

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020725\
 Data File : VN085694.D
 Acq On : 07 Feb 2025 13:26
 Operator : JC\MD
 Sample : VN0207WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 07 22:29:41 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)

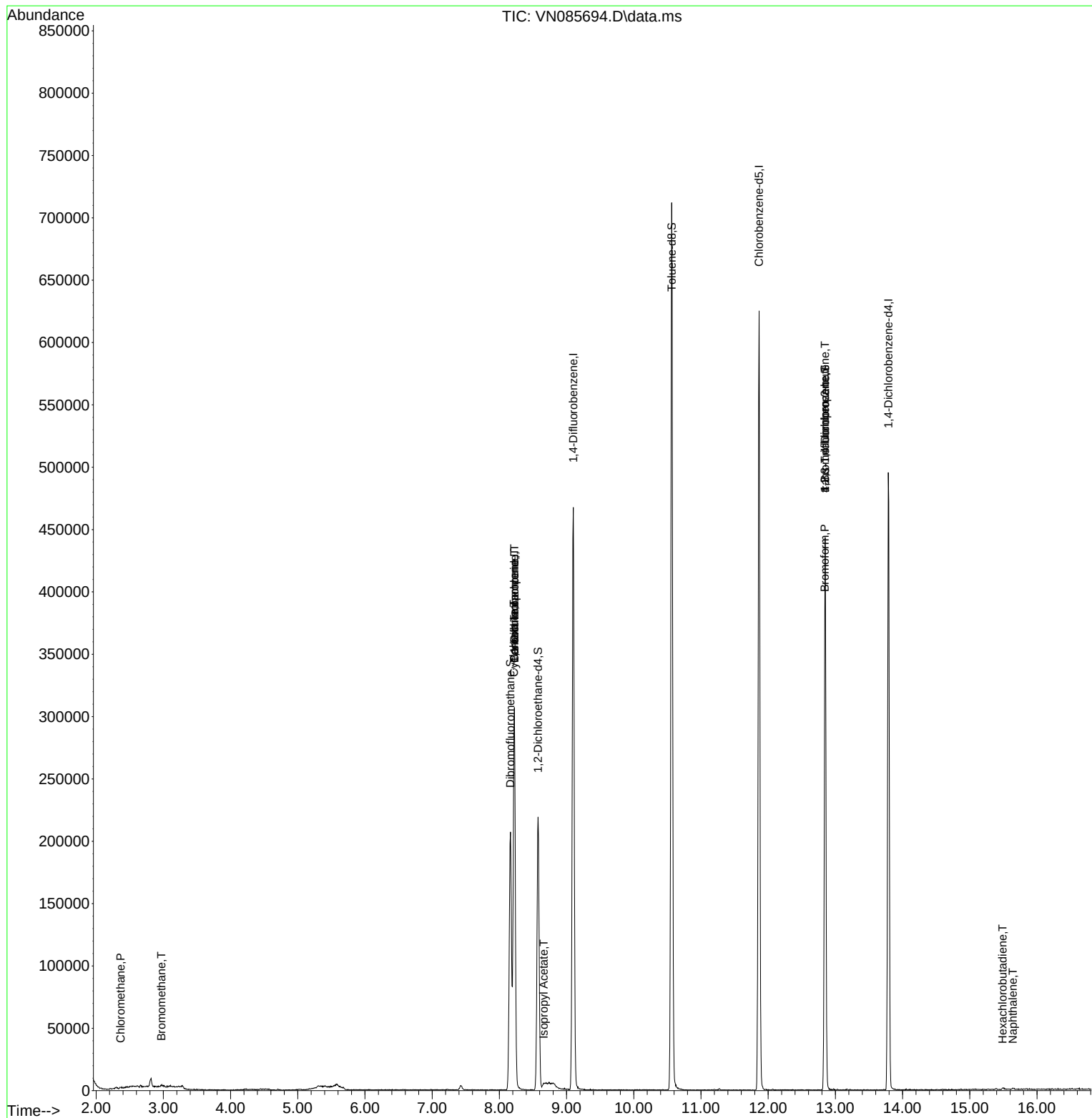
Internal Standards						
1) Pentafluorobenzene	8.224	168	213382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	398447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	349175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	178507	51.825	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.640%	
35) Dibromofluoromethane	8.165	113	146516	53.004	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.000%	
50) Toluene-d8	10.565	98	489841	49.875	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.760%	
62) 4-Bromofluorobenzene	12.847	95	147394	43.872	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 87.740%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	713	0.228	ug/l #	41
5) Bromomethane	2.971	94	787	0.414	ug/l #	75
31) Cyclohexane	8.218	56	5480	1.254	ug/l #	10
36) 1,1-Dichloropropene	8.224	75	18804	4.847	ug/l #	51
38) Carbon Tetrachloride	8.224	117	23195	5.222	ug/l #	17
43) Isopropyl Acetate	8.659	43	3790	0.604	ug/l #	55
71) Bromoform	12.841	173	1222	0.608	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	78627	28.472	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	78627	77.033	ug/l #	3
94) Hexachlorobutadiene	15.488	225	558	0.514	ug/l	84
95) Naphthalene	15.641	128	1710	0.280	ug/l #	74

