

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010925\
 Data File : VN085403.D
 Acq On : 09 Jan 2025 12:43
 Operator : JC\MD
 Sample : VN0109WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 10 00:16:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

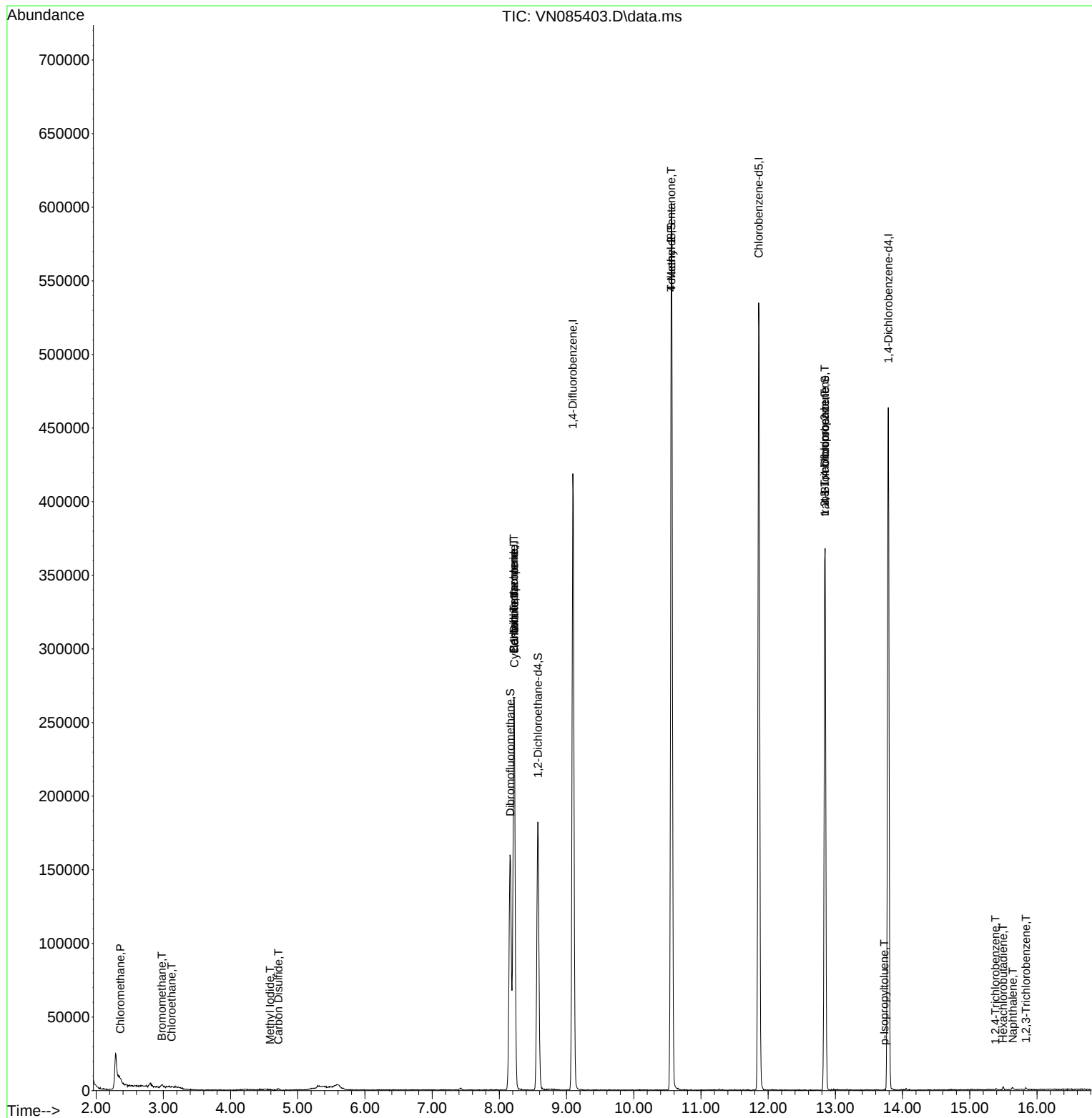
Internal Standards						
1) Pentafluorobenzene	8.218	168	182405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	342003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	292931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	150556	57.870	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 115.740%		
35) Dibromofluoromethane	8.165	113	115178	53.983	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 107.960%		
50) Toluene-d8	10.559	98	408966	52.235	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.460%		
62) 4-Bromofluorobenzene	12.847	95	123089	47.338	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 94.680%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	933	0.337	ug/l #	43
5) Bromomethane	2.977	94	896	0.467	ug/l	94
6) Chloroethane	3.124	64	438	0.236	ug/l #	45
10) Methyl Iodide	4.589	142	539	0.212	ug/l #	40
17) Carbon Disulfide	4.712	76	2126	0.345	ug/l #	75
31) Cyclohexane	8.224	56	5259	1.368	ug/l #	49
36) 1,1-Dichloropropene	8.218	75	17612	5.638	ug/l #	50
38) Carbon Tetrachloride	8.218	117	20702	6.080	ug/l #	16
51) 4-Methyl-2-Pentanone	10.559	43	2116	0.736	ug/l #	1
76) 1,2,3-Trichloropropane	12.841	75	70443	31.677	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.841	75	70443	75.861	ug/l #	10
86) p-Isopropyltoluene	13.729	119	72	0.202	ug/l #	51
93) 1,2,4-Trichlorobenzene	15.382	180	450	0.246	ug/l #	76
94) Hexachlorobutadiene	15.494	225	431	0.474	ug/l	91
95) Naphthalene	15.641	128	2104	0.339	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.835	180	384	0.210	ug/l	62

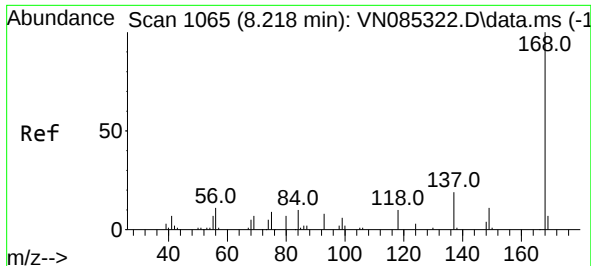
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010925\
Data File : VN085403.D
Acq On : 09 Jan 2025 12:43
Operator : JC\MD
Sample : VN0109WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

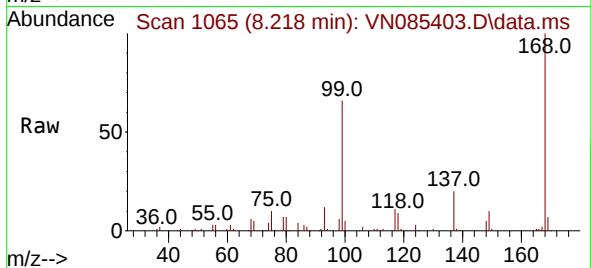
Quant Time: Jan 10 00:16:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
Response via : Initial Calibration



