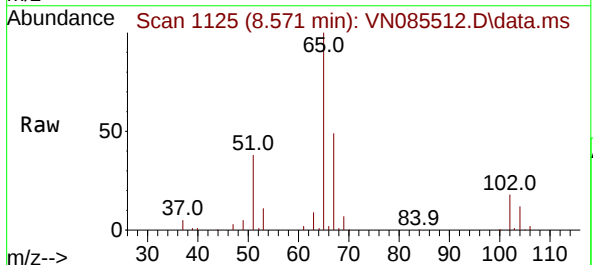


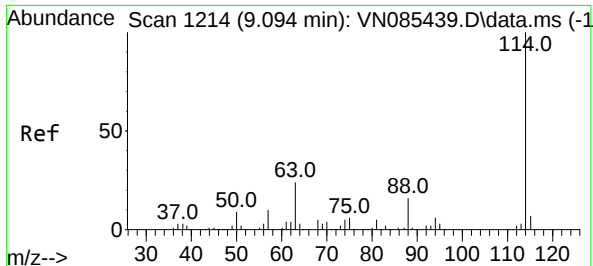
Tgt Ion: 56 Resp: 5330
Ion Ratio Lower Upper
56 100
69 143.5 22.2 33.4#
84 90.6 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 53.490 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VN085512.D
Acq: 21 Jan 2025 13:06

Tgt Ion: 65 Resp: 159288
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085512.D

Acq: 21 Jan 2025 13:06

Instrument :

MSVOA_N

ClientSampleId :

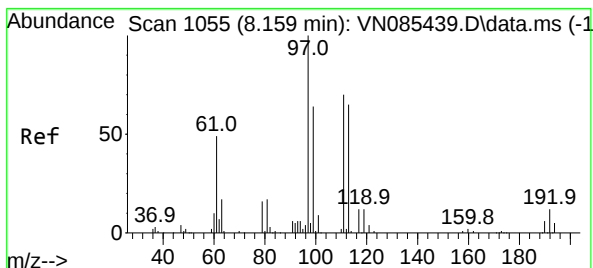
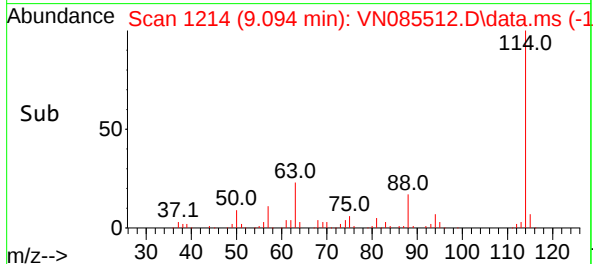
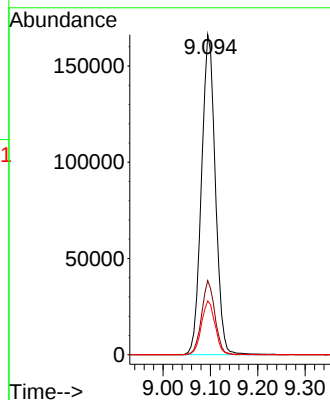
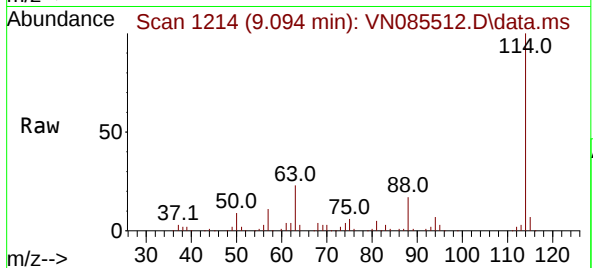
Tgt Ion:114 Resp: 338159

Ion Ratio Lower Upper

114 100

63 23.2 0.0 47.6

88 16.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.865 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN085512.D

Acq: 21 Jan 2025 13:06

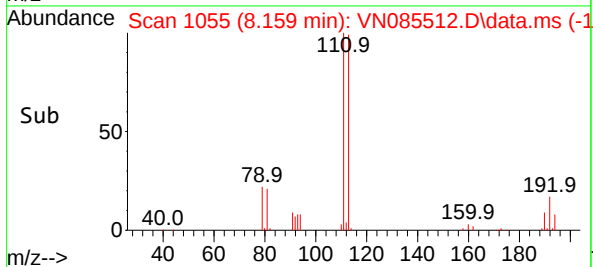
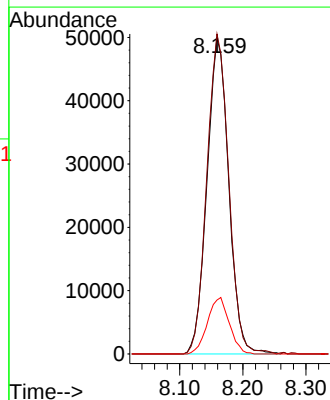
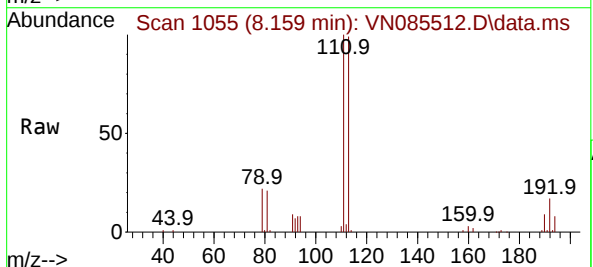
Tgt Ion:113 Resp: 119329

