

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012125\
 Data File : VN085509.D
 Acq On : 21 Jan 2025 11:45
 Operator : JC\MD
 Sample : VN0121WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 22 00:38:08 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)

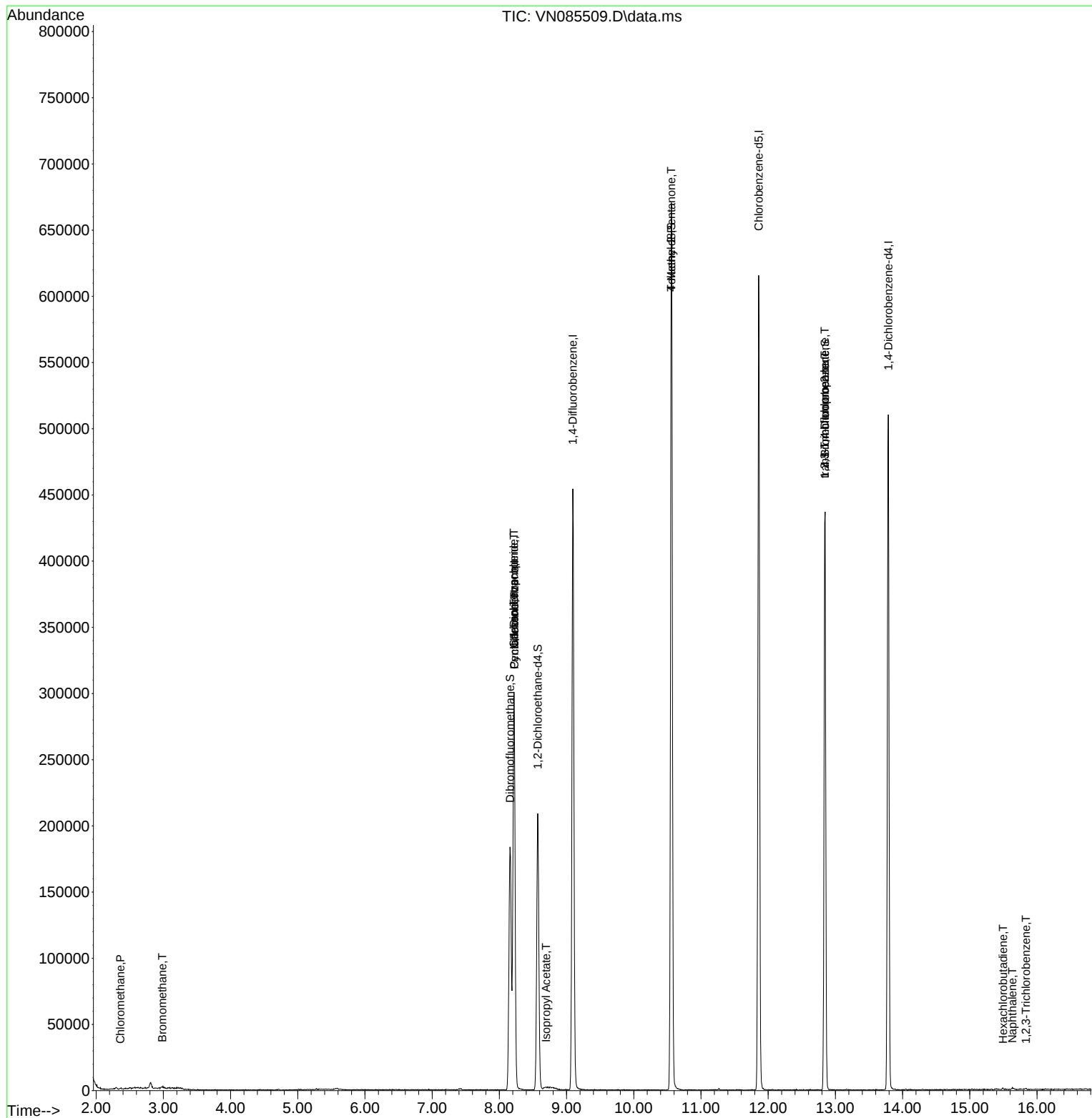
Internal Standards						
1) Pentafluorobenzene	8.224	168	204854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	369982	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	324072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	174486	52.766	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.540%	
35) Dibromofluoromethane	8.159	113	131245	51.132	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.260%	
50) Toluene-d8	10.559	98	451541	49.513	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.020%	
62) 4-Bromofluorobenzene	12.847	95	145903	46.770	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 93.540%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	645	0.215	ug/l #	41
5) Bromomethane	2.983	94	864	0.474	ug/l	93
31) Cyclohexane	8.224	56	5398	1.286	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	19506	5.415	ug/l #	49
38) Carbon Tetrachloride	8.218	117	23557	5.712	ug/l #	17
43) Isopropyl Acetate	8.694	43	1822	0.313	ug/l #	55
51) 4-Methyl-2-Pentanone	10.559	43	2315	0.685	ug/l #	1
76) 1,2,3-Trichloropropane	12.841	75	81735	30.691	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.841	75	81735	83.036	ug/l #	3
94) Hexachlorobutadiene	15.494	225	405	0.387	ug/l #	51
95) Naphthalene	15.635	128	2020	0.343	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.835	180	425	0.213	ug/l #	77

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

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Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
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Quant Time: Jan 22 00:38:08 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

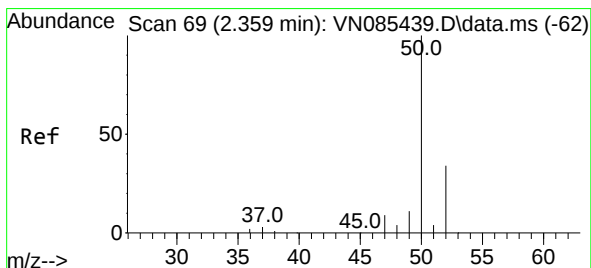
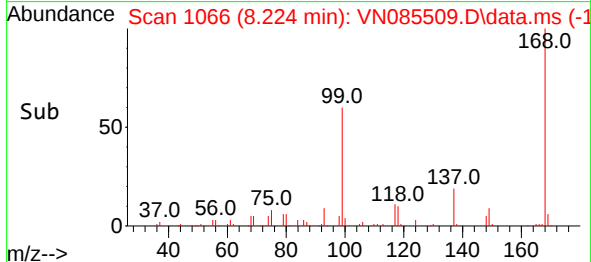
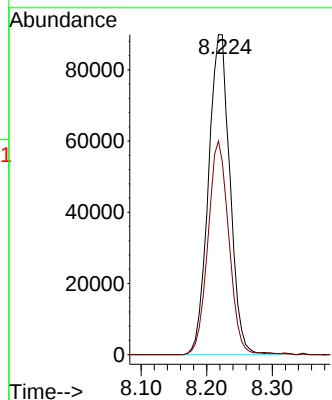
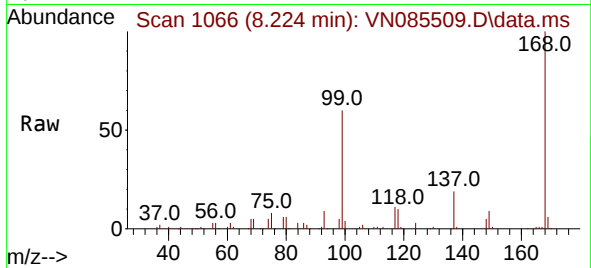




