

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012825\
 Data File : VN085538.D
 Acq On : 28 Jan 2025 15:01
 Operator : JC\MD
 Sample : Q1199-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 29 00:39:47 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)

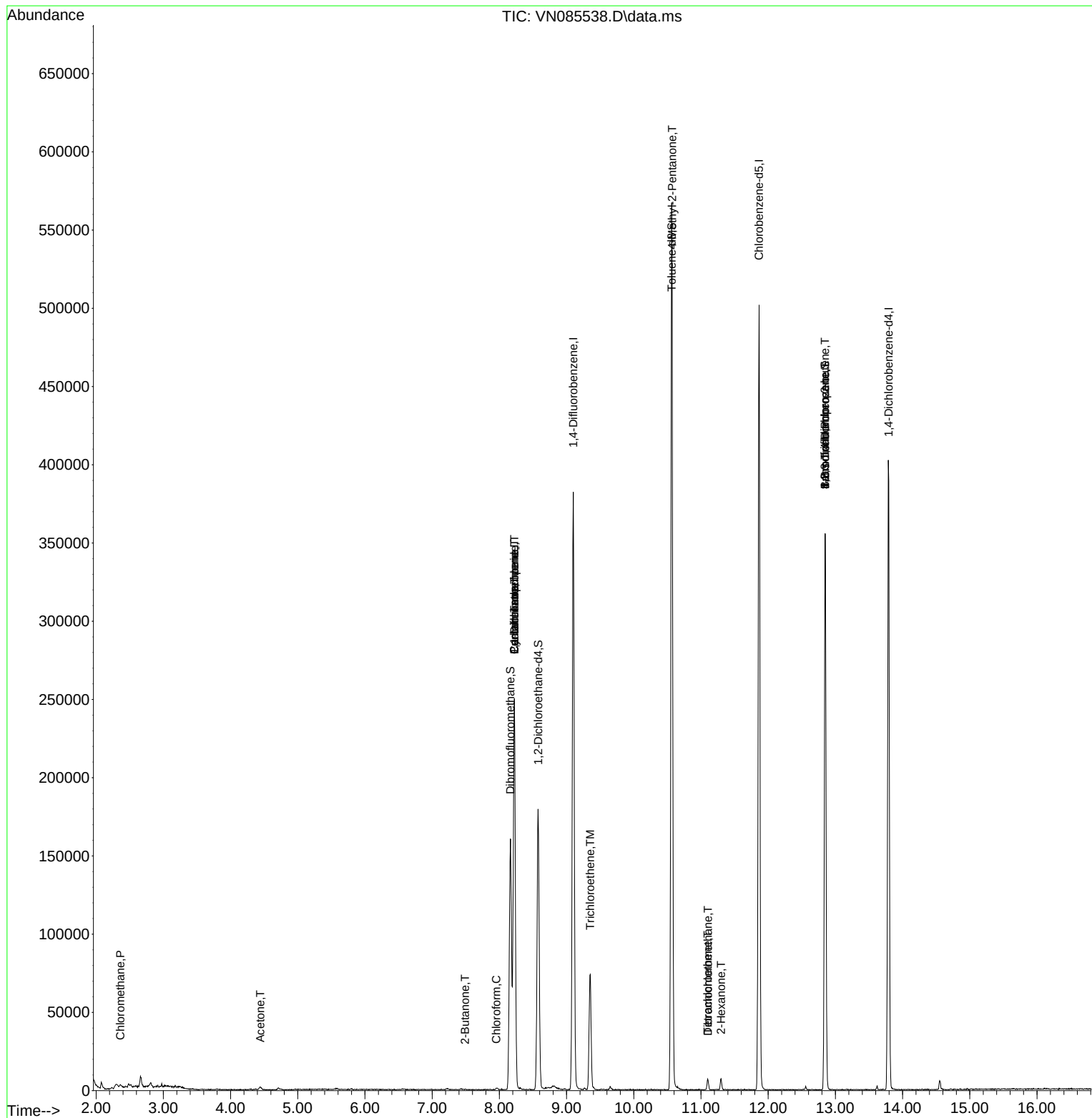
Internal Standards						
1) Pentafluorobenzene	8.224	168	162553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	149816	57.096	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.200%
35) Dibromofluoromethane	8.165	113	111820	52.585	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.160%
50) Toluene-d8	10.565	98	373062	49.377	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.760%
62) 4-Bromofluorobenzene	12.847	95	117423	45.434	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.860%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	956	0.401	ug/l #	66
16) Acetone	4.441	43	3317	3.912	ug/l	95
25) 2-Butanone	7.488	43	352	0.282	ug/l #	50
30) Chloroform	7.953	83	1380	0.349	ug/l #	79
31) Cyclohexane	8.224	56	4724	1.419	ug/l #	20
36) 1,1-Dichloropropene	8.224	75	16052	5.379	ug/l #	50
38) Carbon Tetrachloride	8.224	117	18262	5.345	ug/l #	17
44) Trichloroethene	9.353	130	27023	12.946	ug/l	89
51) 4-Methyl-2-Pentanone	10.570	43	1956	0.698	ug/l #	1
59) 2-Hexanone	11.300	43	1263	0.641	ug/l #	26
60) Dibromochloromethane	11.106	129	1432	0.577	ug/l #	11
64) Tetrachloroethene	11.100	164	1751	0.948	ug/l #	81
71) Bromoform	12.847	173	935	0.600	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	64667	29.413	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	64667	79.579	ug/l #	3

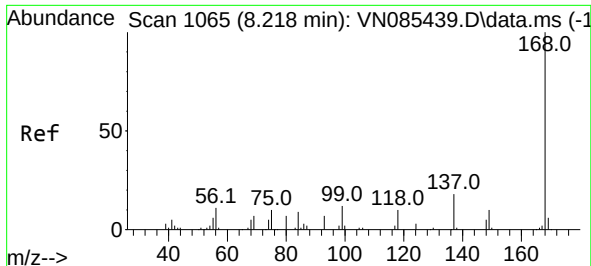
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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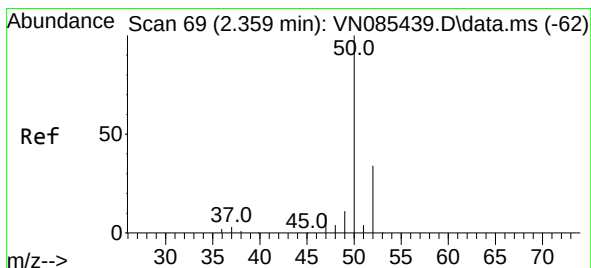
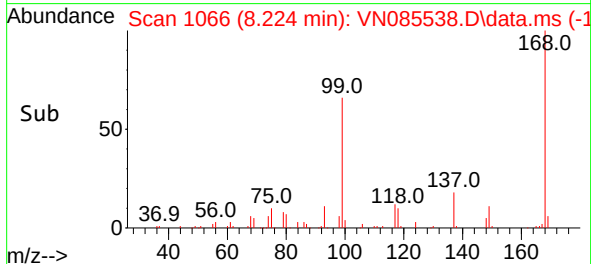
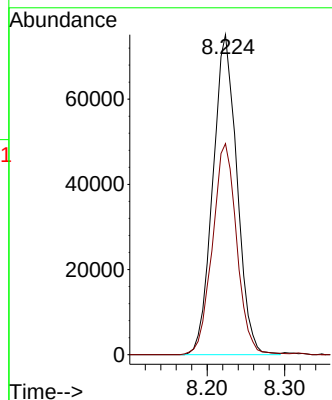
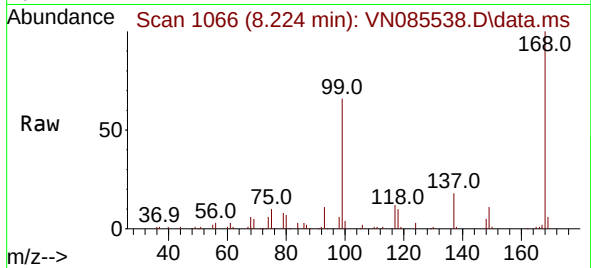