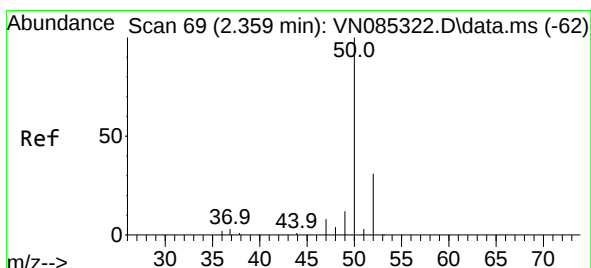
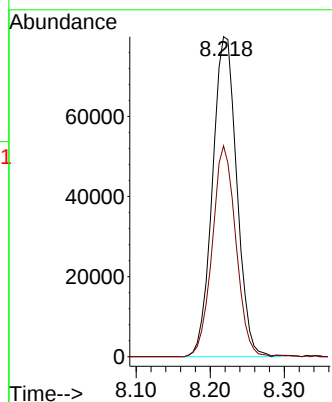
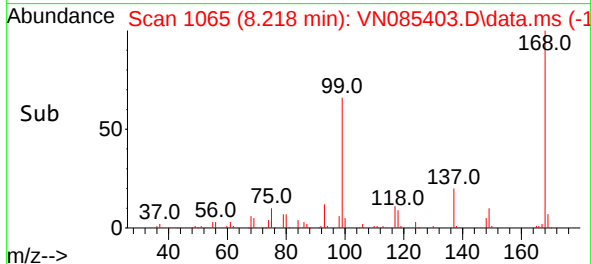


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085403.D
Acq: 09 Jan 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :

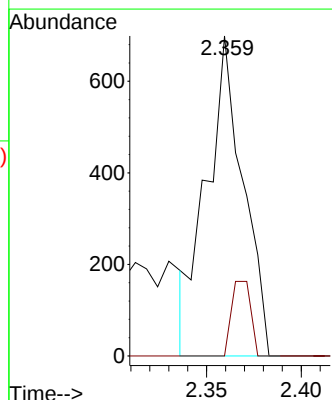
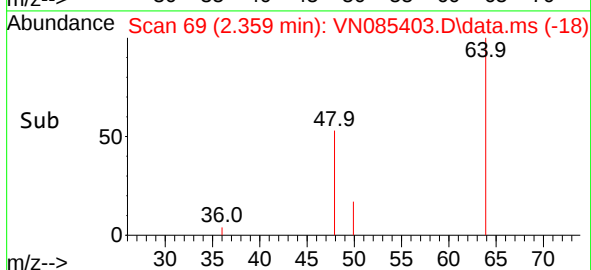
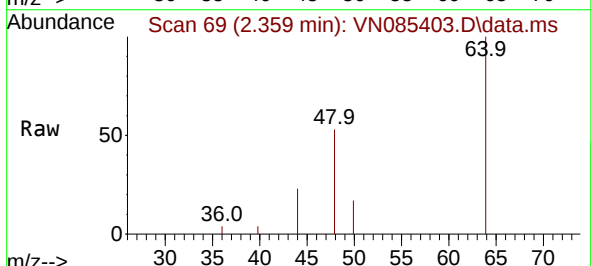


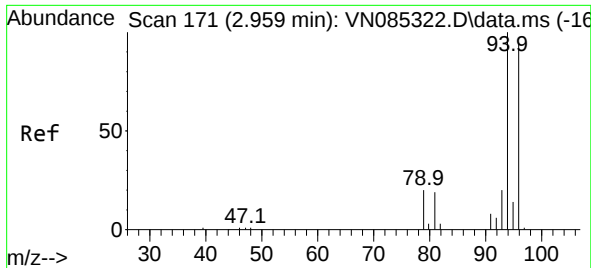
Tgt Ion:168 Resp: 182405
Ion Ratio Lower Upper
168 100
99 65.9 51.0 76.4



#3
Chloromethane
Concen: 0.337 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085403.D
Acq: 09 Jan 2025 12:43

Tgt Ion: 50 Resp: 933
Ion Ratio Lower Upper
50 100
52 0.0 25.1 37.7#

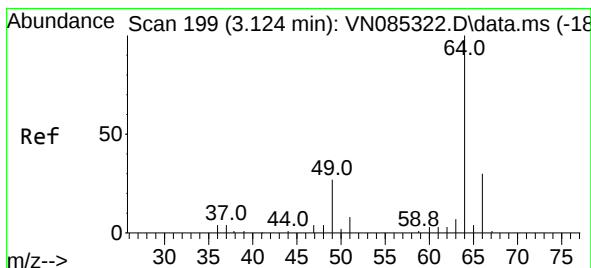
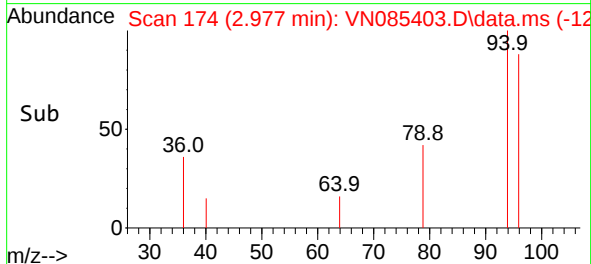
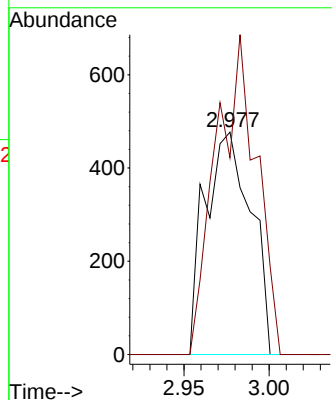
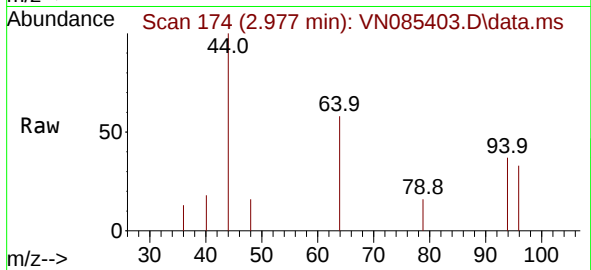




#5
Bromomethane
Concen: 0.467 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.018 min
Lab File: VN085403.D
Acq: 09 Jan 2025 12:43

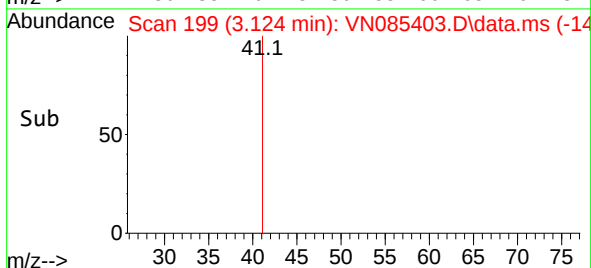
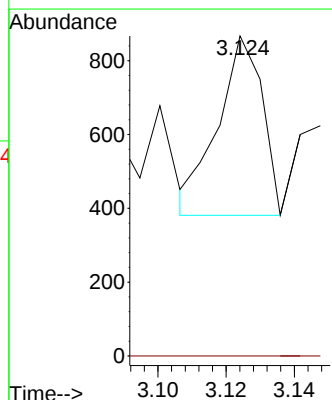
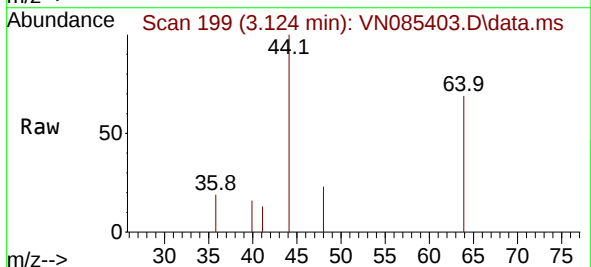
Instrument :
MSVOA_N
ClientSampleId :

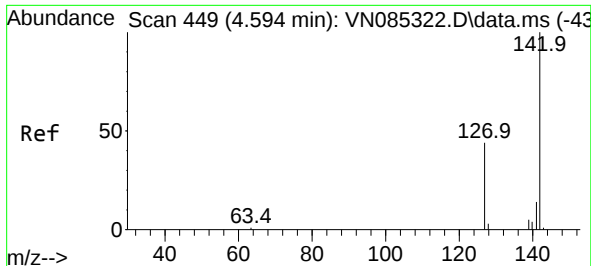
Tgt Ion: 94 Resp: 896
Ion Ratio Lower Upper
94 100
96 88.5 75.2 112.8