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085509.D
Acq: 21 Jan 2025 11:45

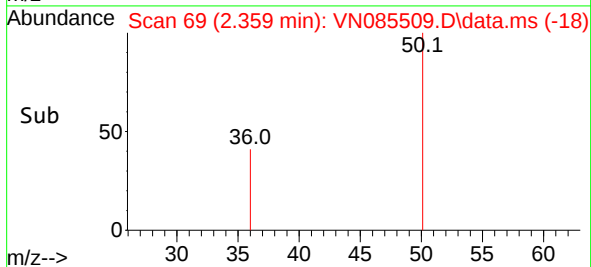
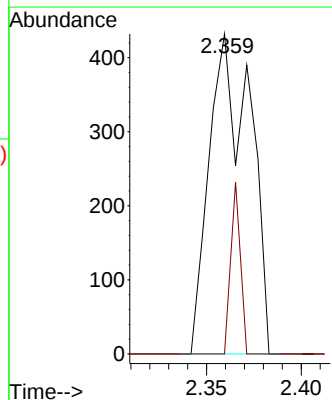
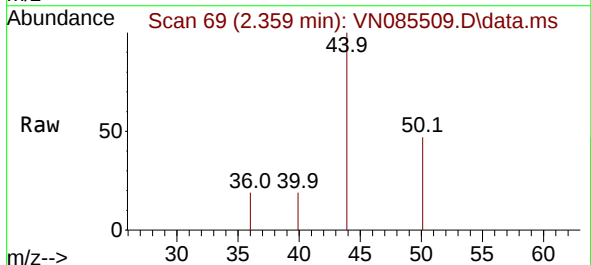
Instrument :
MSVOA_N
ClientSampleId :

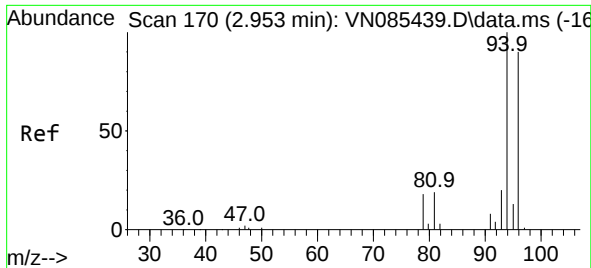
Tgt Ion:168 Resp: 204854
Ion Ratio Lower Upper
168 100
99 60.4 53.6 80.4



#3
Chloromethane
Concen: 0.215 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085509.D
Acq: 21 Jan 2025 11:45

Tgt Ion: 50 Resp: 645
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#

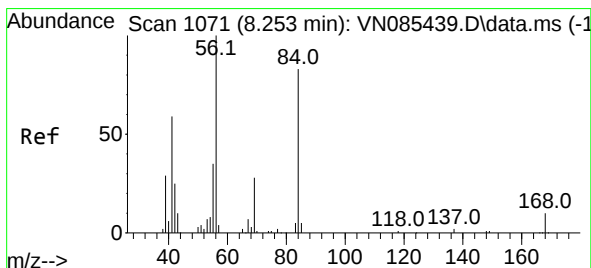
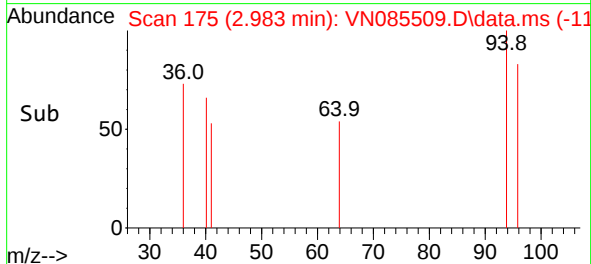
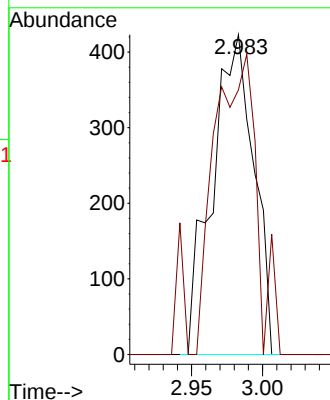
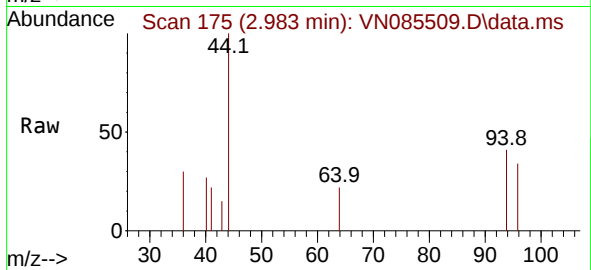




#5
Bromomethane
Concen: 0.474 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN085509.D
Acq: 21 Jan 2025 11:45