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085538.D
Acq: 28 Jan 2025 15:01

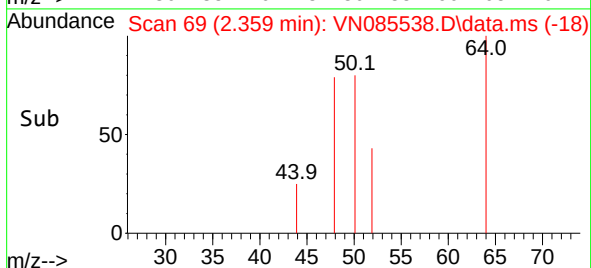
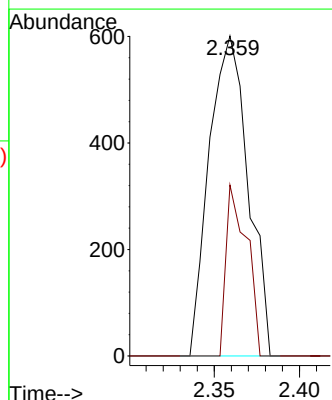
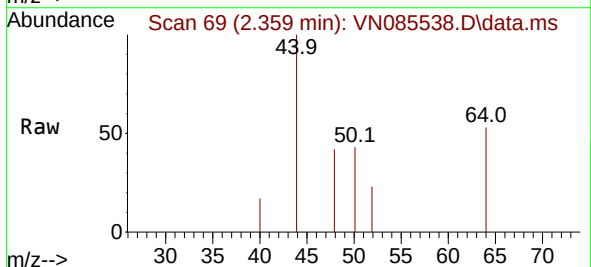
Instrument :
MSVOA_N
ClientSampleId :

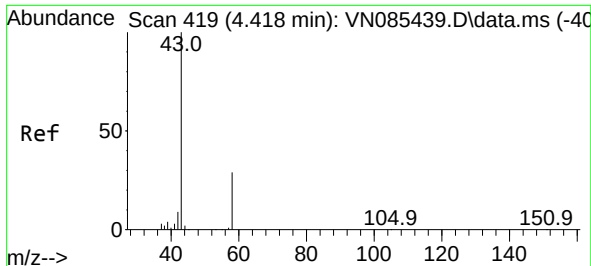
Tgt Ion:168 Resp: 162553
Ion Ratio Lower Upper
168 100
99 65.9 53.6 80.4



#3
Chloromethane
Concen: 0.401 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085538.D
Acq: 28 Jan 2025 15:01

Tgt Ion: 50 Resp: 956
Ion Ratio Lower Upper
50 100
52 53.4 27.0 40.6#

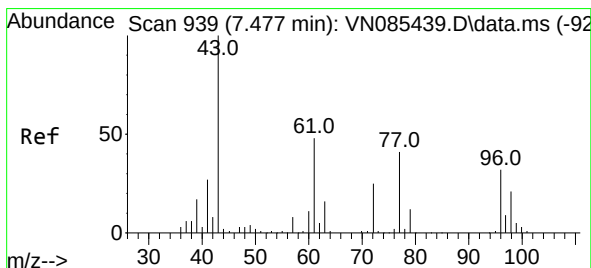
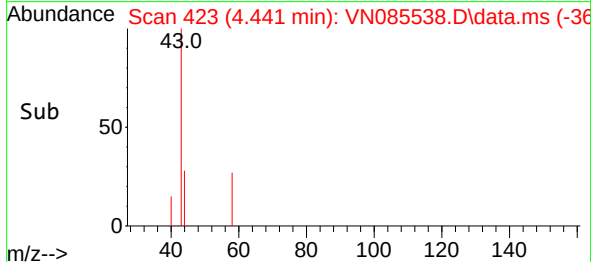
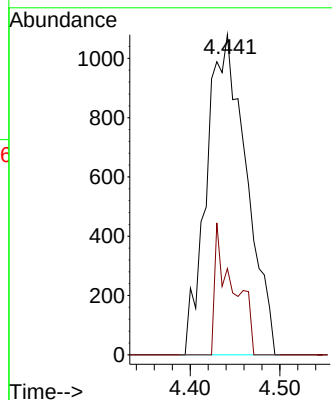
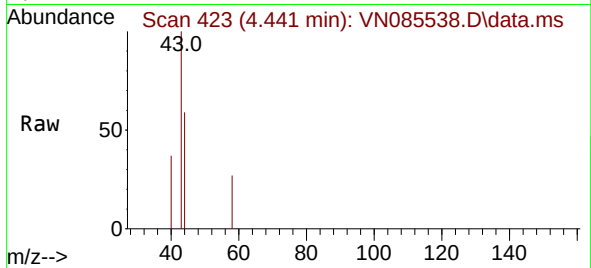




#16
Acetone
Concen: 3.912 ug/l
RT: 4.441 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN085538.D
Acq: 28 Jan 2025 15:01

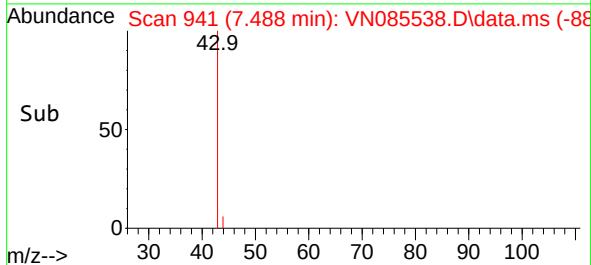
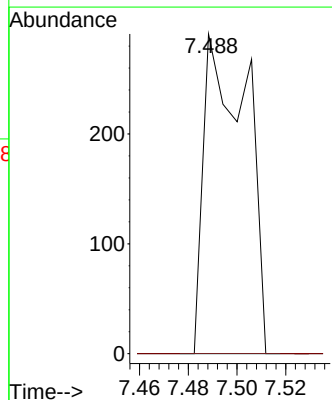
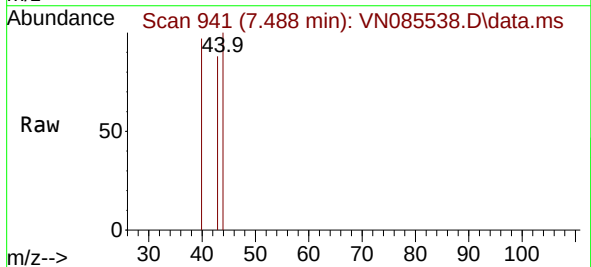
Instrument :
MSVOA_N
ClientSampleId :