#6
Chloroethane
Concen: 0.236 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN085403.D
Acq: 09 Jan 2025 12:43

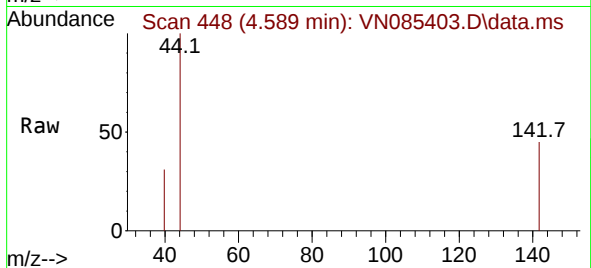
Tgt Ion: 64 Resp: 438
Ion Ratio Lower Upper
64 100
66 0.0 24.1 36.1#



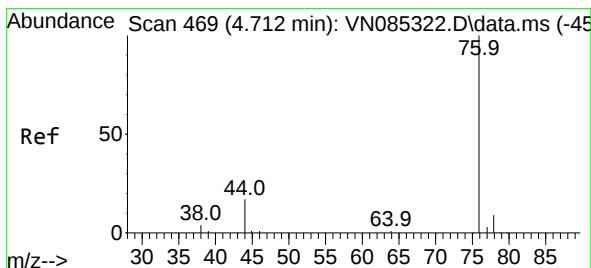
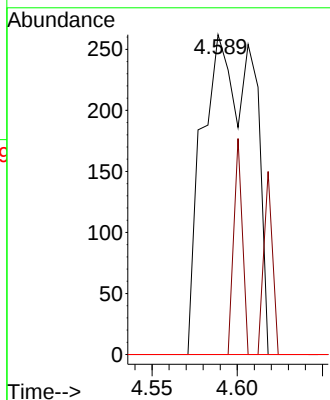
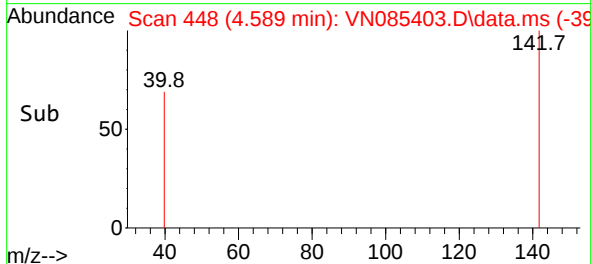


#10
Methyl Iodide
Concen: 0.212 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN085403.D
Acq: 09 Jan 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :

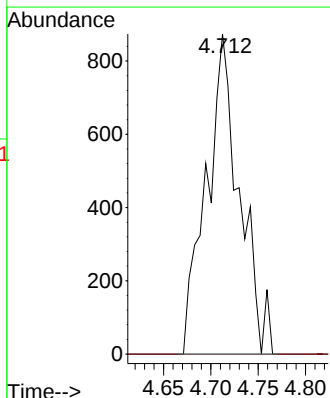
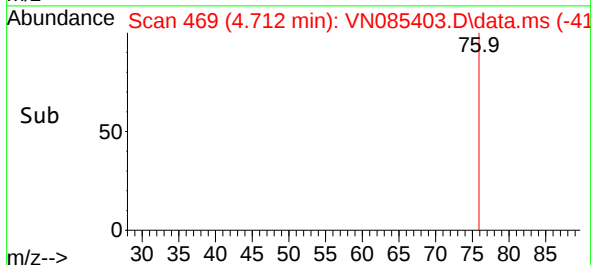
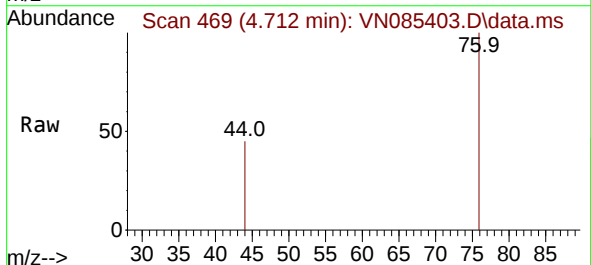


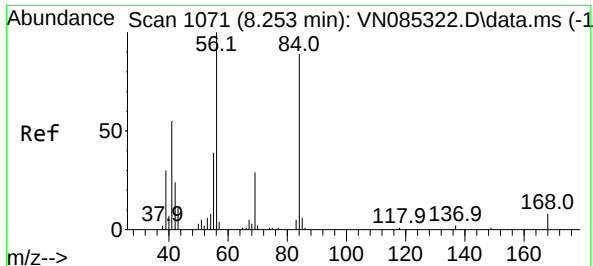
Tgt Ion:142 Resp: 539
Ion Ratio Lower Upper
142 100
127 0.0 35.3 52.9#
141 0.0 11.5 17.3#



#17
Carbon Disulfide
Concen: 0.345 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085403.D
Acq: 09 Jan 2025 12:43

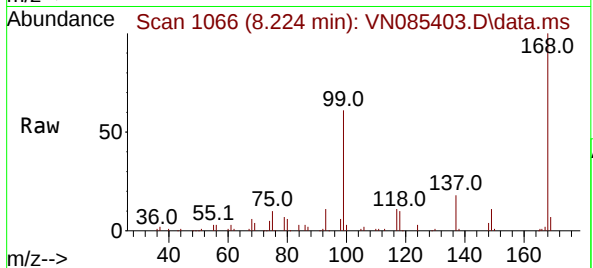
Tgt Ion: 76 Resp: 2126
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



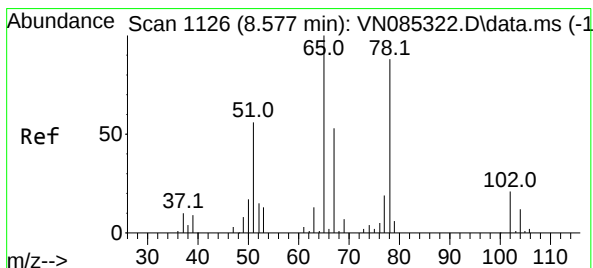
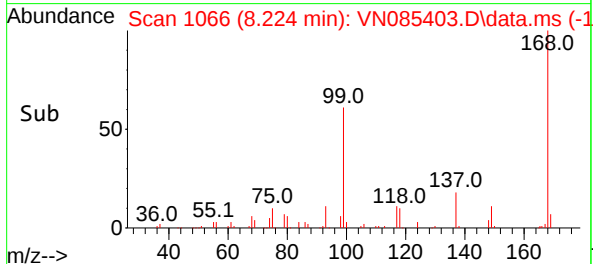
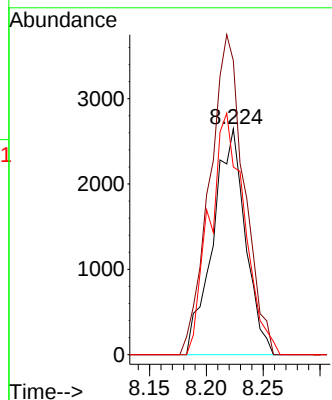


#31
Cyclohexane
Concen: 1.368 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085403.D
Acq: 09 Jan 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :