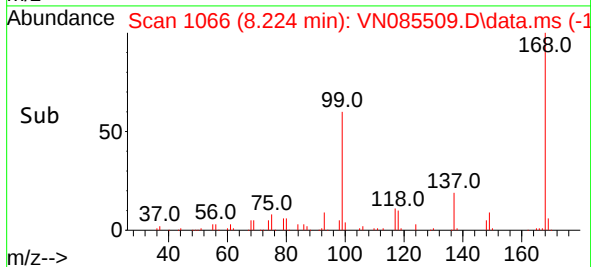
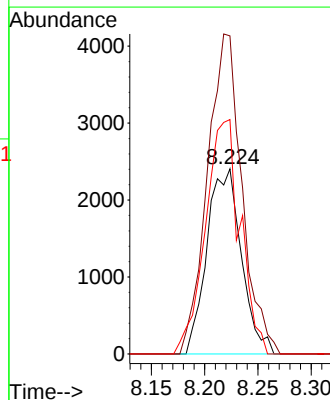
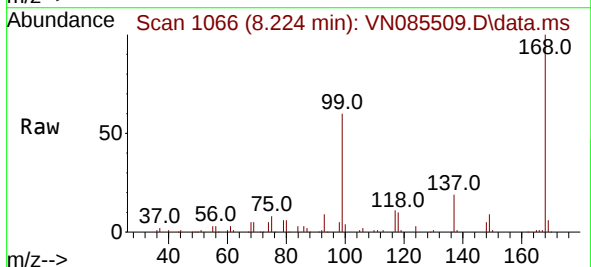
Instrument :
MSVOA_N
ClientSampleId :

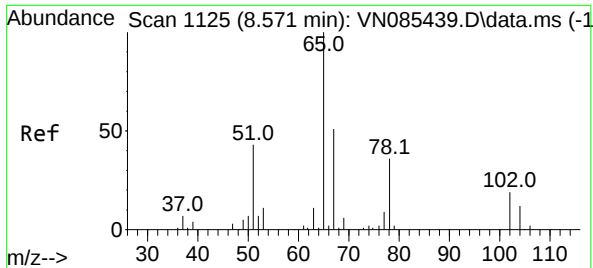
Tgt Ion: 94 Resp: 864
Ion Ratio Lower Upper
94 100
96 82.7 71.8 107.6



#31
Cyclohexane
Concen: 1.286 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085509.D
Acq: 21 Jan 2025 11:45

Tgt Ion: 56 Resp: 5398
Ion Ratio Lower Upper
56 100
69 171.9 22.2 33.4#
84 126.7 66.4 99.6#

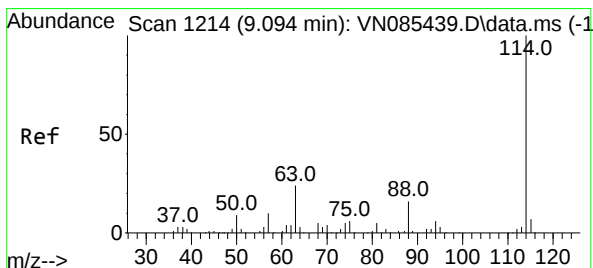
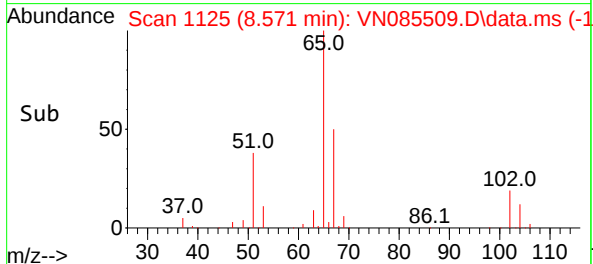
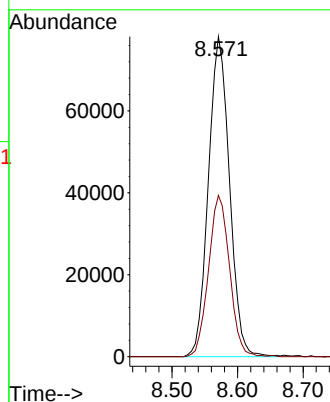
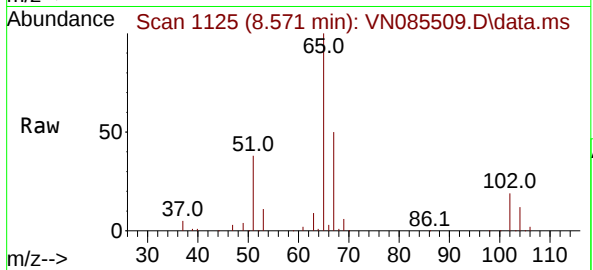




#33
 1,2-Dichloroethane-d4
 Concen: 52.766 ug/l
 RT: 8.571 min Scan# 1125
 Delta R.T. 0.000 min
 Lab File: VN085509.D
 Acq: 21 Jan 2025 11:45

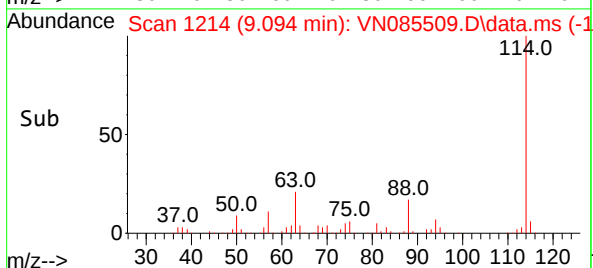
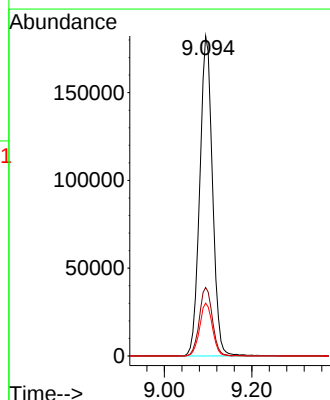
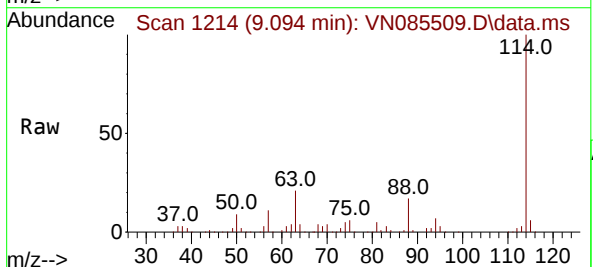
Instrument :
 MSVOA_N
 ClientSampleId :

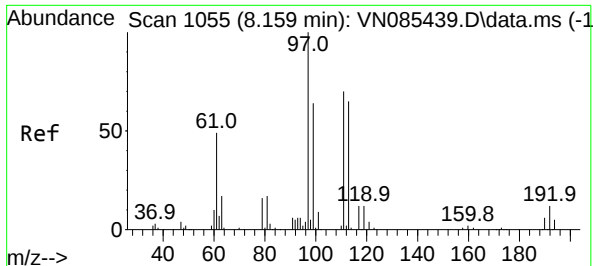
Tgt Ion: 65 Resp: 174486
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. 0.000 min
 Lab File: VN085509.D
 Acq: 21 Jan 2025 11:45