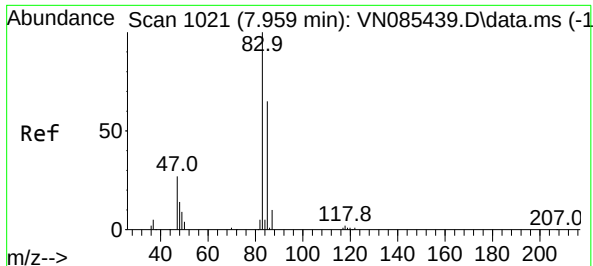
Tgt Ion: 43 Resp: 3317
Ion Ratio Lower Upper
43 100
58 26.9 23.8 35.6



#25
2-Butanone
Concen: 0.282 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN085538.D
Acq: 28 Jan 2025 15:01

Tgt Ion: 43 Resp: 352
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.4#





#30

Chloroform

Concen: 0.349 ug/l

RT: 7.953 min Scan# 1066

Delta R.T. -0.006 min

Lab File: VN085538.D

Acq: 28 Jan 2025 15:01

Instrument :

MSVOA_N

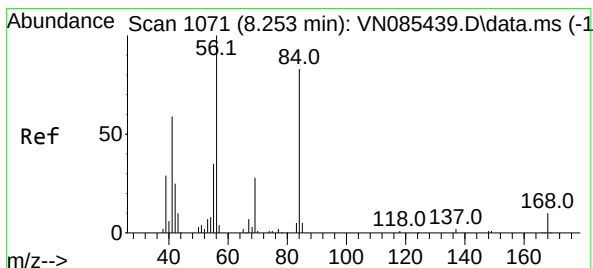
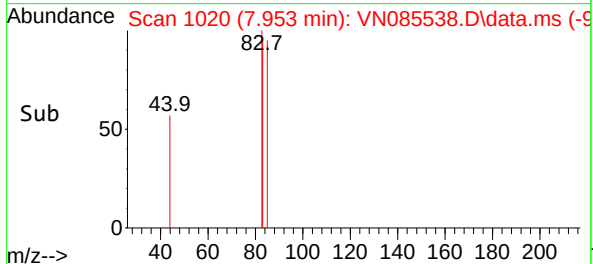
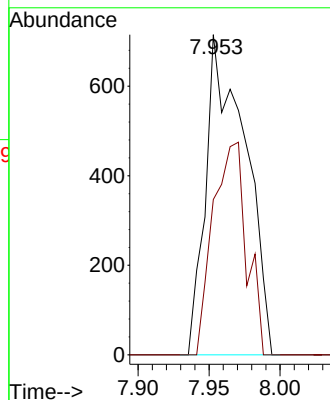
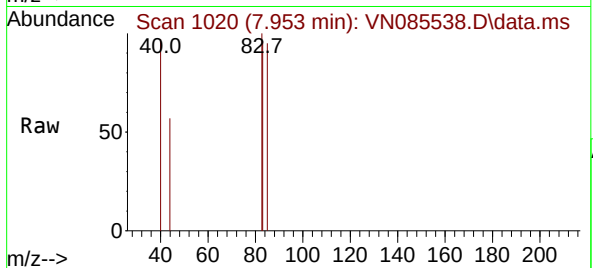
ClientSampleId :

Tgt Ion: 83 Resp: 1380

Ion Ratio Lower Upper

83 100

85 48.5 51.8 77.6#



#31

Cyclohexane

Concen: 1.419 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.030 min

Lab File: VN085538.D

Acq: 28 Jan 2025 15:01

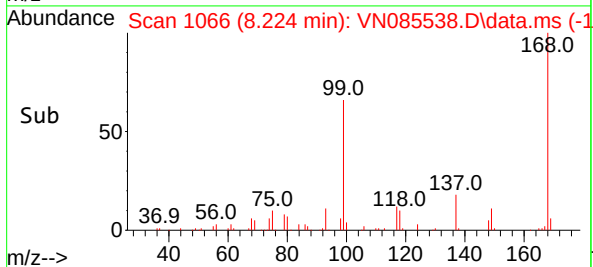
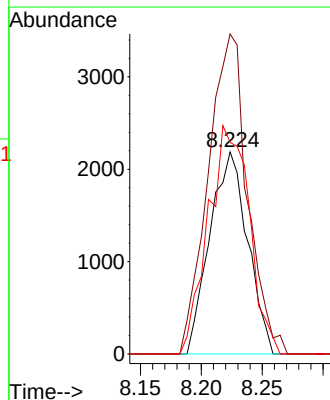
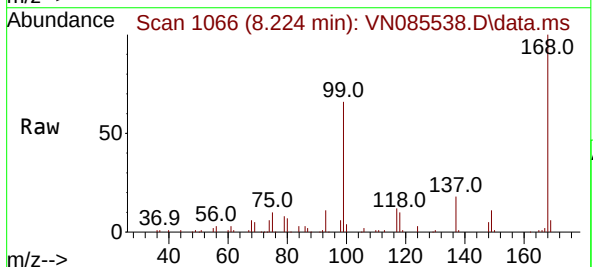
Tgt Ion: 56 Resp: 4724

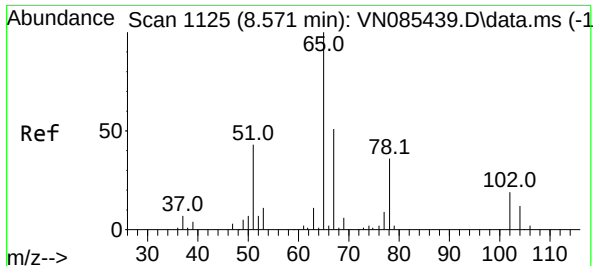
Ion Ratio Lower Upper

56 100

69 158.3 22.2 33.4#

84 104.6 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 57.096 ug/l

RT: 8.576 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085538.D

Acq: 28 Jan 2025 15:01

Instrument :

MSVOA_N

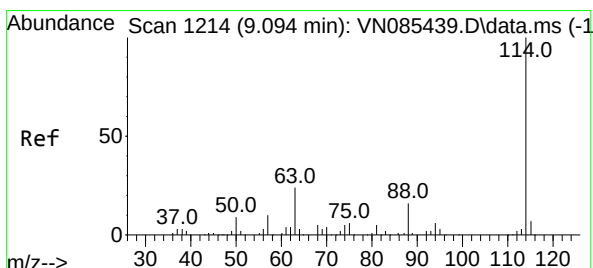
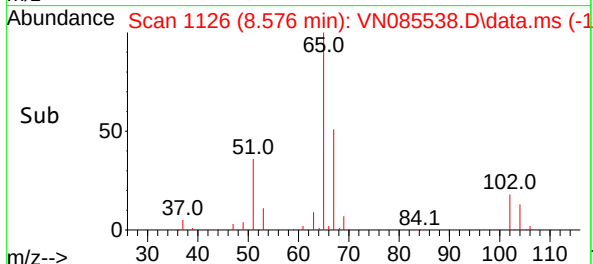
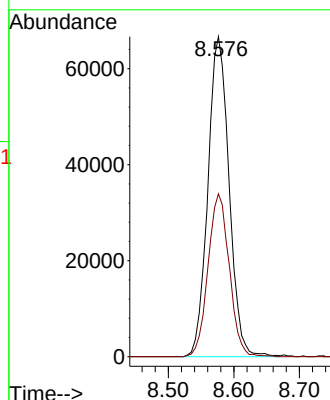
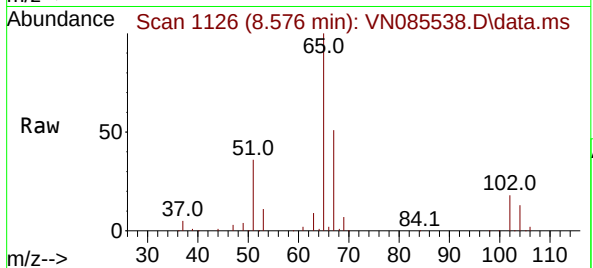
ClientSampleId :