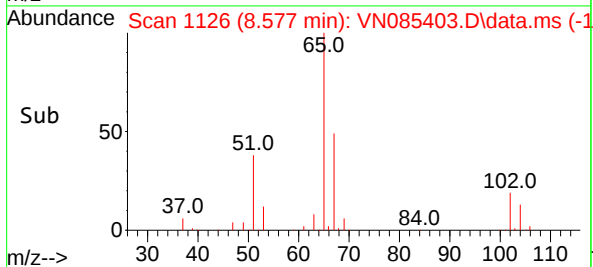
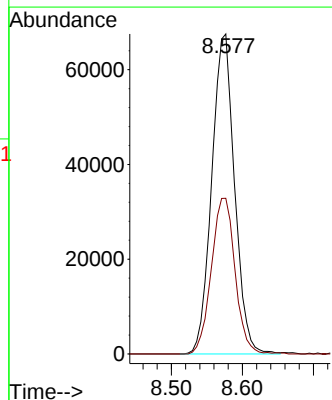
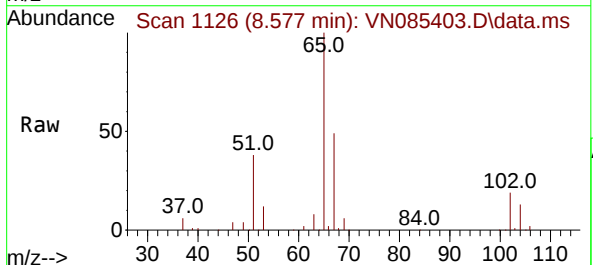


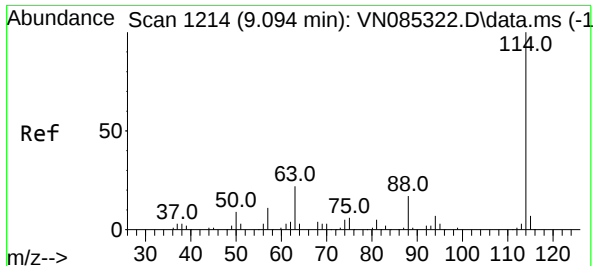
Tgt Ion: 56 Resp: 5259
Ion Ratio Lower Upper
56 100
69 130.2 23.4 35.0#
84 83.1 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 57.870 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085403.D
Acq: 09 Jan 2025 12:43

Tgt Ion: 65 Resp: 150556
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085403.D

Acq: 09 Jan 2025 12:43

Instrument :

MSVOA_N

ClientSampleId :

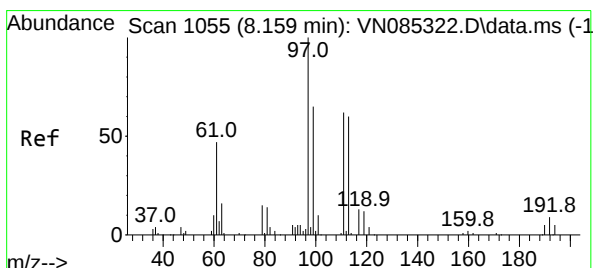
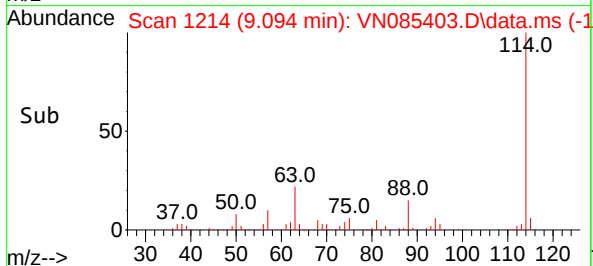
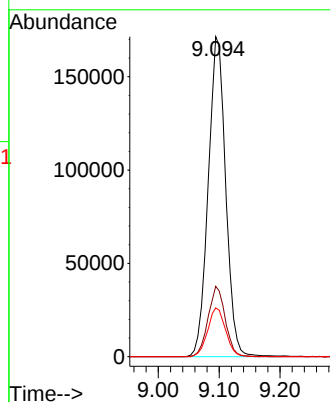
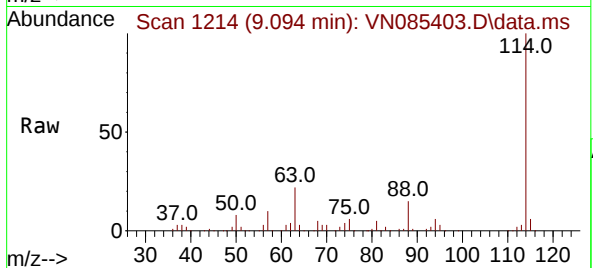
Tgt Ion:114 Resp: 342003

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.4

88 15.2 0.0 33.6



#35

Dibromofluoromethane

Concen: 53.983 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085403.D

Acq: 09 Jan 2025 12:43

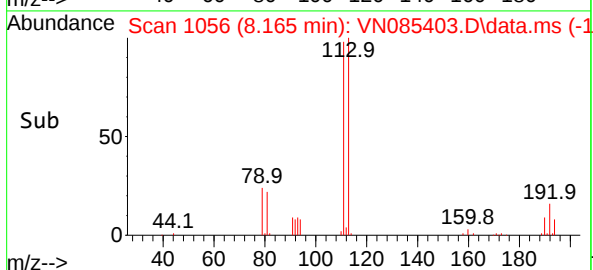
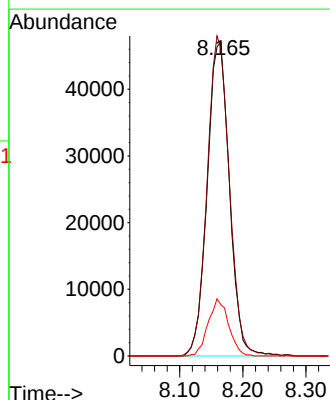
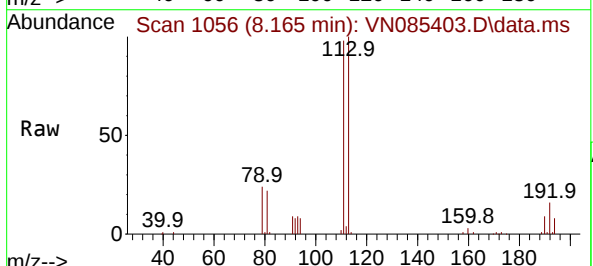
Tgt Ion:113 Resp: 115178

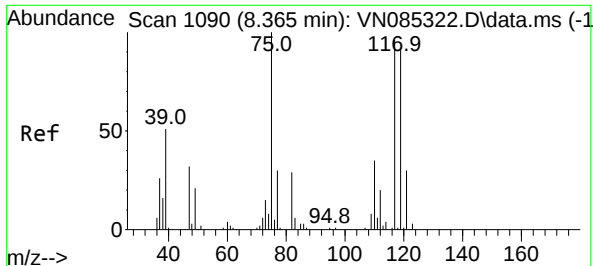
Ion Ratio Lower Upper

113 100

111 101.9 80.5 120.7

192 16.8 12.9 19.3





#36

1,1-Dichloropropene

Concen: 5.638 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085403.D

Acq: 09 Jan 2025 12:43

Instrument :

MSVOA_N

ClientSampleId :