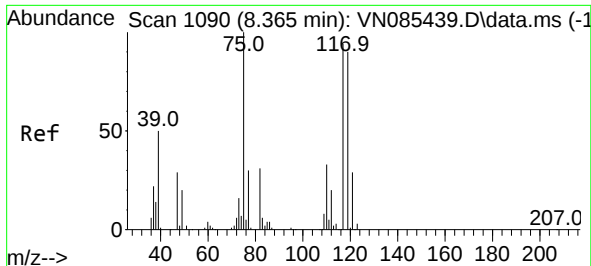
Ion Ratio Lower Upper

113 100

111 101.8 82.7 124.1

192 17.9 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.138 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

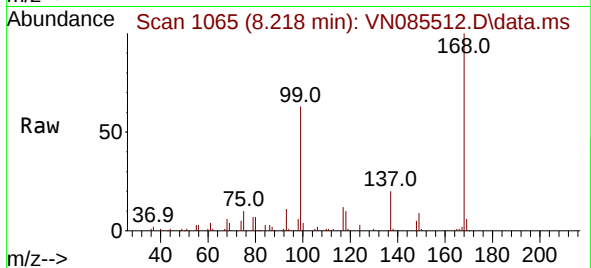
Lab File: VN085512.D

Acq: 21 Jan 2025 13:06

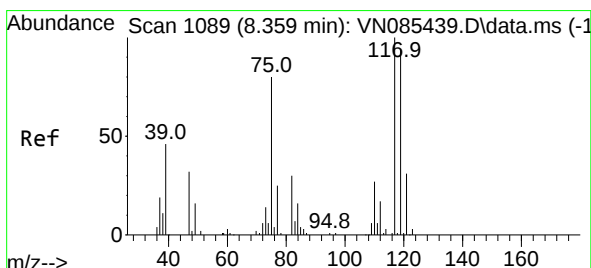
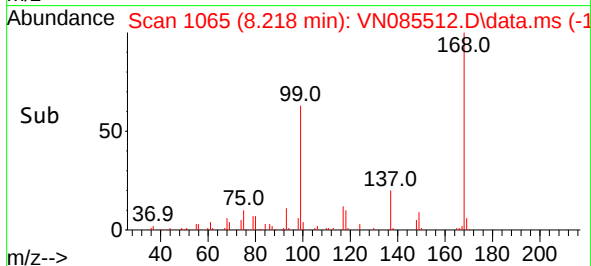
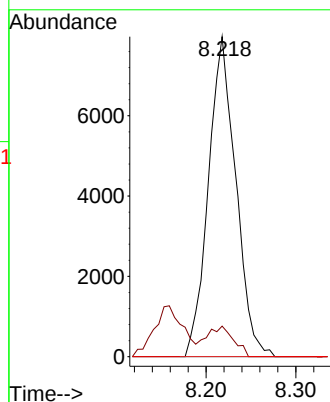
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	16917
Ion Ratio	Lower	Upper	
75	100		
110	9.5	16.5	49.5#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.594 ug/l

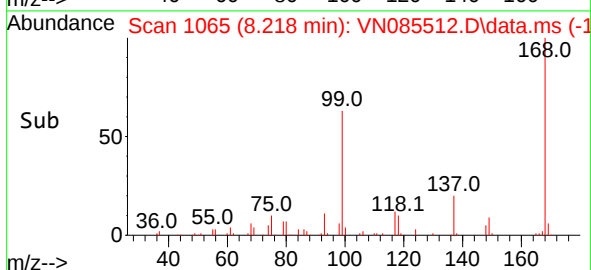
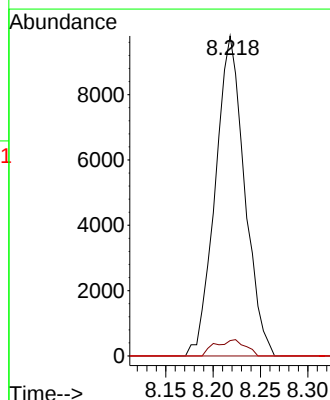
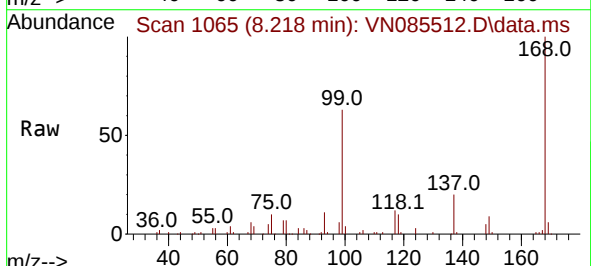
RT: 8.218 min Scan# 1065