Tgt Ion: 65 Resp: 149816

Ion Ratio Lower Upper

65 100

67 51.0 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: VN085538.D

Acq: 28 Jan 2025 15:01

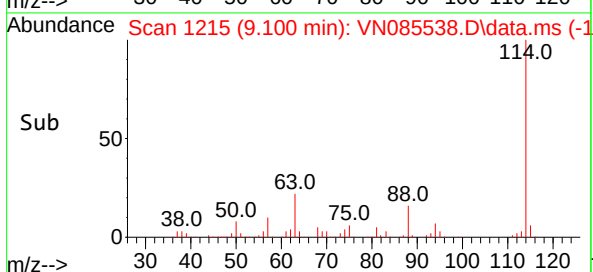
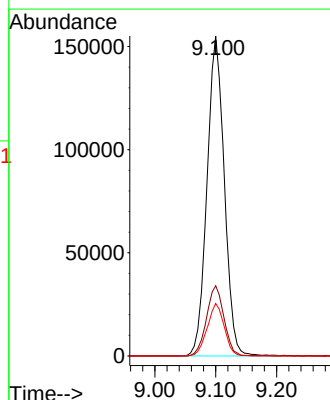
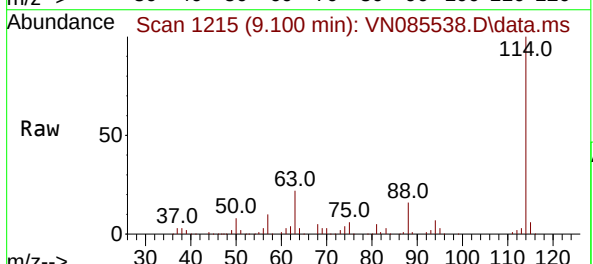
Tgt Ion: 114 Resp: 306518

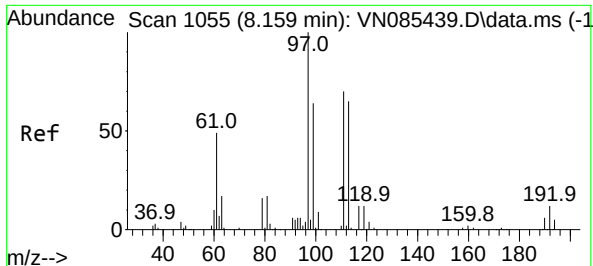
Ion Ratio Lower Upper

114 100

63 22.0 0.0 47.6

88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.585 ug/l

RT: 8.165 min Scan# 111820

Delta R.T. 0.006 min

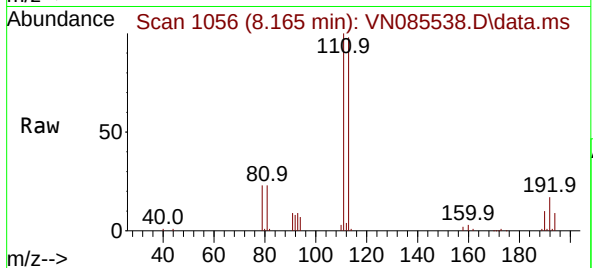
Lab File: VN085538.D

Acq: 28 Jan 2025 15:01

Instrument :

MSVOA_N

ClientSampleId :



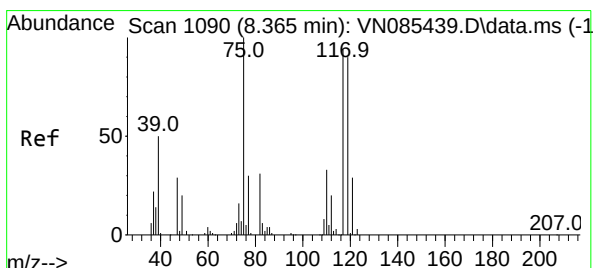
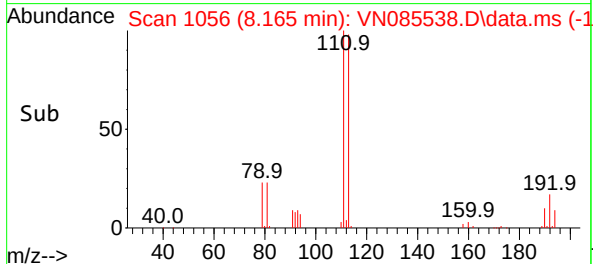
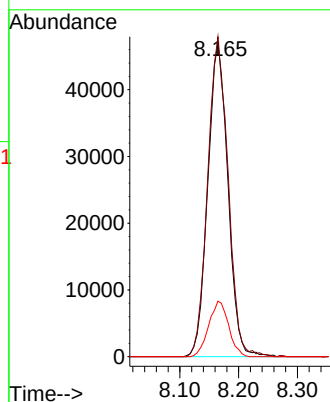
Tgt Ion:113 Resp: 111820

Ion Ratio Lower Upper

113 100

111 103.5 82.7 124.1

192 17.5 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.379 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085538.D

Acq: 28 Jan 2025 15:01

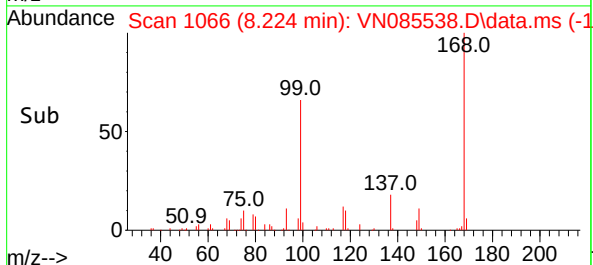
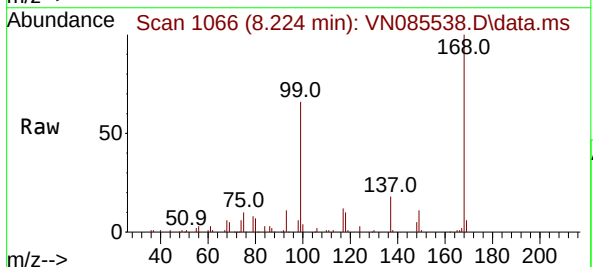
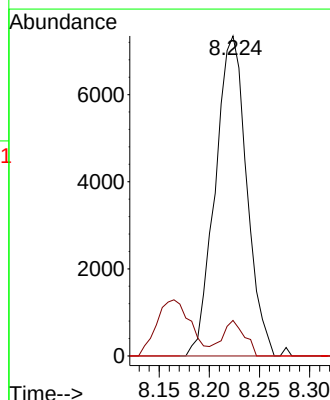
Tgt Ion: 75 Resp: 16052