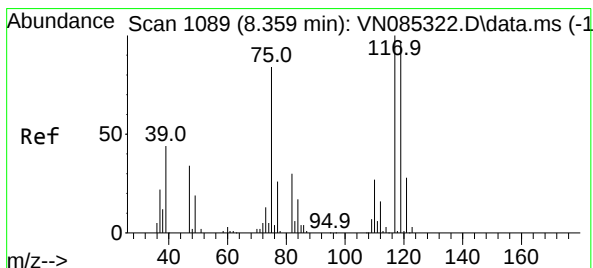
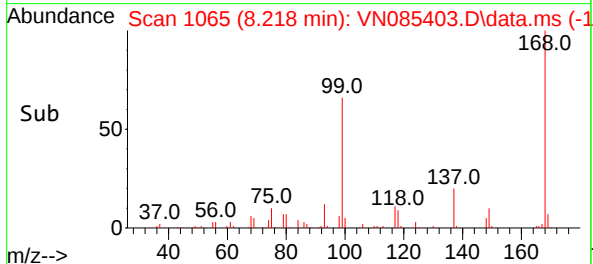
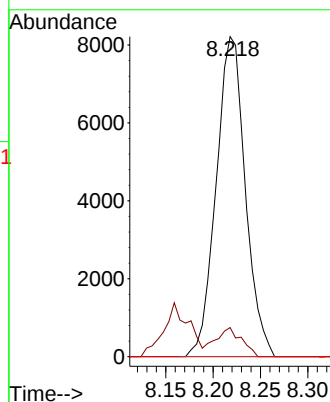
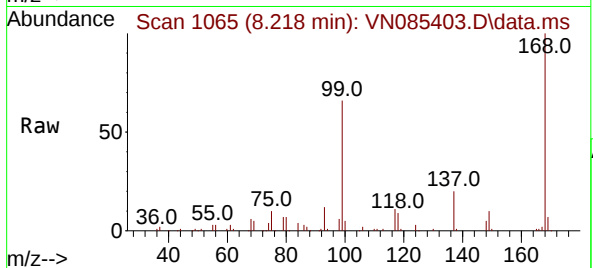
Tgt Ion: 75 Resp: 17612

Ion Ratio Lower Upper

75 100

110 7.5 16.6 49.8#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.080 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN085403.D

Acq: 09 Jan 2025 12:43

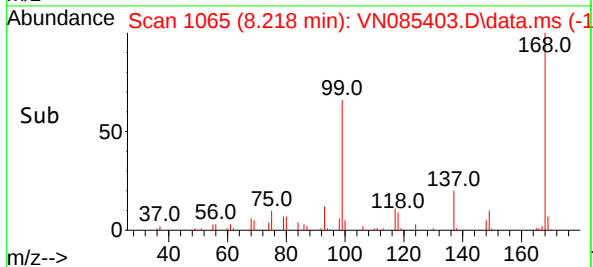
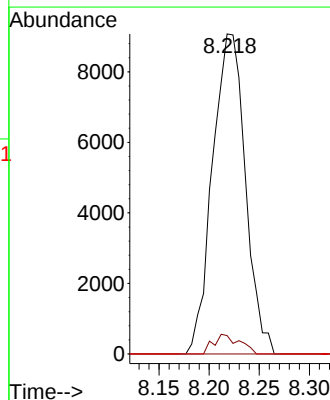
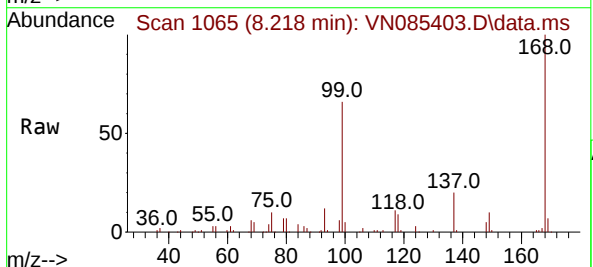
Tgt Ion: 117 Resp: 20702

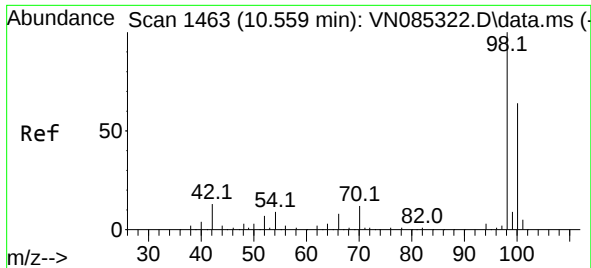
Ion Ratio Lower Upper

117 100

119 5.8 77.8 116.6#

121 0.0 22.5 33.7#

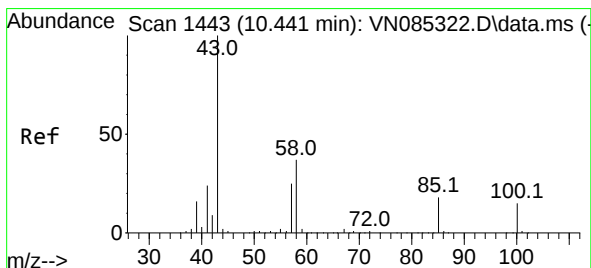
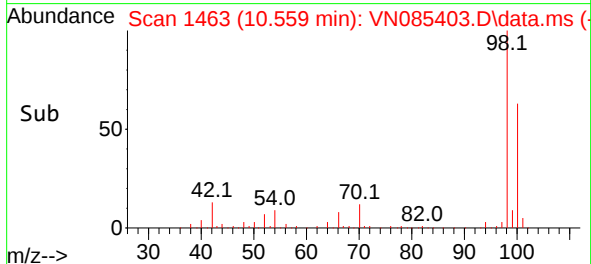
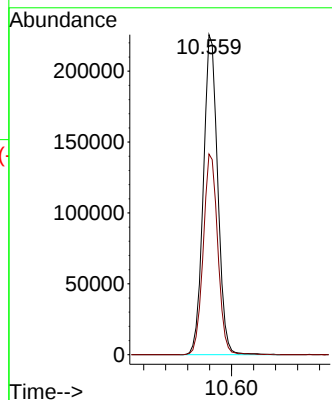
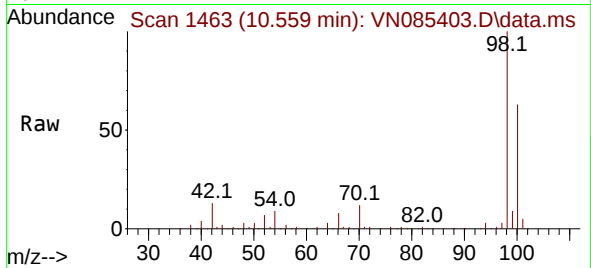




#50
Toluene-d8
Concen: 52.235 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.000 min
Lab File: VN085403.D
Acq: 09 Jan 2025 12:43

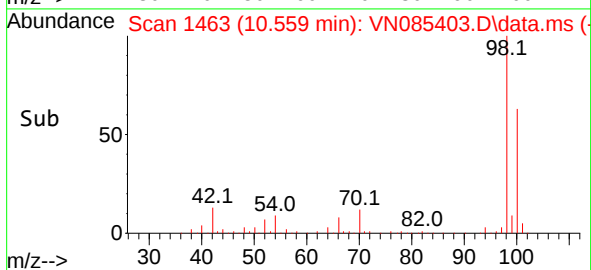
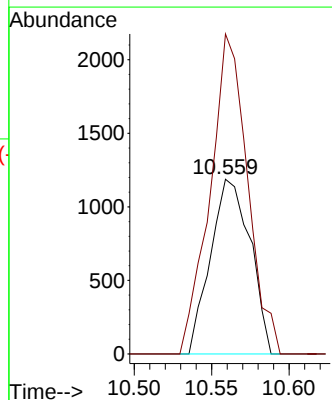
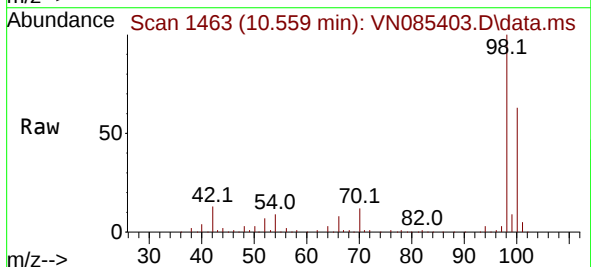
Instrument :
MSVOA_N
ClientSampleId :