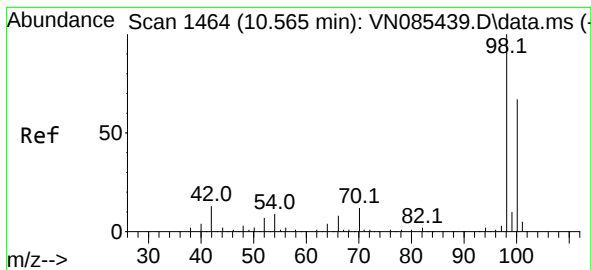
Delta R.T. -0.141 min

Lab File: VN085512.D

Acq: 21 Jan 2025 13:06

Tgt Ion:	117	Resp:	21085
Ion Ratio	Lower	Upper	
117	100		
119	4.8	75.4	113.2#
121	0.0	24.6	37.0#

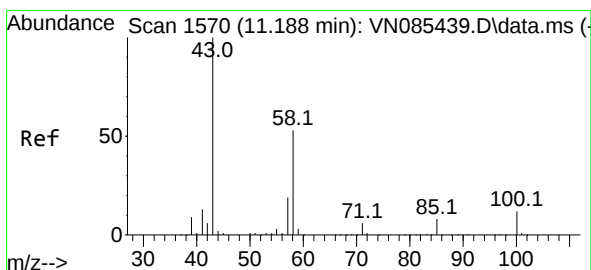
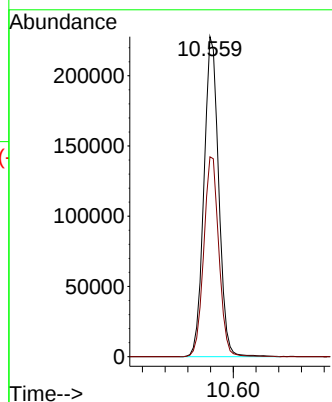
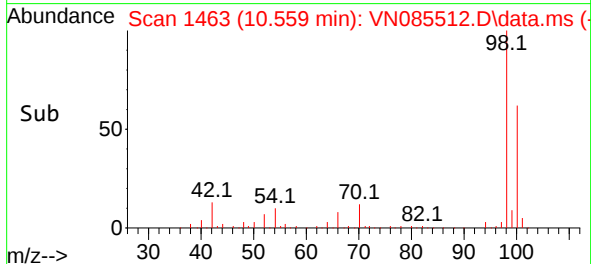
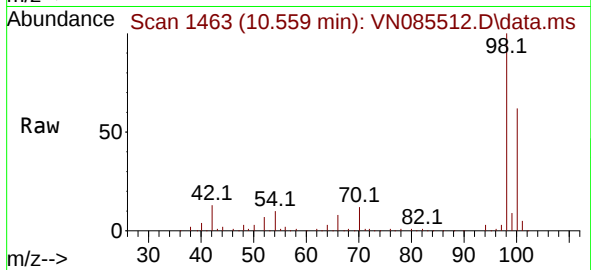




#50
Toluene-d8
Concen: 49.164 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN085512.D
Acq: 21 Jan 2025 13:06

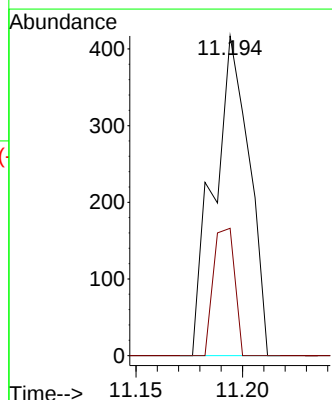
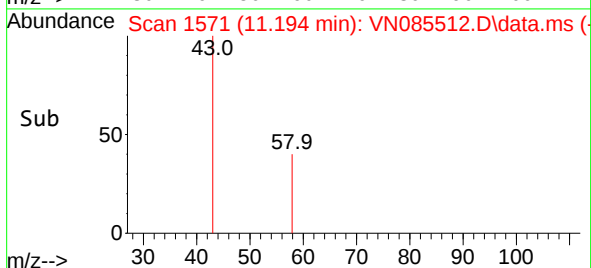
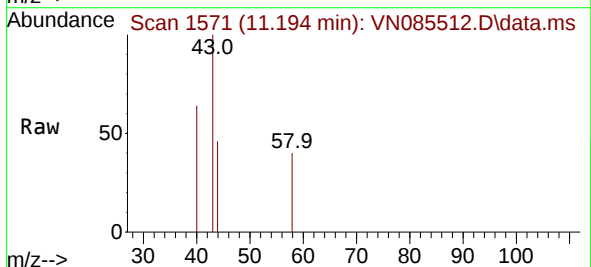
Instrument :
MSVOA_N
ClientSampleId :

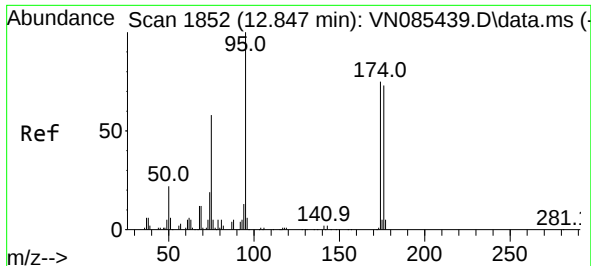
Tgt Ion: 98 Resp: 409792
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.4