Tgt Ion: 114 Resp: 369982
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 47.6
 88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.132 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. 0.000 min

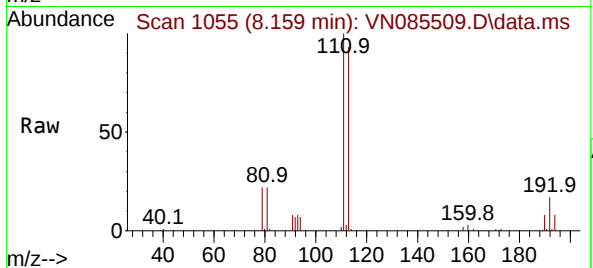
Lab File: VN085509.D

Acq: 21 Jan 2025 11:45

Instrument :

MSVOA_N

ClientSampleId :



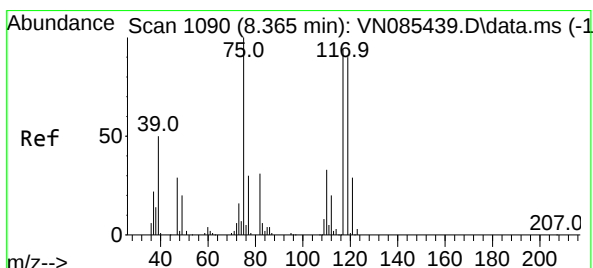
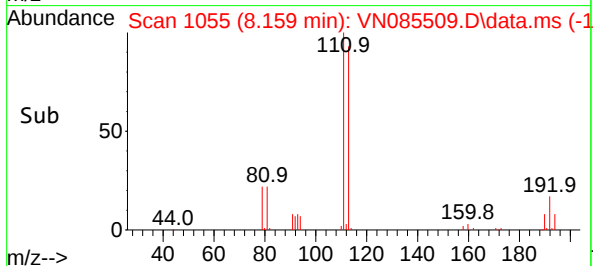
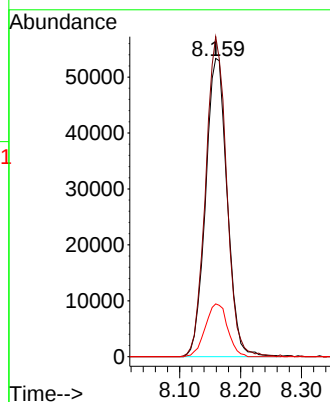
Tgt Ion:113 Resp: 131245

Ion Ratio Lower Upper

113 100

111 104.6 82.7 124.1

192 18.3 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.415 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085509.D

Acq: 21 Jan 2025 11:45

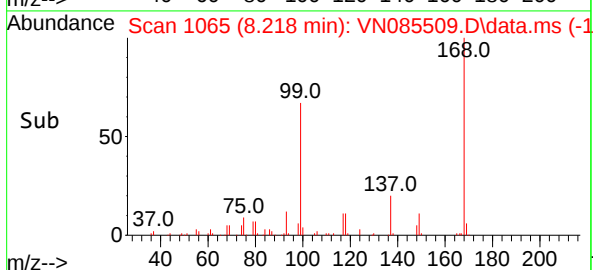
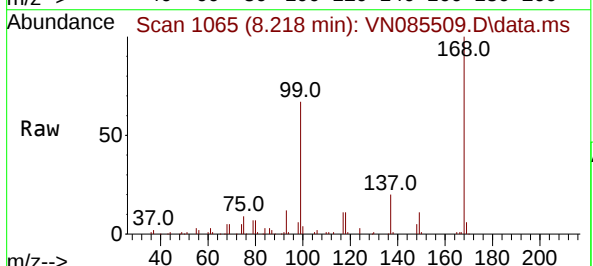
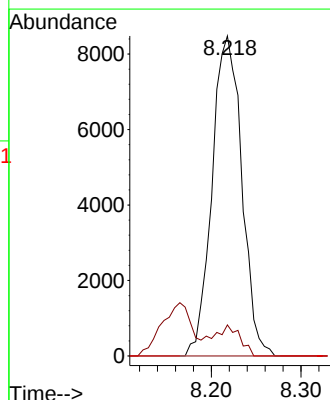
Tgt Ion: 75 Resp: 19506

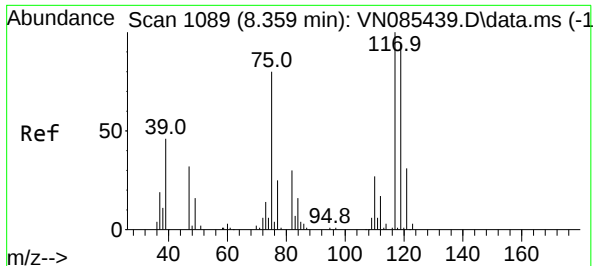
Ion Ratio Lower Upper

75 100

110 7.0 16.5 49.5#

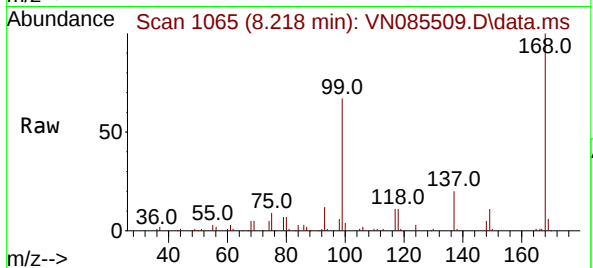
77 0.0 24.4 36.6#



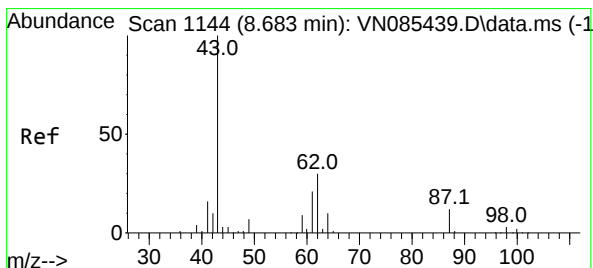
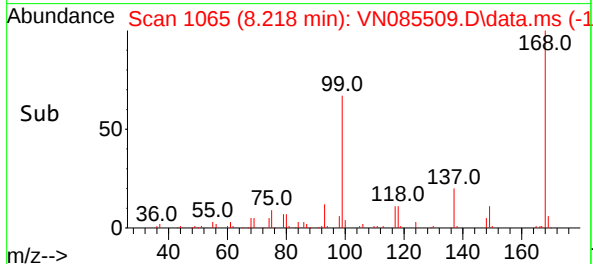
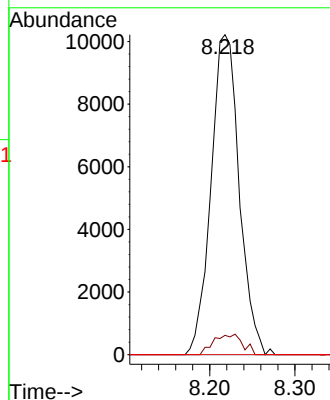