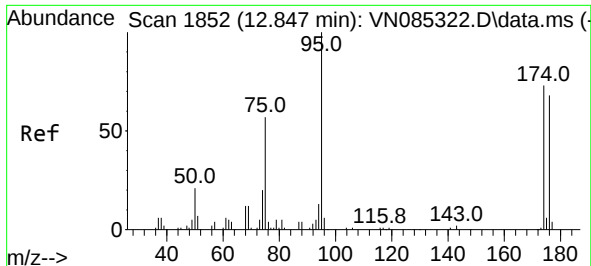
Tgt Ion: 98 Resp: 408966
Ion Ratio Lower Upper
98 100
100 63.4 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.736 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.118 min
Lab File: VN085403.D
Acq: 09 Jan 2025 12:43

Tgt Ion: 43 Resp: 2116
Ion Ratio Lower Upper
43 100
58 172.4 30.3 45.5#

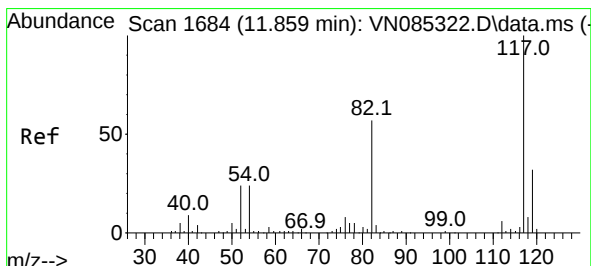
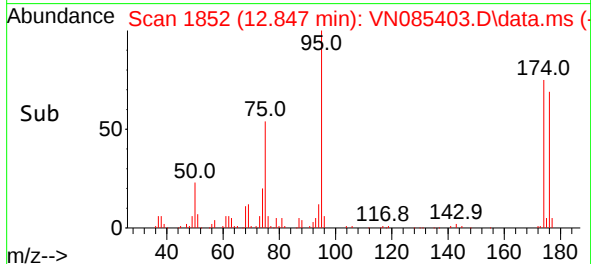
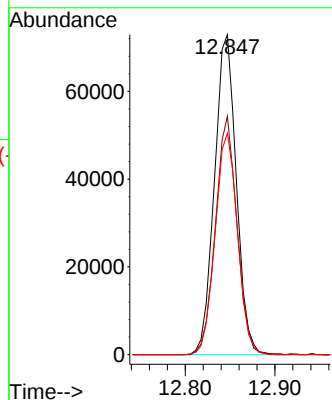
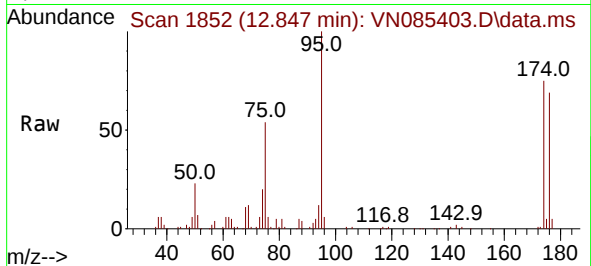




#62
4-Bromofluorobenzene
Concen: 47.338 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085403.D
Acq: 09 Jan 2025 12:43

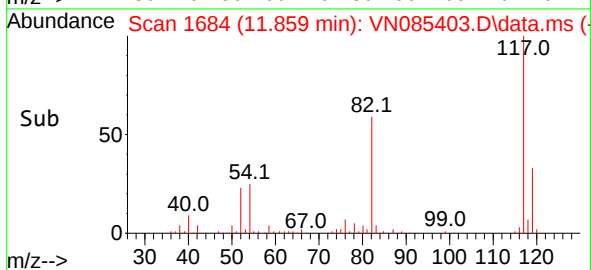
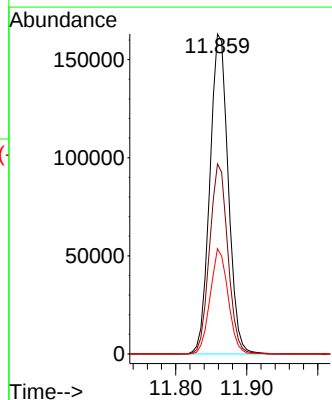
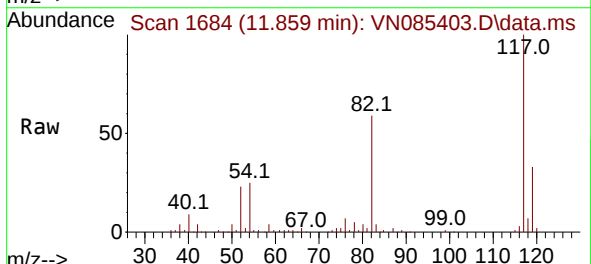
Instrument :
MSVOA_N
ClientSampleId :

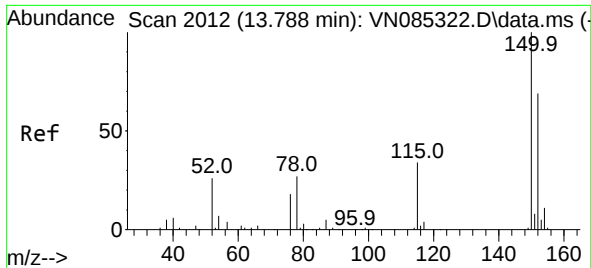
Tgt Ion: 95 Resp: 123089
Ion Ratio Lower Upper
95 100
174 73.7 0.0 143.2
176 70.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VN085403.D
Acq: 09 Jan 2025 12:43

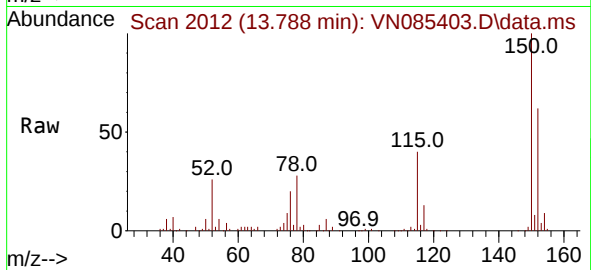
Tgt Ion: 117 Resp: 292931
Ion Ratio Lower Upper
117 100
82 59.4 45.7 68.5
119 32.9 25.8 38.8



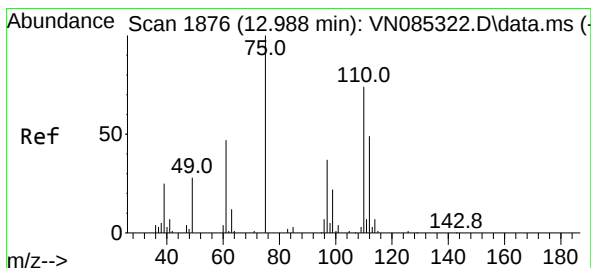
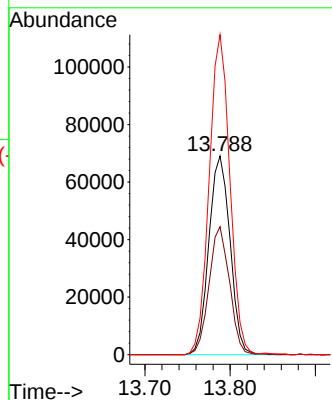
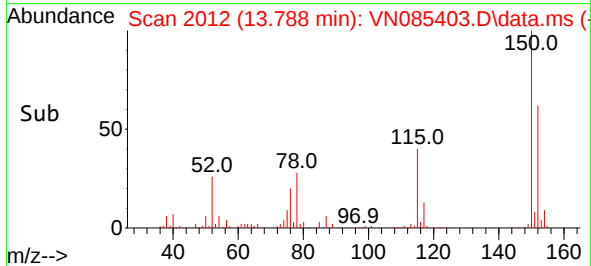