#59
2-Hexanone
Concen: 0.222 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085512.D
Acq: 21 Jan 2025 13:06

Tgt Ion: 43 Resp: 482
Ion Ratio Lower Upper
43 100
58 23.9 26.2 78.6#

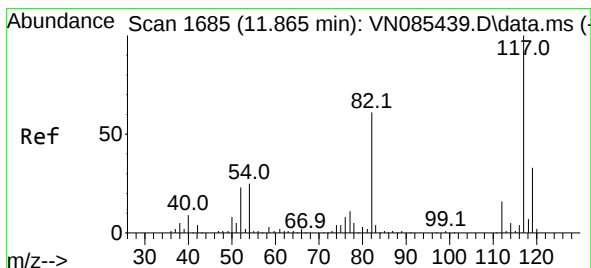
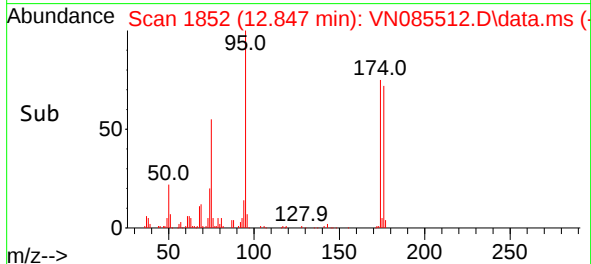
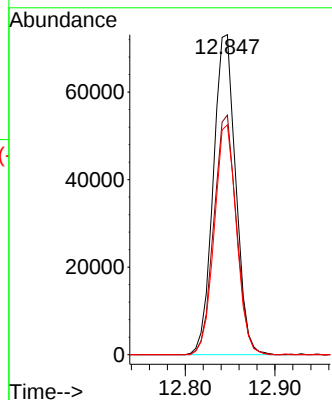
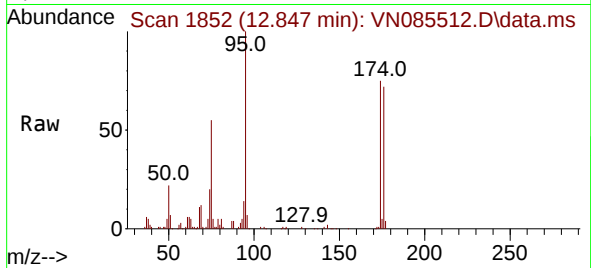




#62
4-Bromofluorobenzene
Concen: 44.643 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085512.D
Acq: 21 Jan 2025 13:06

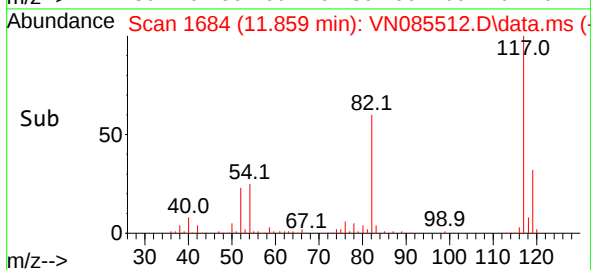
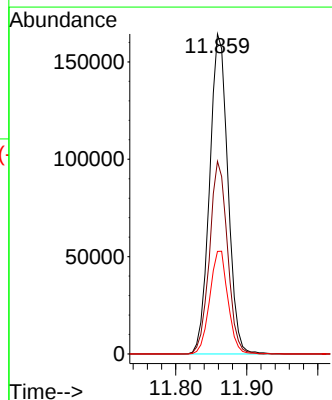
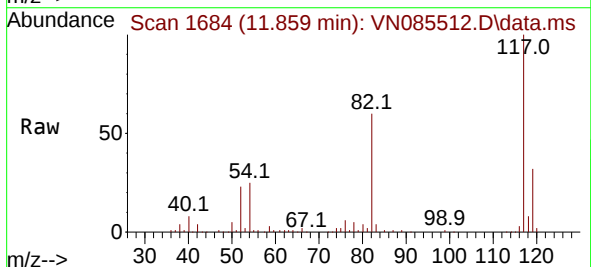
Instrument :
MSVOA_N
ClientSampleId :

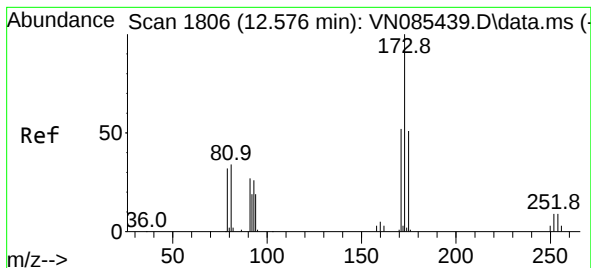
Tgt Ion: 95 Resp: 127289
Ion Ratio Lower Upper
95 100
174 75.1 0.0 145.0
176 71.1 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN085512.D
Acq: 21 Jan 2025 13:06