#38
Carbon Tetrachloride
Concen: 5.712 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN085509.D
Acq: 21 Jan 2025 11:45

Instrument :
MSVOA_N
ClientSampleId :

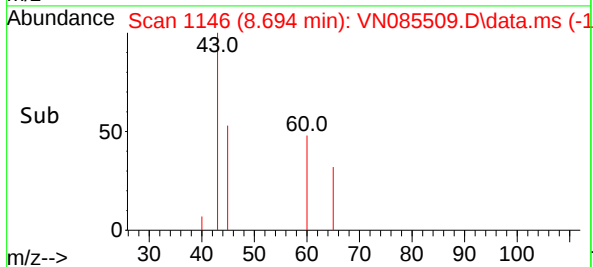
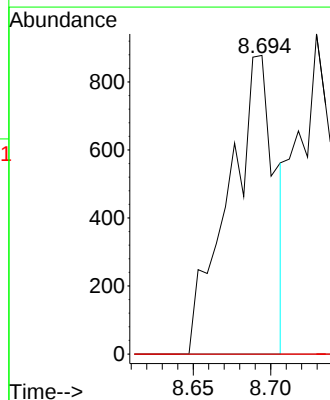
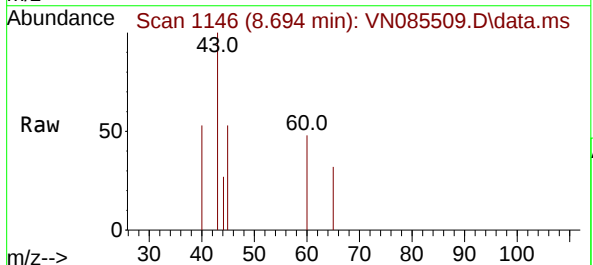


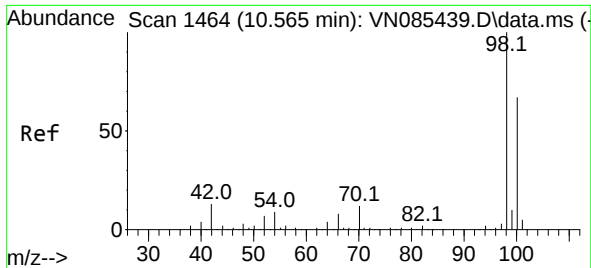
Tgt Ion:117 Resp: 23557
Ion Ratio Lower Upper
117 100
119 6.0 75.4 113.2#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.313 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.012 min
Lab File: VN085509.D
Acq: 21 Jan 2025 11:45

Tgt Ion: 43 Resp: 1822
Ion Ratio Lower Upper
43 100
61 0.0 20.7 31.1#
87 0.0 9.8 14.8#

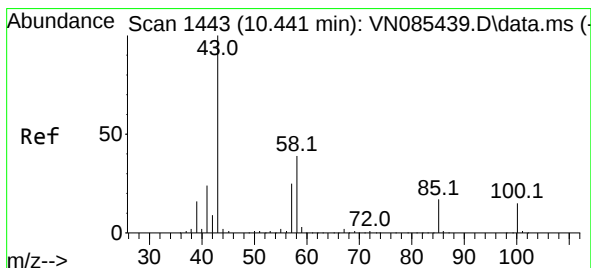
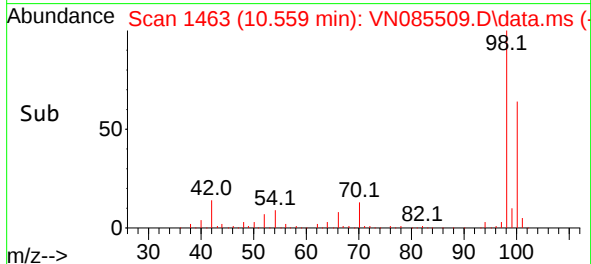
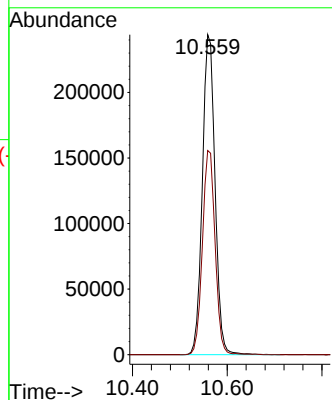
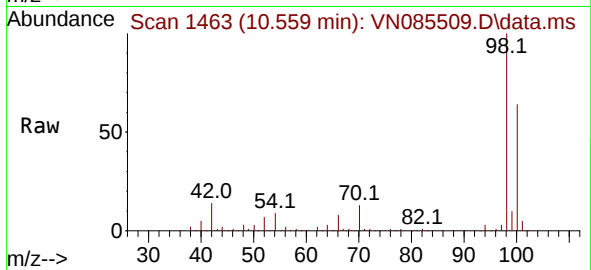




#50
Toluene-d8
Concen: 49.513 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN085509.D
Acq: 21 Jan 2025 11:45