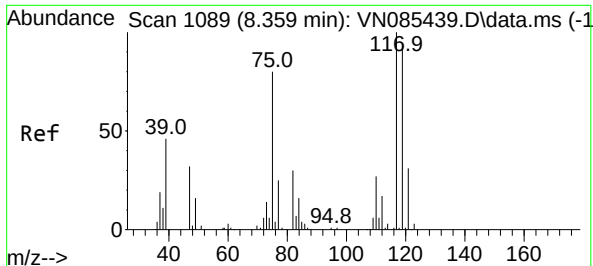
Ion Ratio Lower Upper

75 100

110 7.8 16.5 49.5#

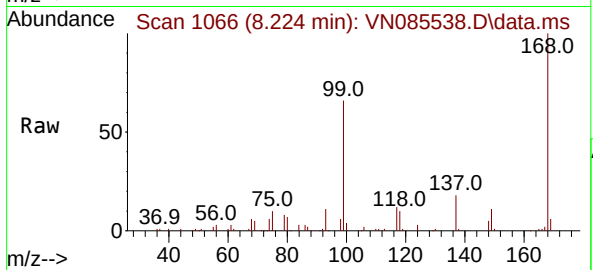
77 0.0 24.4 36.6#



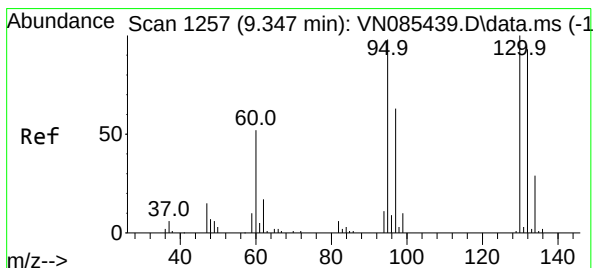
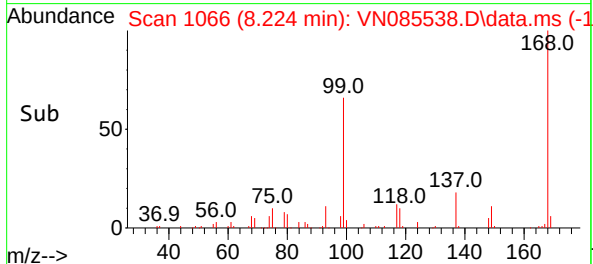
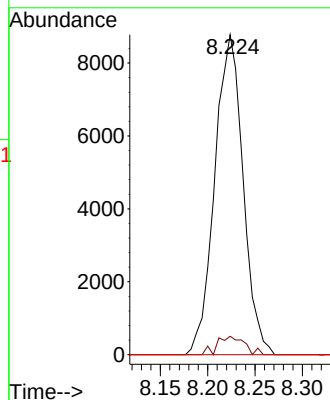


#38
Carbon Tetrachloride
Concen: 5.345 ug/l
RT: 8.224 min Scan# 1089
Delta R.T. -0.135 min
Lab File: VN085538.D
Acq: 28 Jan 2025 15:01

Instrument :
MSVOA_N
ClientSampleId :

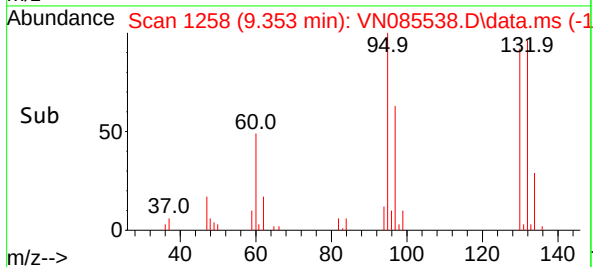
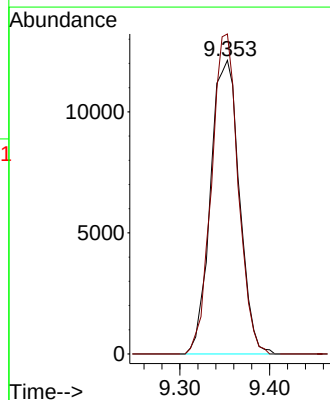
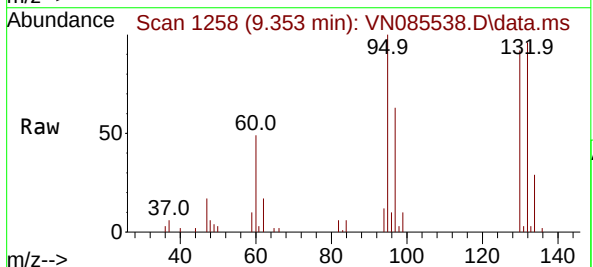


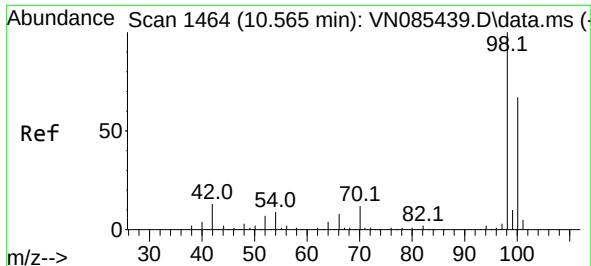
Tgt Ion:117 Resp: 18262
Ion Ratio Lower Upper
117 100
119 5.7 75.4 113.2#
121 0.0 24.6 37.0#



#44
Trichloroethene
Concen: 12.946 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085538.D
Acq: 28 Jan 2025 15:01

Tgt Ion:130 Resp: 27023
Ion Ratio Lower Upper
130 100
95 109.0 0.0 195.8

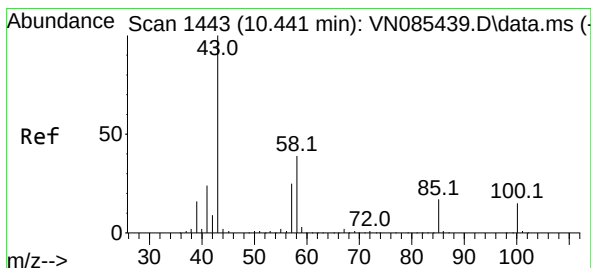
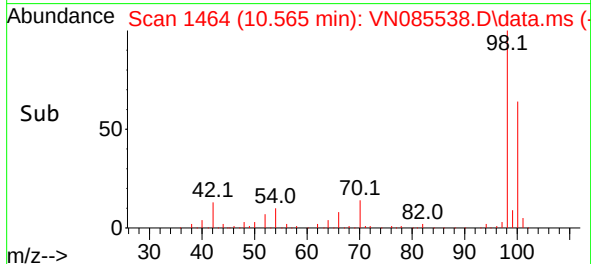
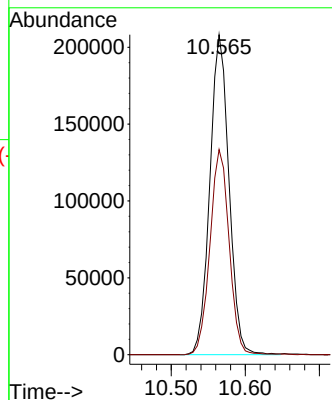
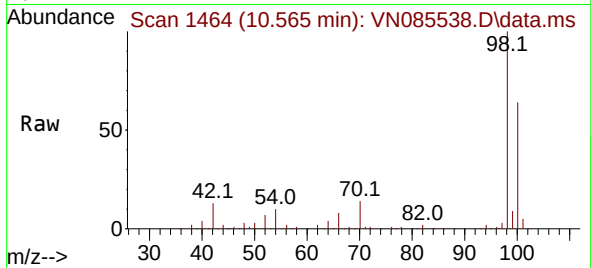




#50
Toluene-d8
Concen: 49.377 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085538.D
Acq: 28 Jan 2025 15:01