Tgt Ion: 117 Resp: 293275
Ion Ratio Lower Upper
117 100
82 60.2 48.6 72.8
119 32.0 26.6 39.8





#71

Bromoform

Concen: 0.685 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.271 min

Lab File: VN085512.D

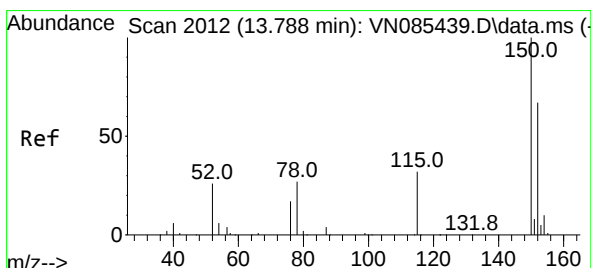
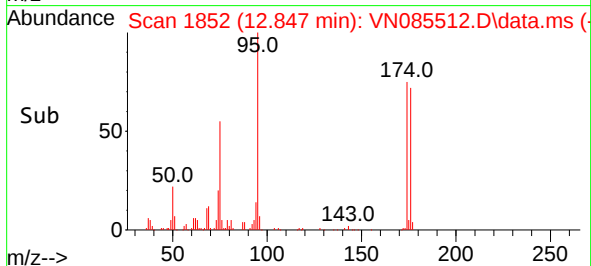
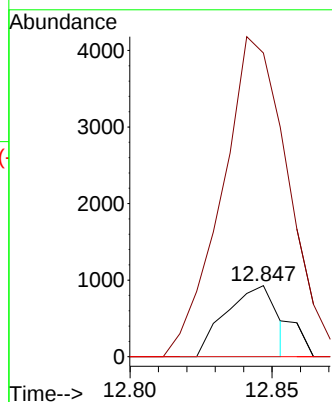
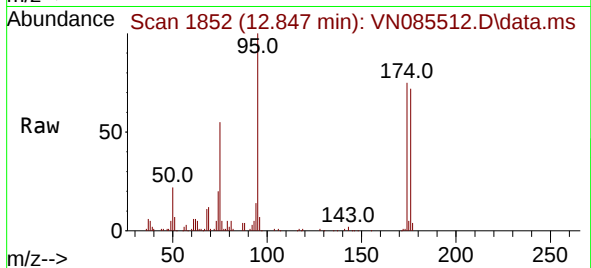
Acq: 21 Jan 2025 13:06

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 1156
 Ion Ratio Lower Upper
 173 100
 175 506.7 24.4 73.2#
 254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

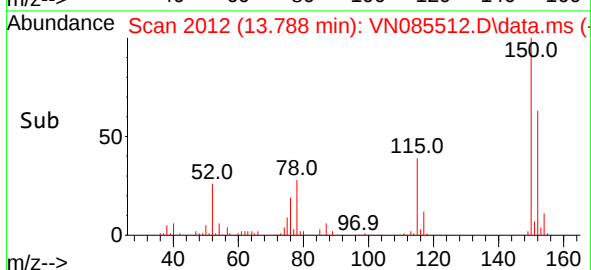
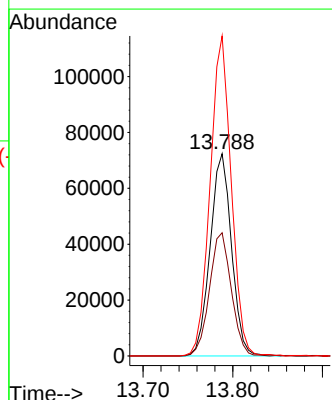
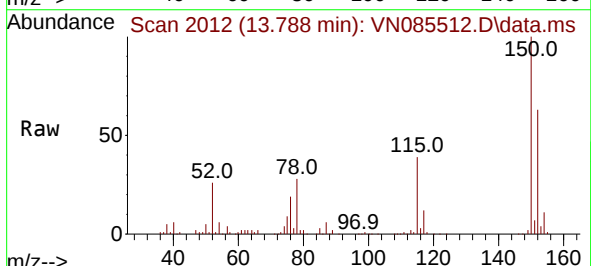
RT: 13.788 min Scan# 2012

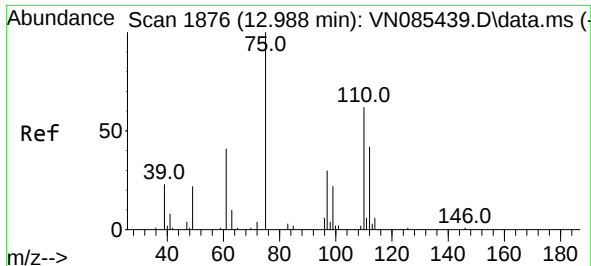
Delta R.T. 0.000 min

Lab File: VN085512.D

Acq: 21 Jan 2025 13:06

Tgt Ion:152 Resp: 119615
 Ion Ratio Lower Upper
 152 100
 115 62.2 31.1 93.3
 150 156.3 0.0 343.6