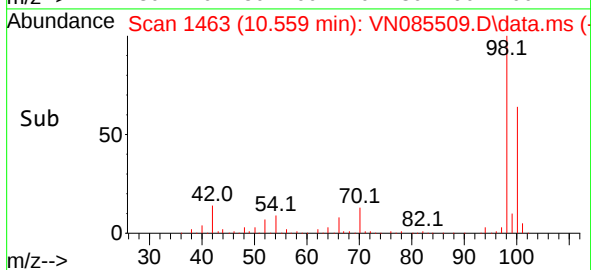
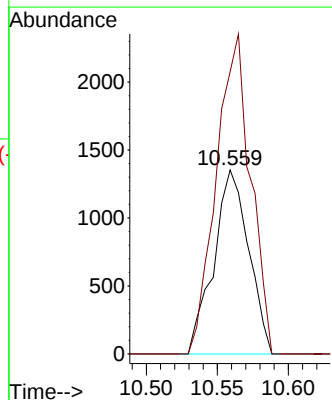
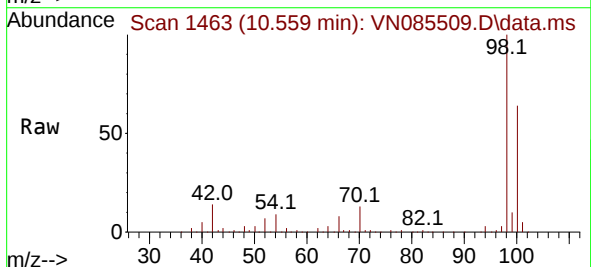
Instrument :
MSVOA_N
ClientSampleId :

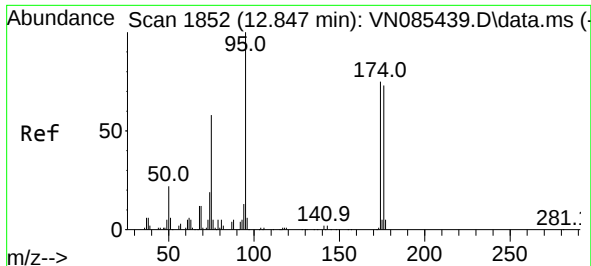
Tgt Ion: 98 Resp: 451541
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.685 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.118 min
Lab File: VN085509.D
Acq: 21 Jan 2025 11:45

Tgt Ion: 43 Resp: 2315
Ion Ratio Lower Upper
43 100
58 170.8 30.5 45.7#

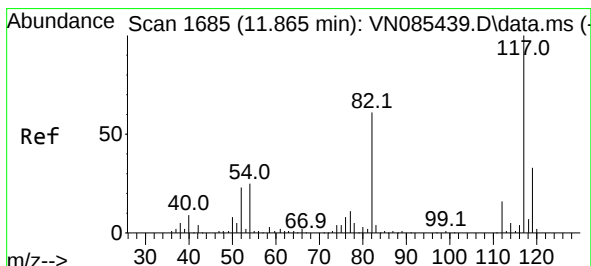
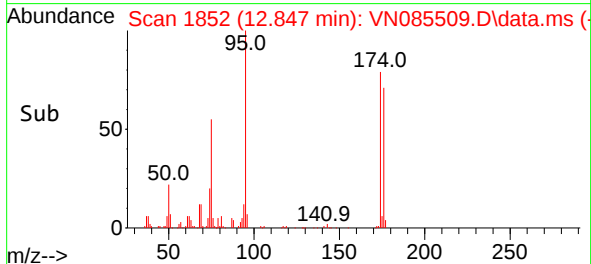
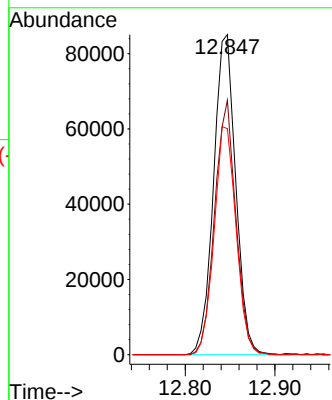
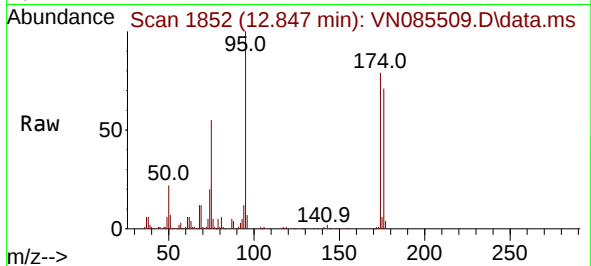




#62
4-Bromofluorobenzene
Concen: 46.770 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085509.D
Acq: 21 Jan 2025 11:45

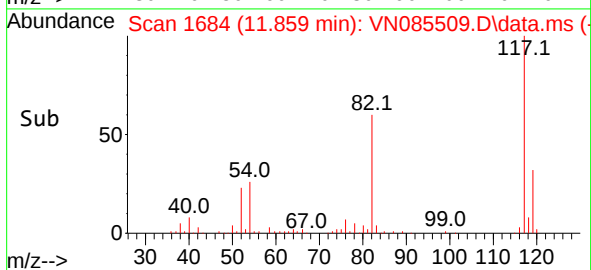
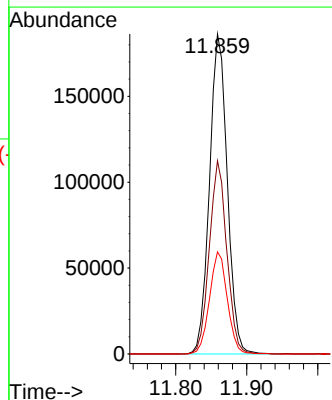
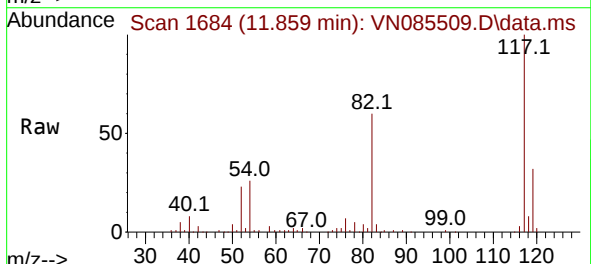
Instrument :
MSVOA_N
ClientSampleId :

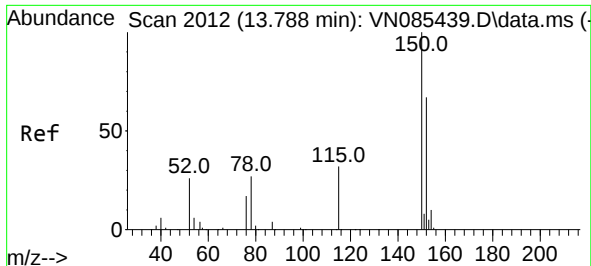
Tgt Ion: 95 Resp: 145903
Ion Ratio Lower Upper
95 100
174 76.2 0.0 145.0
176 70.9 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN085509.D
Acq: 21 Jan 2025 11:45