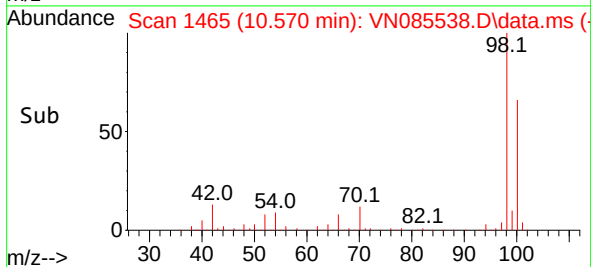
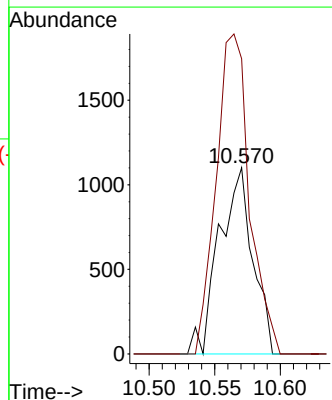
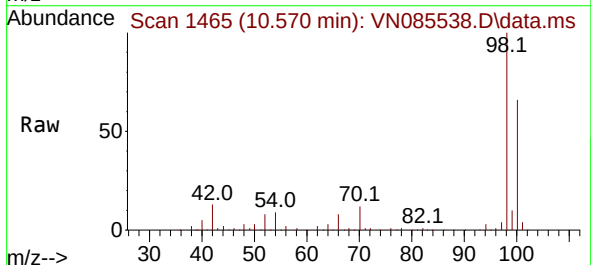
Instrument :
MSVOA_N
ClientSampleId :

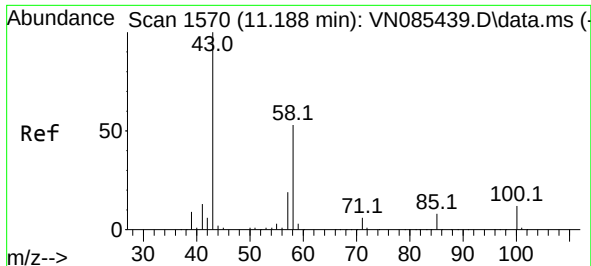
Tgt Ion: 98 Resp: 373062
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.698 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.129 min
Lab File: VN085538.D
Acq: 28 Jan 2025 15:01

Tgt Ion: 43 Resp: 1956
Ion Ratio Lower Upper
43 100
58 171.2 30.5 45.7#

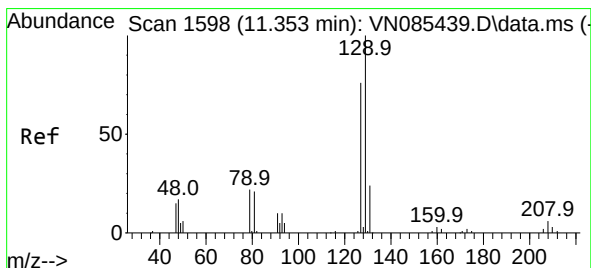
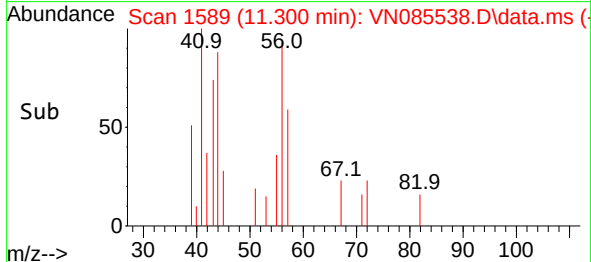
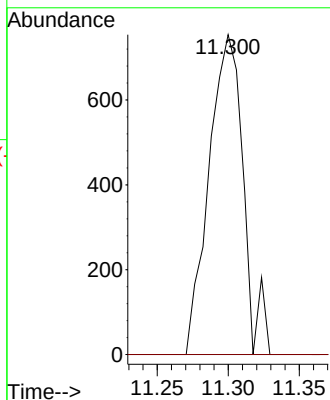
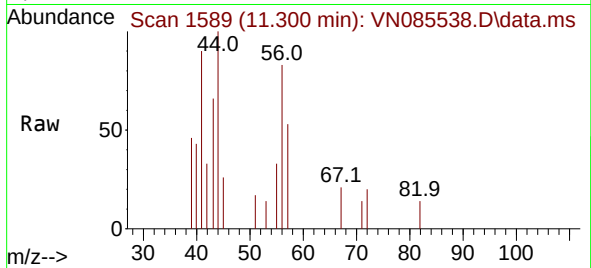




#59
2-Hexanone
Concen: 0.641 ug/l
RT: 11.300 min Scan# 11556
Delta R.T. 0.112 min
Lab File: VN085538.D
Acq: 28 Jan 2025 15:01

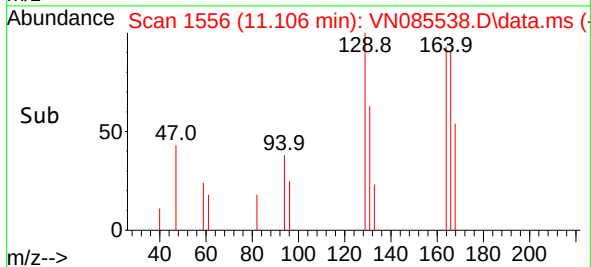
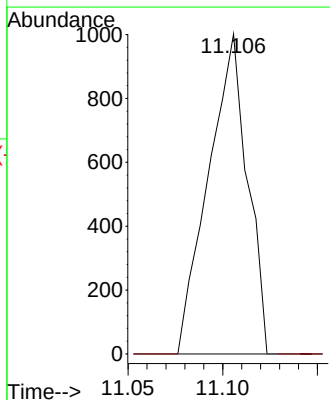
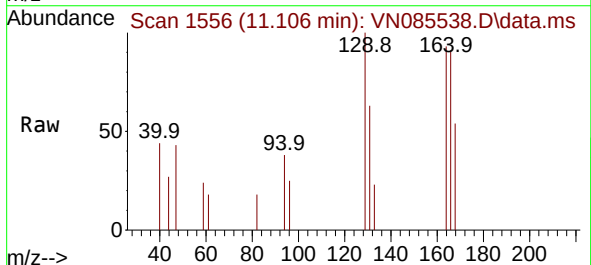
Instrument :
MSVOA_N
ClientSampleId :

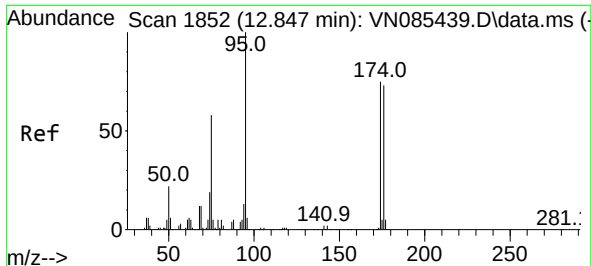
Tgt Ion: 43 Resp: 1263
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.6#



#60
Dibromochloromethane
Concen: 0.577 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.247 min
Lab File: VN085538.D
Acq: 28 Jan 2025 15:01