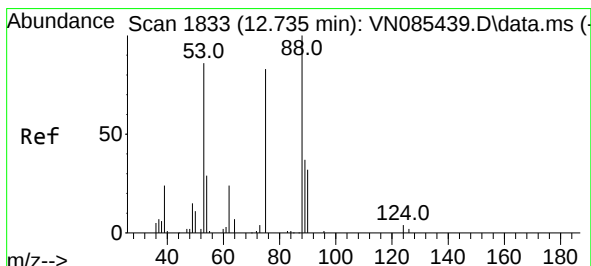
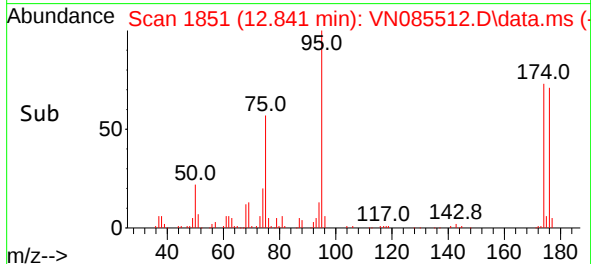
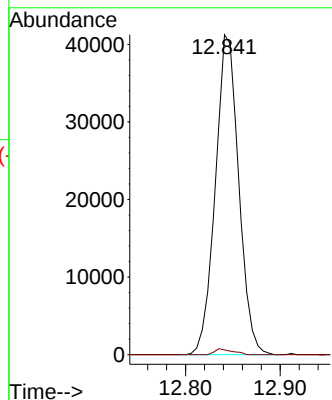
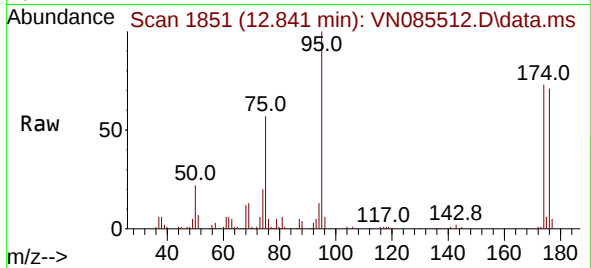




#76
1,2,3-Trichloropropane
Concen: 29.154 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.147 min
Lab File: VN085512.D
Acq: 21 Jan 2025 13:06

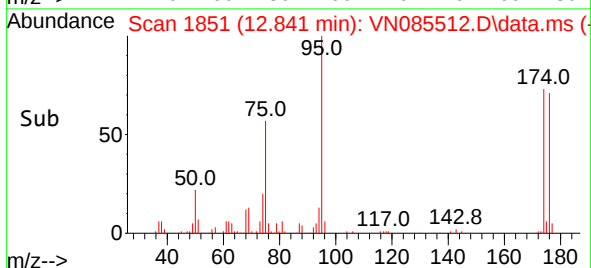
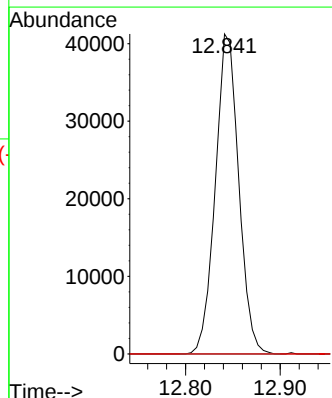
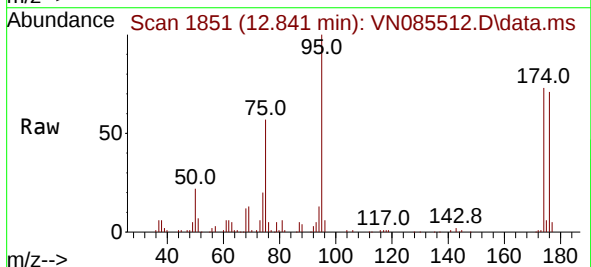
Instrument :
MSVOA_N
ClientSampleId :

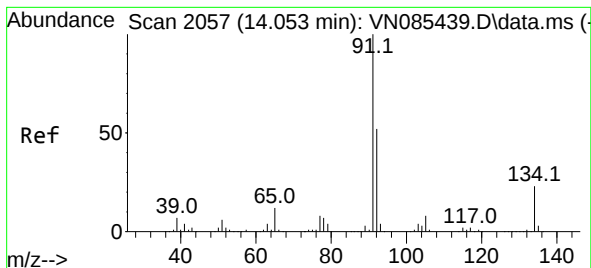
Tgt Ion: 75 Resp: 70880
Ion Ratio Lower Upper
75 100
77 1.4 109.7 329.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.879 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.106 min
Lab File: VN085512.D
Acq: 21 Jan 2025 13:06

Tgt Ion: 75 Resp: 70880
Ion Ratio Lower Upper
75 100
53 0.0 95.6 143.4#
89 0.0 37.0 55.6#