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085403.D
 Acq: 09 Jan 2025 12:43

Instrument :
 MSVOA_N
 ClientSampleId :

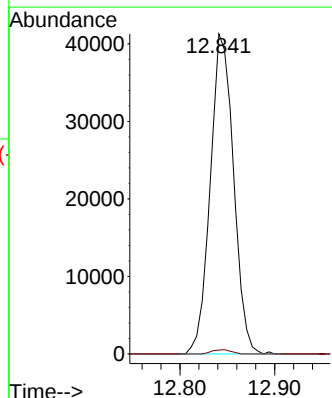
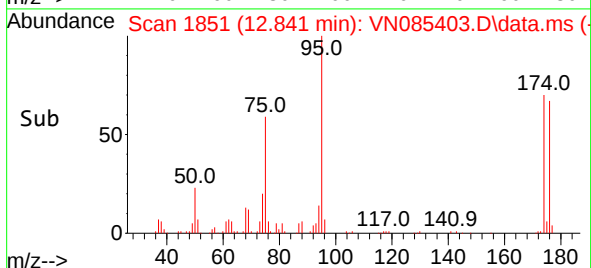
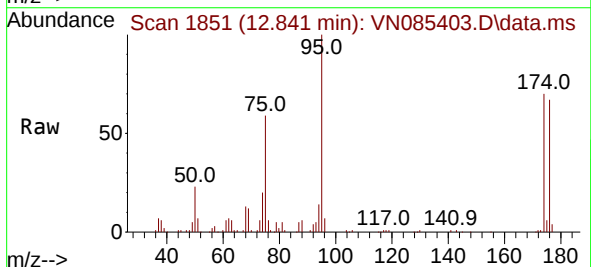


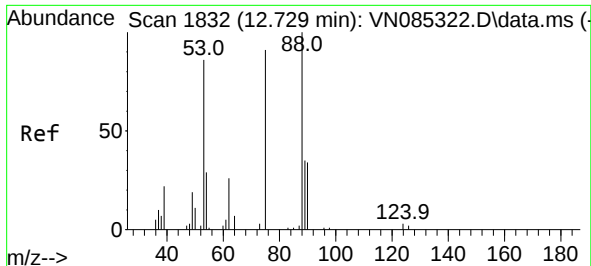
Tgt Ion:152 Resp: 119086
 Ion Ratio Lower Upper
 152 100
 115 62.4 30.4 91.3
 150 157.1 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 31.677 ug/l
 RT: 12.841 min Scan# 1851
 Delta R.T. -0.147 min
 Lab File: VN085403.D
 Acq: 09 Jan 2025 12:43

Tgt Ion: 75 Resp: 70443
 Ion Ratio Lower Upper
 75 100
 77 1.1 98.1 294.3#

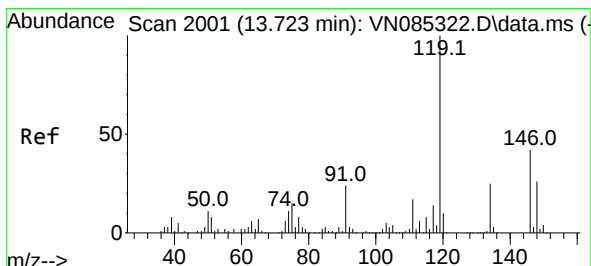
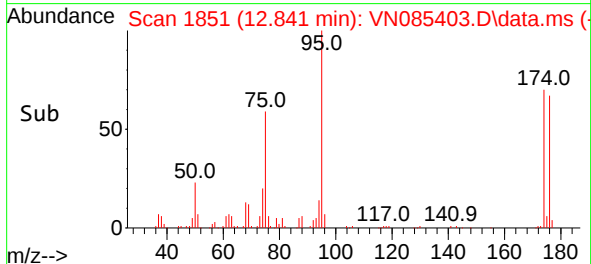
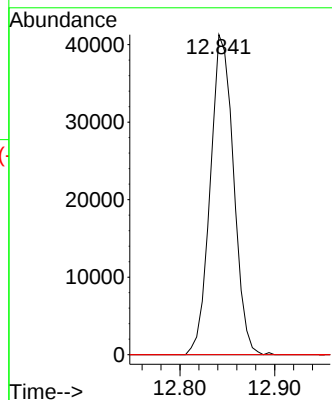
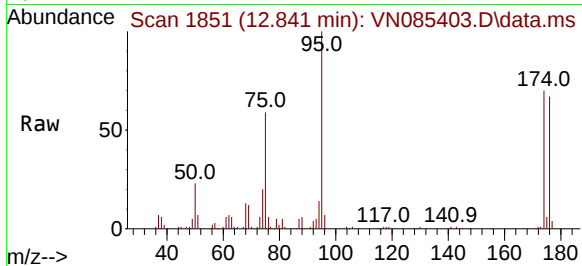




#81
trans-1,4-Dichloro-2-butene
Concen: 75.861 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.112 min
Lab File: VN085403.D
Acq: 09 Jan 2025 12:43

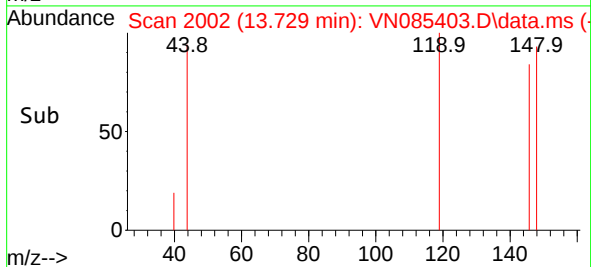
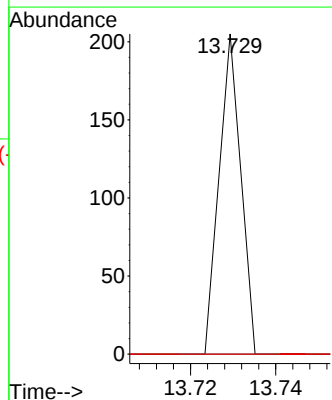
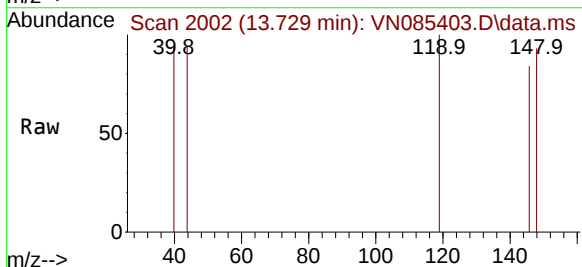
Instrument :
MSVOA_N
ClientSampleId :

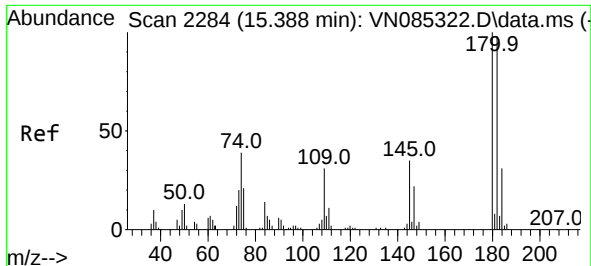
Tgt Ion: 75 Resp: 70443
Ion Ratio Lower Upper
75 100
53 0.0 80.0 120.0#
89 0.0 35.8 53.8#



#86
p-Isopropyltoluene
Concen: 0.202 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085403.D
Acq: 09 Jan 2025 12:43

Tgt Ion: 119 Resp: 72
Ion Ratio Lower Upper
119 100
134 0.0 12.5 37.5#
91 0.0 12.2 36.4#