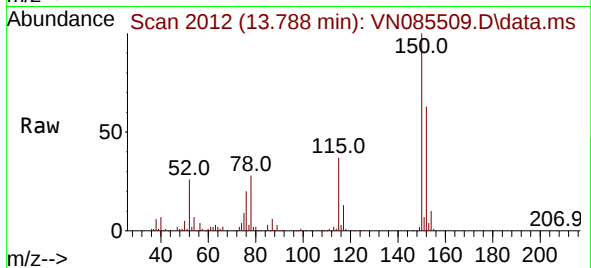
Tgt Ion: 117 Resp: 324072
Ion Ratio Lower Upper
117 100
82 60.4 48.6 72.8
119 31.9 26.6 39.8



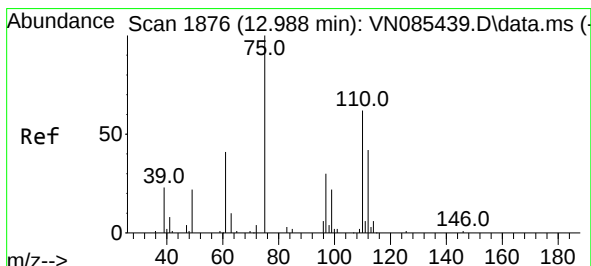
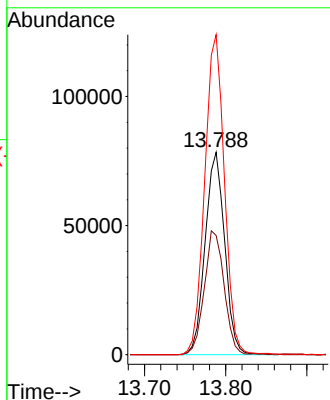
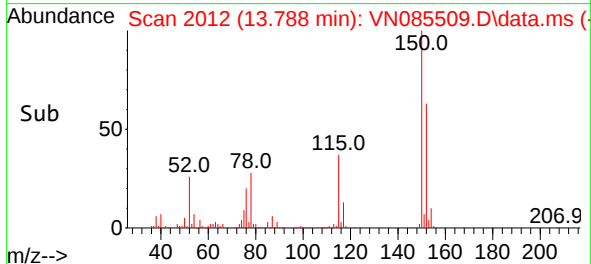


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085509.D
Acq: 21 Jan 2025 11:45

Instrument :
MSVOA_N
ClientSampleId :

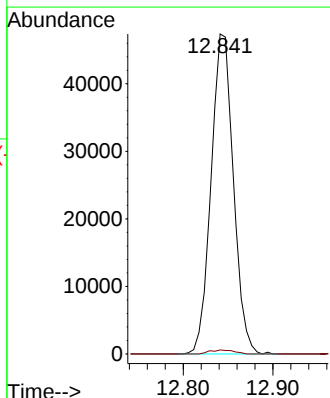
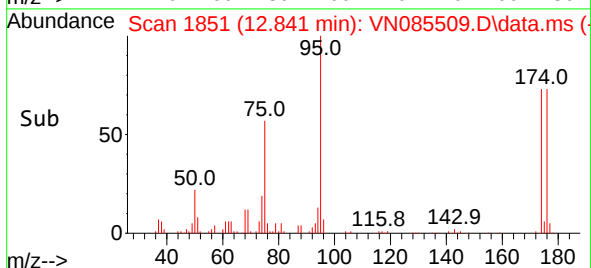
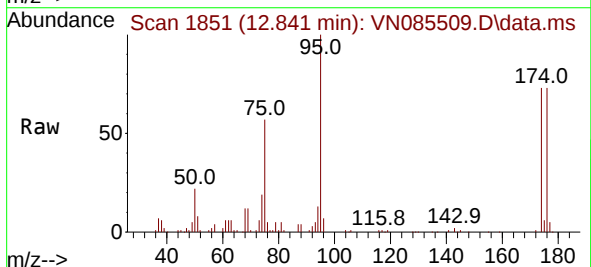


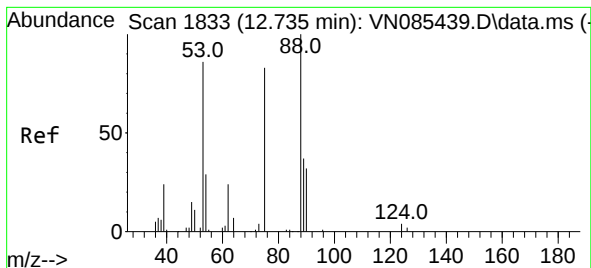
Tgt Ion:152 Resp: 131028
Ion Ratio Lower Upper
152 100
115 62.0 31.1 93.3
150 159.2 0.0 343.6



#76
1,2,3-Trichloropropane
Concen: 30.691 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.147 min
Lab File: VN085509.D
Acq: 21 Jan 2025 11:45

Tgt Ion: 75 Resp: 81735
Ion Ratio Lower Upper
75 100
77 1.3 109.7 329.2#

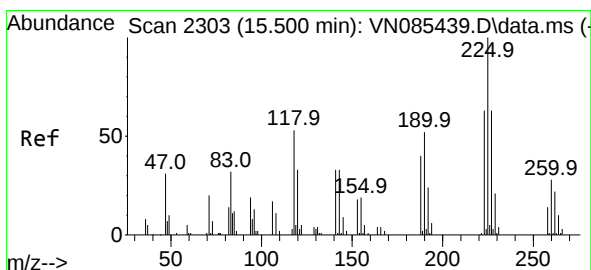
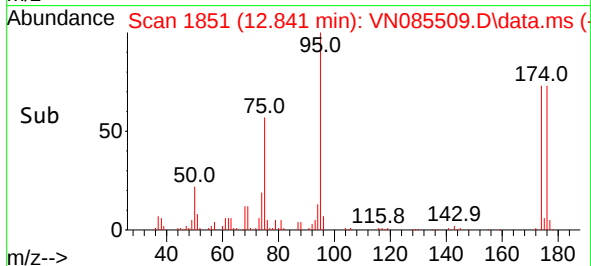
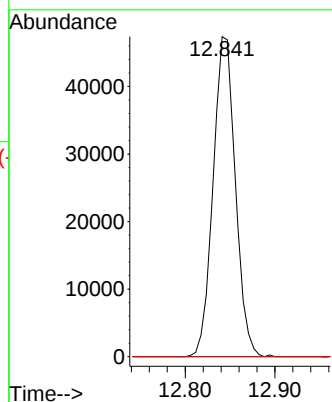
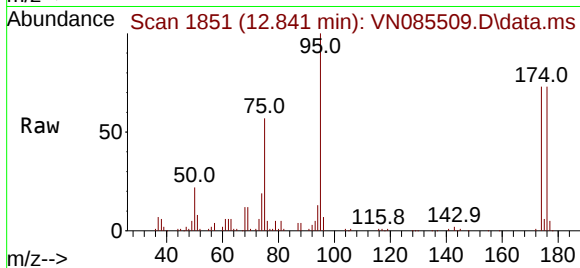