#89

n-Butylbenzene

Concen: 0.284 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN085512.D

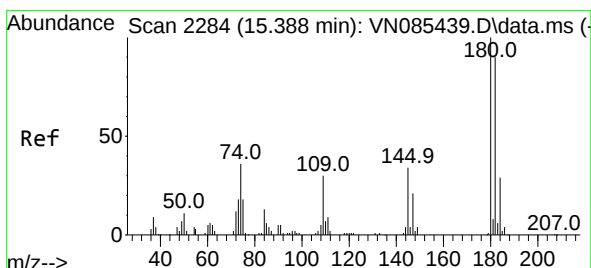
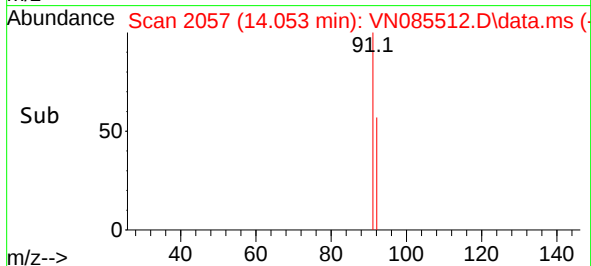
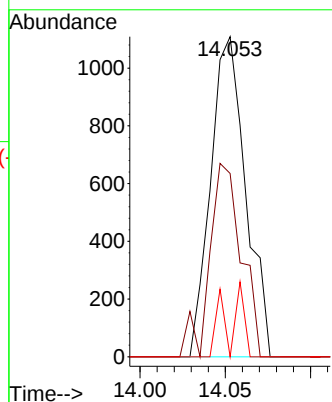
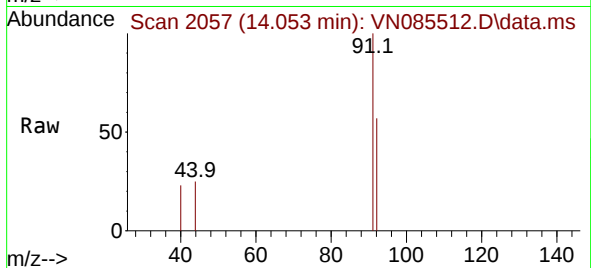
Acq: 21 Jan 2025 13:06

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	91	Resp:	1584
Ion	Ratio	Lower	Upper
91	100		
92	55.0	25.8	77.3
134	11.0	11.7	35.1



#93

1,2,4-Trichlorobenzene

Concen: 0.526 ug/l

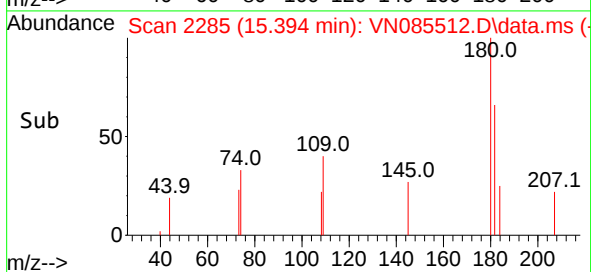
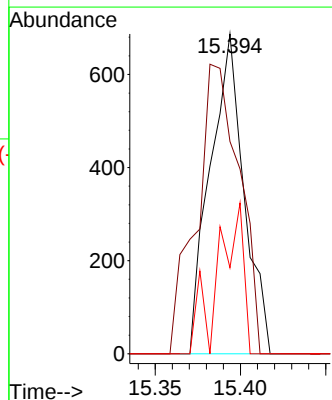
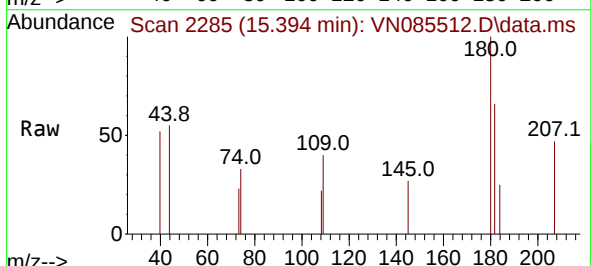
RT: 15.394 min Scan# 2285

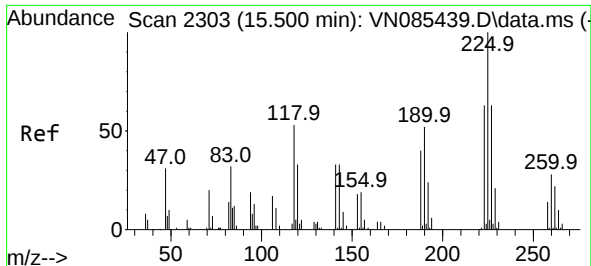
Delta R.T. 0.006 min

Lab File: VN085512.D

Acq: 21 Jan 2025 13:06

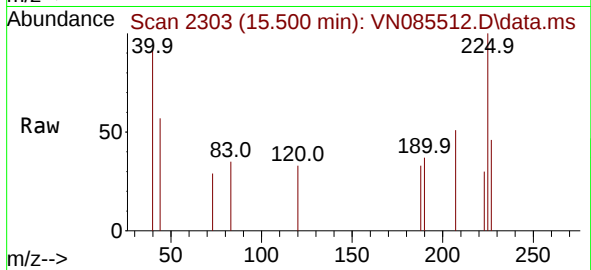
Tgt Ion:	180	Resp:	947
Ion	Ratio	Lower	Upper
180	100		
182	115.3	46.8	140.3
145	35.8	16.0	48.0