Tgt Ion:129 Resp: 1432
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

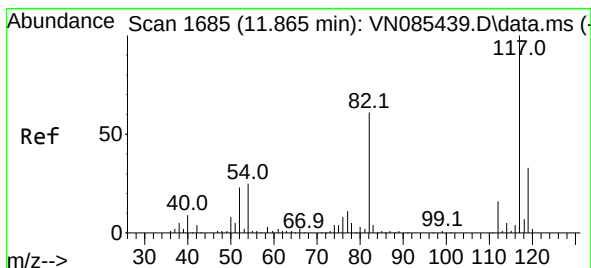
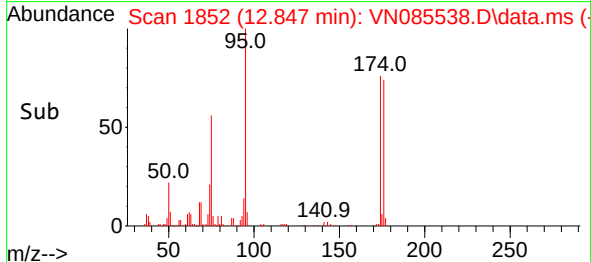
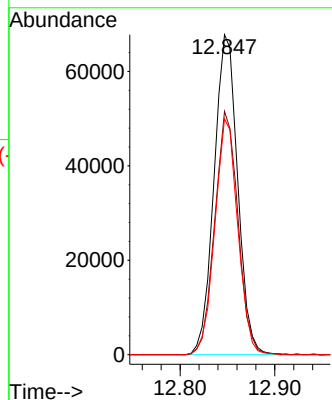
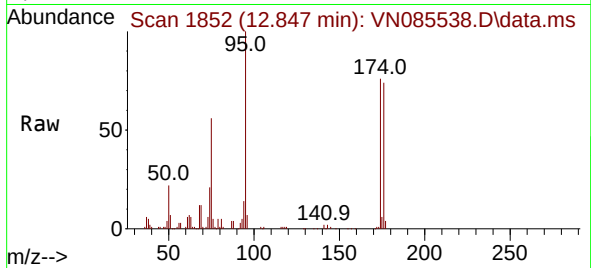




#62
4-Bromofluorobenzene
Concen: 45.434 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085538.D
Acq: 28 Jan 2025 15:01

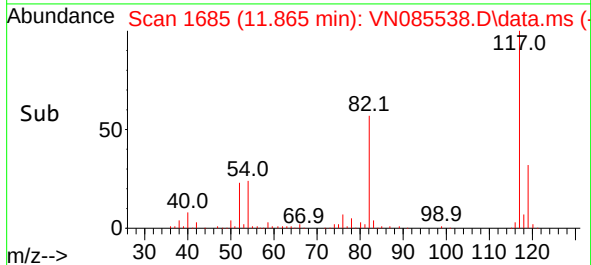
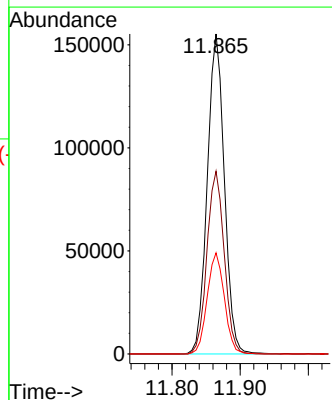
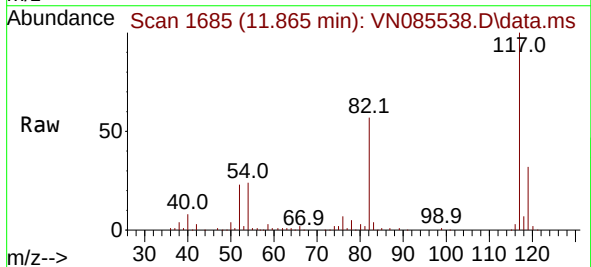
Instrument :
MSVOA_N
ClientSampleId :

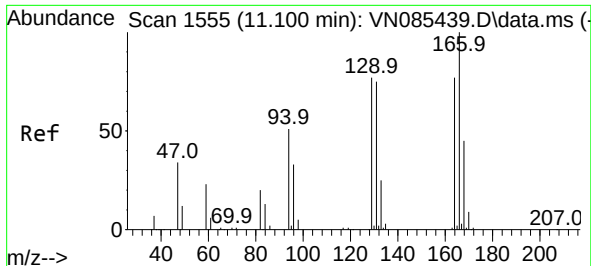
Tgt Ion: 95 Resp: 117423
Ion Ratio Lower Upper
95 100
174 75.0 0.0 145.0
176 71.6 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085538.D
Acq: 28 Jan 2025 15:01

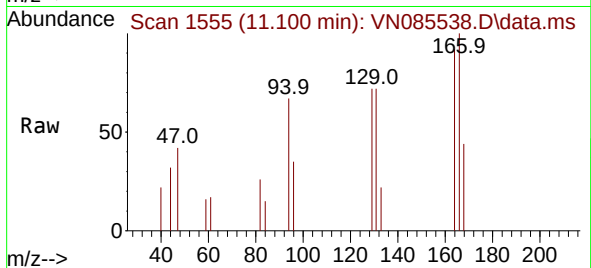
Tgt Ion: 117 Resp: 270799
Ion Ratio Lower Upper
117 100
82 57.1 48.6 72.8
119 31.6 26.6 39.8



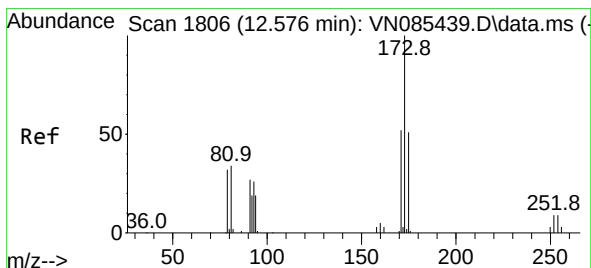
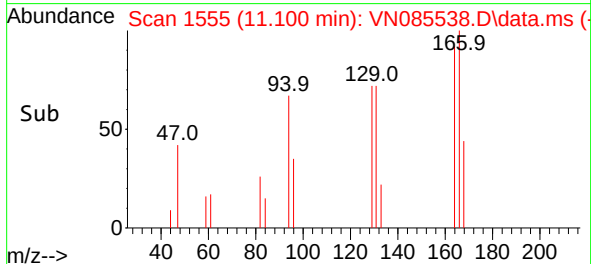
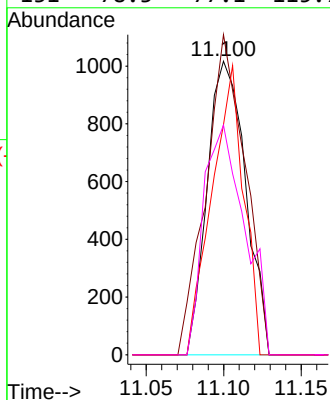


#64
Tetrachloroethene
Concen: 0.948 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085538.D
Acq: 28 Jan 2025 15:01

Instrument :
MSVOA_N
ClientSampleId :