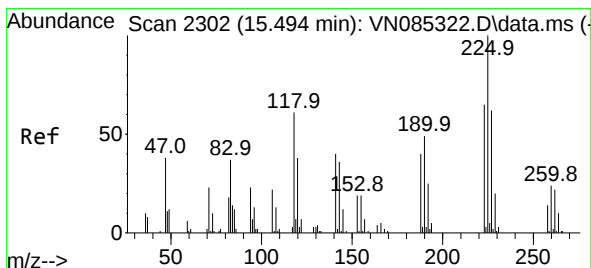
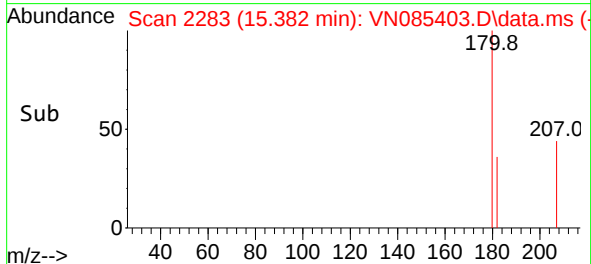
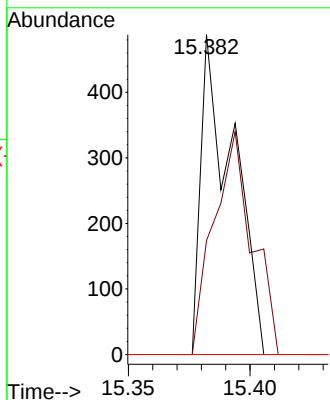
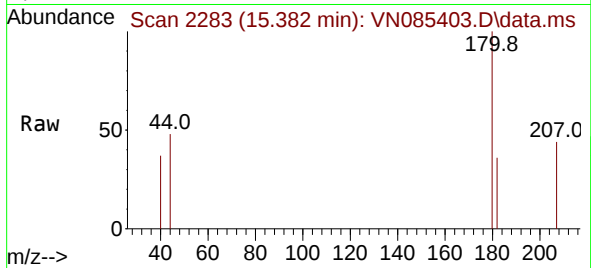




#93
 1,2,4-Trichlorobenzene
 Concen: 0.246 ug/l
 RT: 15.382 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN085403.D
 Acq: 09 Jan 2025 12:43

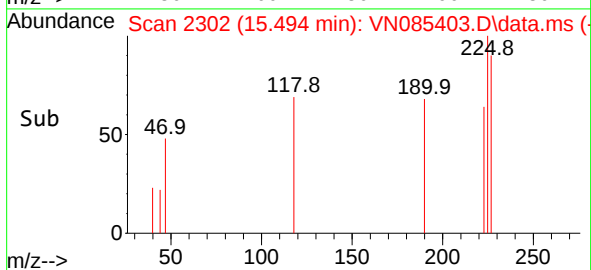
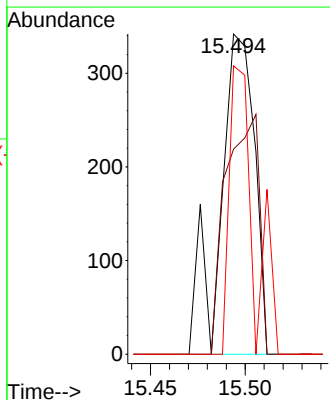
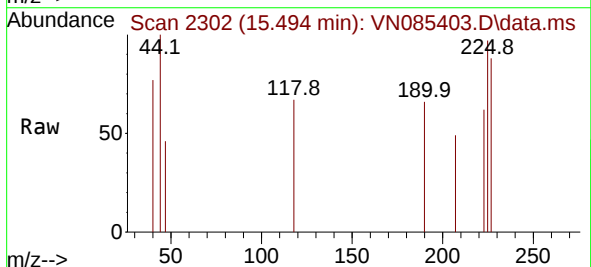
Instrument :
 MSVOA_N
 ClientSampleId :

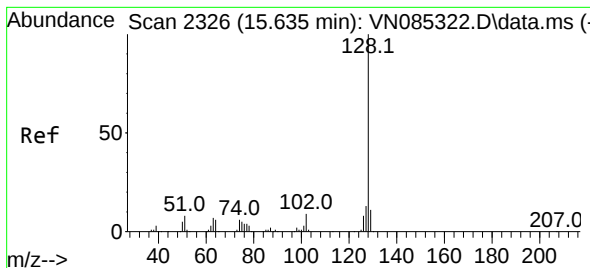
Tgt Ion:180 Resp: 450
 Ion Ratio Lower Upper
 180 100
 182 83.3 47.2 141.6
 145 0.0 16.6 49.8#



#94
 Hexachlorobutadiene
 Concen: 0.474 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. 0.000 min
 Lab File: VN085403.D
 Acq: 09 Jan 2025 12:43

Tgt Ion:225 Resp: 431
 Ion Ratio Lower Upper
 225 100
 223 72.9 31.6 94.7
 227 64.0 30.3 91.0





#95

Naphthalene

Concen: 0.339 ug/l

RT: 15.641 min Scan# 2104

Delta R.T. 0.006 min

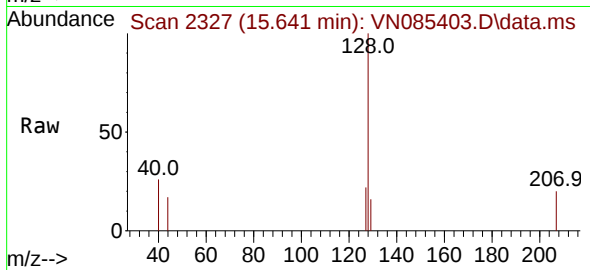
Lab File: VN085403.D

Acq: 09 Jan 2025 12:43

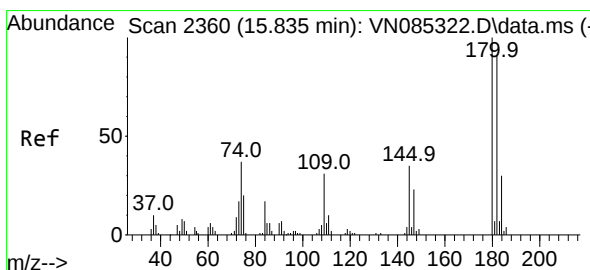
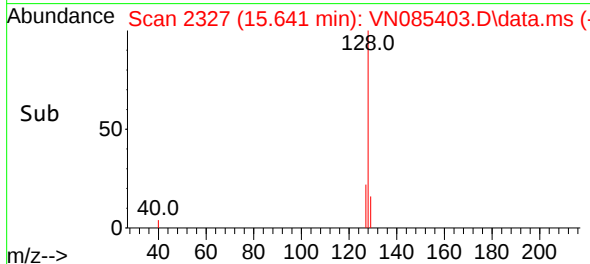
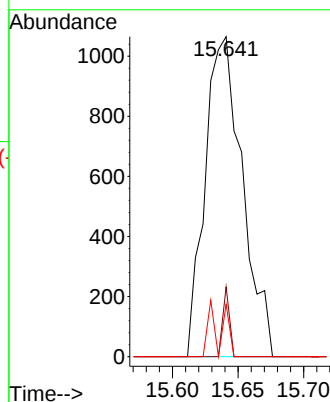
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:128	Resp:	2104
Ion	Ratio	Lower Upper
128	100	
127	3.9	10.6 16.0#
129	6.1	8.5 12.7#



#96

1,2,3-Trichlorobenzene

Concen: 0.210 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085403.D

Acq: 09 Jan 2025 12:43

Tgt Ion:180	Resp:	384
Ion	Ratio	Lower Upper
180	100	
182	133.3	46.8 140.4
145	18.5	17.2 51.6