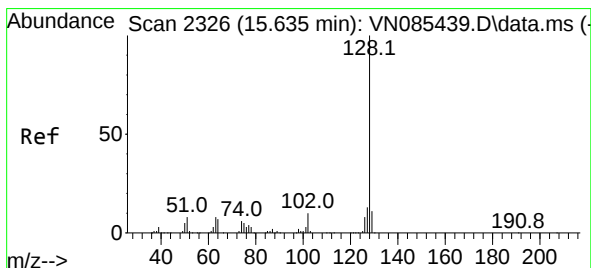
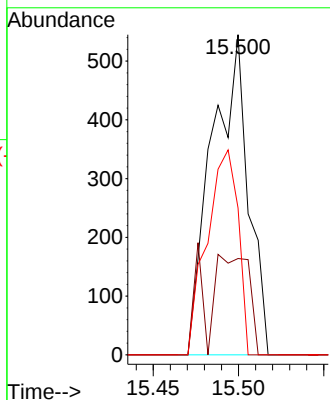
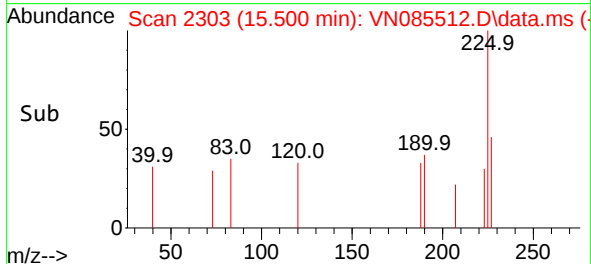


#94
Hexachlorobutadiene
Concen: 0.845 ug/l
RT: 15.500 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN085512.D
Acq: 21 Jan 2025 13:06

Instrument :
MSVOA_N
ClientSampleId :

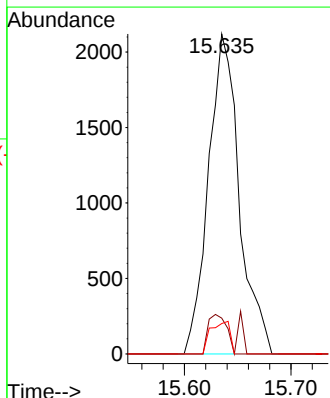
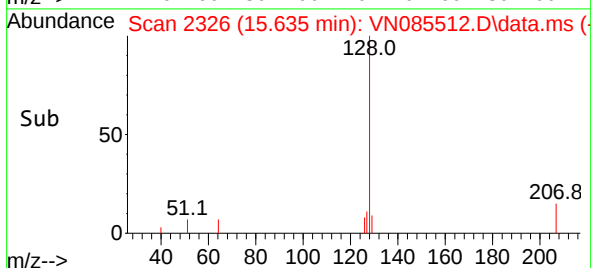
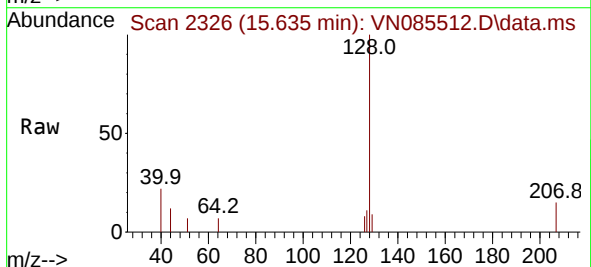


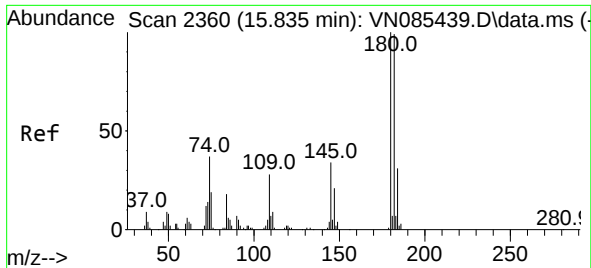
Tgt Ion:225 Resp: 808
Ion Ratio Lower Upper
225 100
223 28.5 30.7 92.1#
227 55.0 30.9 92.5



#95
Naphthalene
Concen: 0.792 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN085512.D
Acq: 21 Jan 2025 13:06

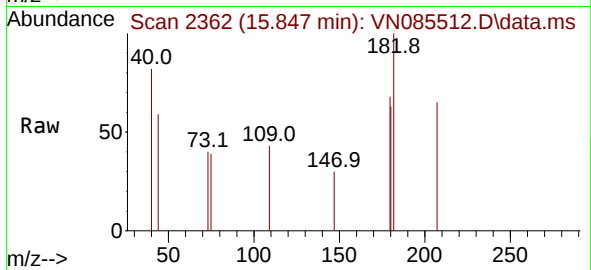
Tgt Ion:128 Resp: 4254
Ion Ratio Lower Upper
128 100
127 7.4 10.6 16.0#
129 6.3 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.661 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN085512.D
 Acq: 21 Jan 2025 13:06

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1204
Ion	Ratio	Lower	Upper
180	100		
182	102.2	47.4	142.2
145	33.0	16.9	50.7