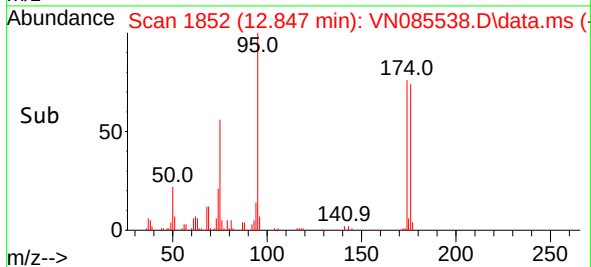
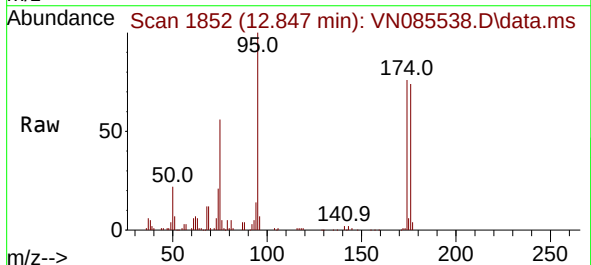
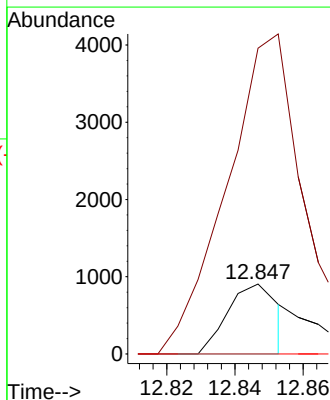


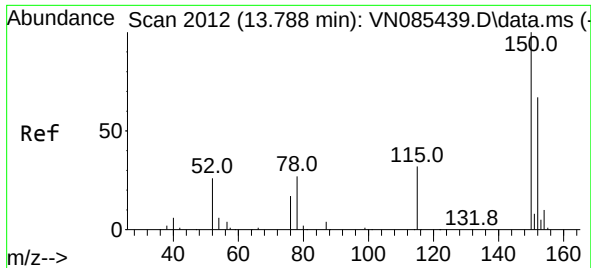
Tgt Ion:164 Resp: 1751
Ion Ratio Lower Upper
164 100
166 109.0 103.4 155.2
129 78.4 79.2 118.8#
131 78.3 77.1 115.7



#71
Bromoform
Concen: 0.600 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.270 min
Lab File: VN085538.D
Acq: 28 Jan 2025 15:01

Tgt Ion:173 Resp: 935
Ion Ratio Lower Upper
173 100
175 0.0 24.4 73.2#
254 0.0 0.0 0.0

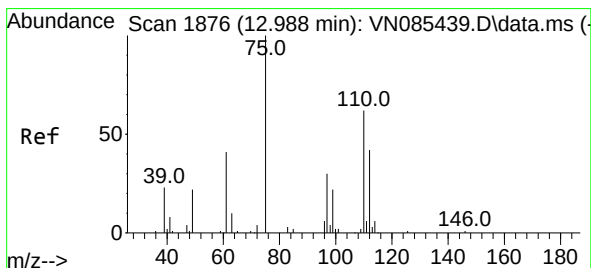
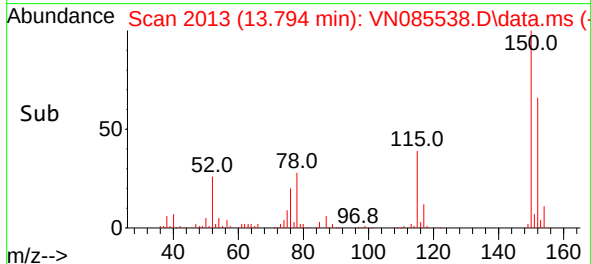
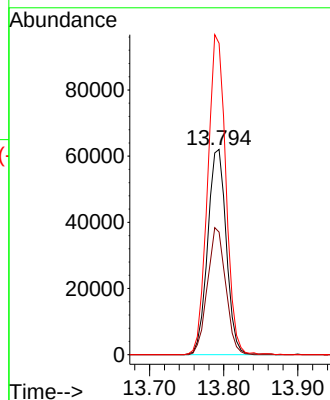
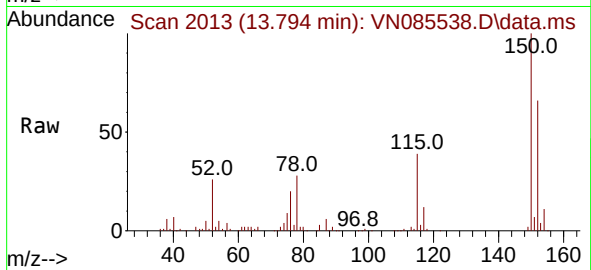




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN085538.D
 Acq: 28 Jan 2025 15:01

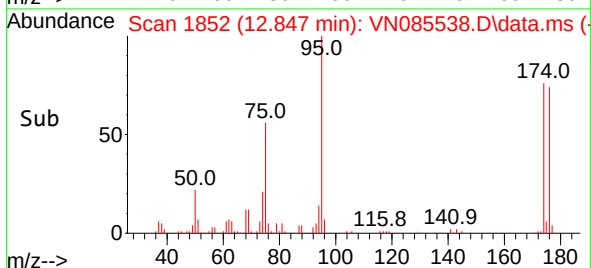
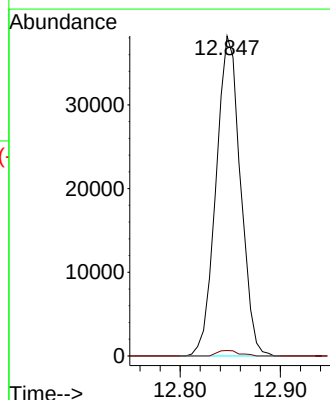
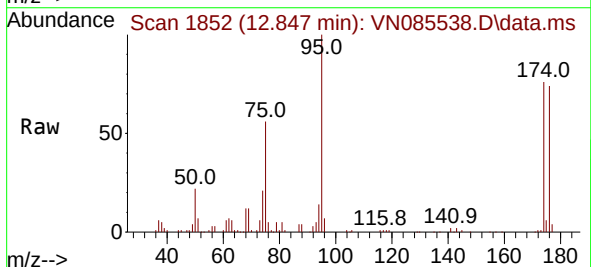
Instrument :
 MSVOA_N
 ClientSampleId :

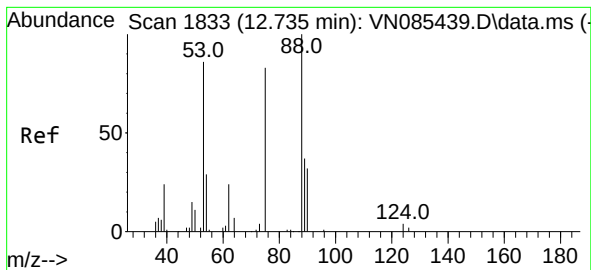
Tgt Ion:152 Resp: 108170
 Ion Ratio Lower Upper
 152 100
 115 60.7 31.1 93.3
 150 152.8 0.0 343.6



#76
 1,2,3-Trichloropropane
 Concen: 29.413 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085538.D
 Acq: 28 Jan 2025 15:01

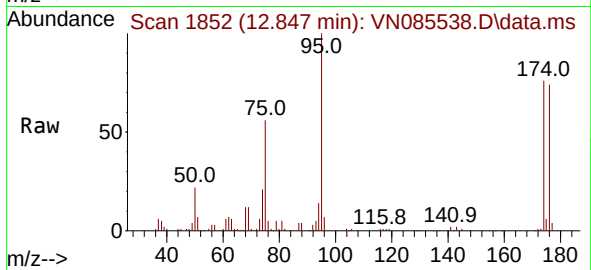
Tgt Ion: 75 Resp: 64667
 Ion Ratio Lower Upper
 75 100
 77 1.5 109.7 329.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.579 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN085538.D
 Acq: 28 Jan 2025 15:01

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 64667
 Ion Ratio Lower Upper
 75 100
 53 0.1 95.6 143.4#
 89 0.0 37.0 55.6#