#81
trans-1,4-Dichloro-2-butene
Concen: 83.036 ug/l
RT: 12.841 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN085509.D
Acq: 21 Jan 2025 11:45

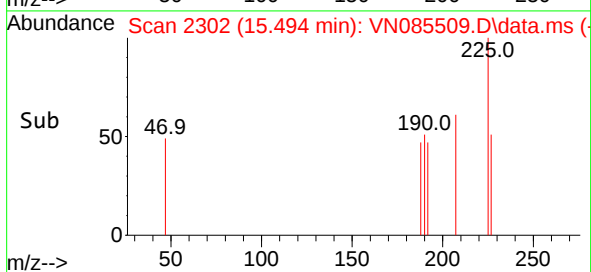
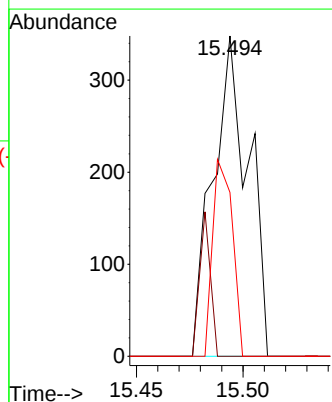
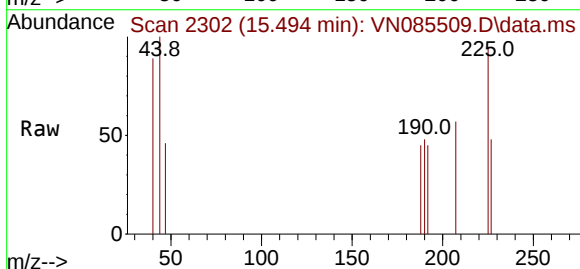
Instrument :
MSVOA_N
ClientSampleId :

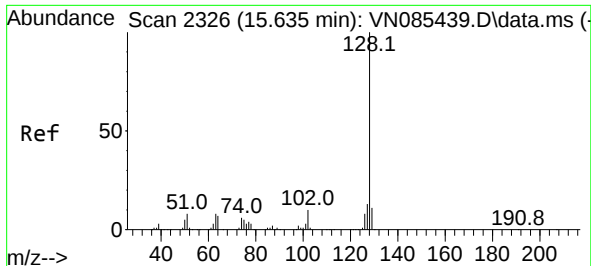
Tgt Ion: 75 Resp: 81735
Ion Ratio Lower Upper
75 100
53 0.0 95.6 143.4#
89 0.0 37.0 55.6#



#94
Hexachlorobutadiene
Concen: 0.387 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN085509.D
Acq: 21 Jan 2025 11:45

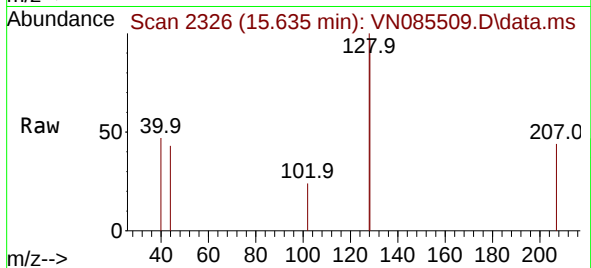
Tgt Ion: 225 Resp: 405
Ion Ratio Lower Upper
225 100
223 13.6 30.7 92.1#
227 34.1 30.9 92.5



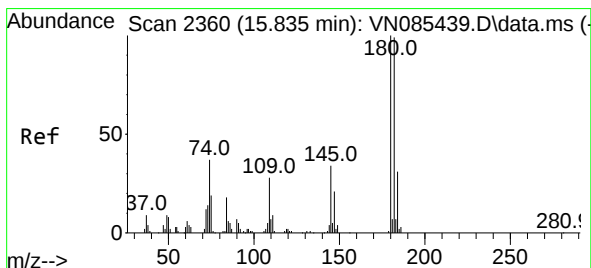
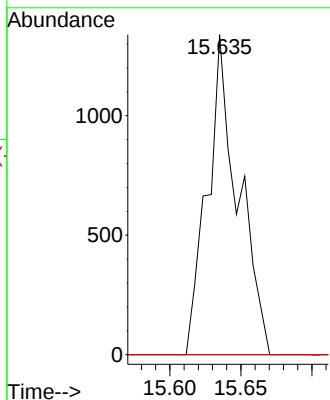
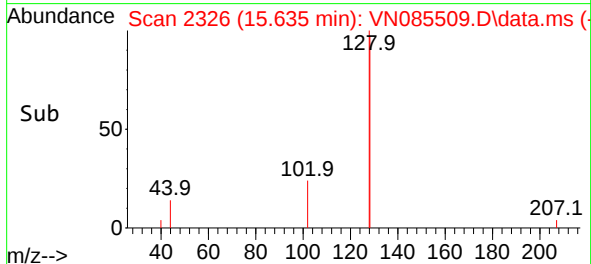


#95
Naphthalene
Concen: 0.343 ug/l
RT: 15.635 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN085509.D
Acq: 21 Jan 2025 11:45

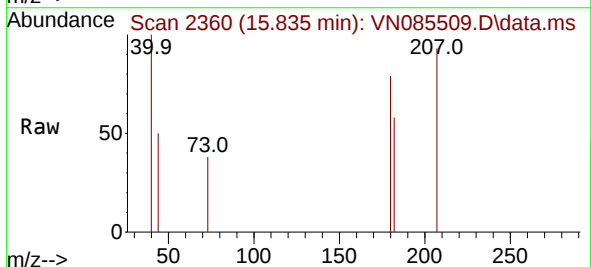
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 2020
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.213 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085509.D
Acq: 21 Jan 2025 11:45



Tgt Ion:180 Resp: 425
Ion Ratio Lower Upper
180 100
182 104.2 47.4 142.2
145 0.0 16.9 50.7#