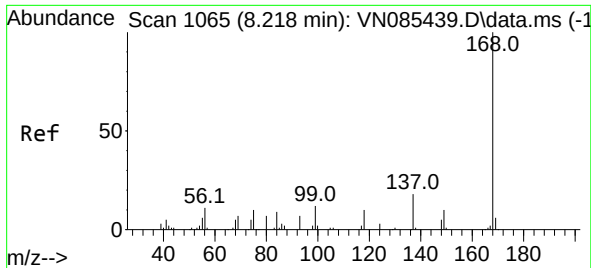
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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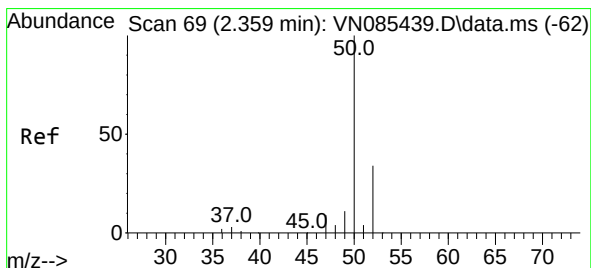
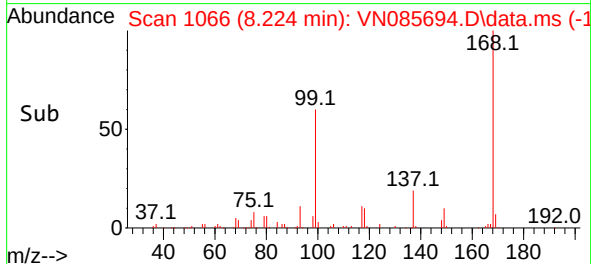
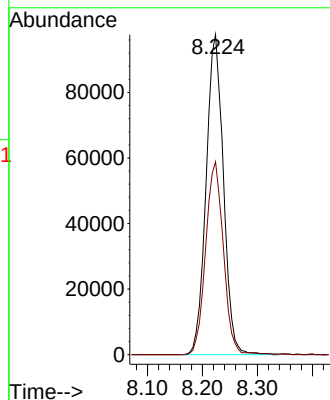
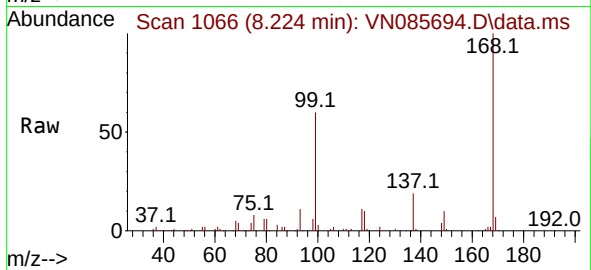




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085694.D
Acq: 07 Feb 2025 13:26

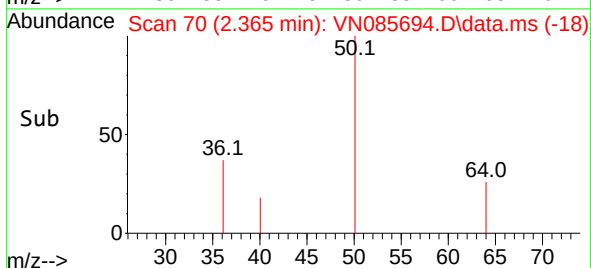
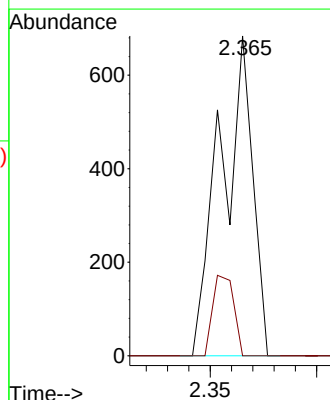
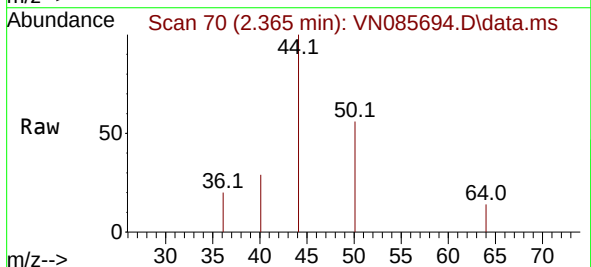
Instrument :
MSVOA_N
ClientSampleId :

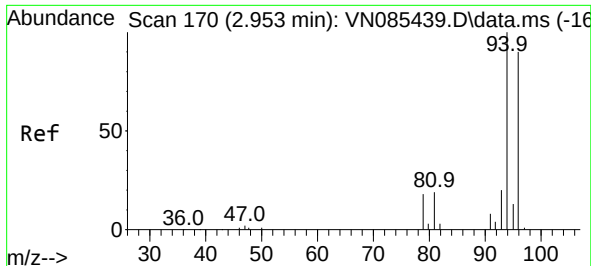
Tgt Ion:168 Resp: 213382
Ion Ratio Lower Upper
168 100
99 60.3 53.6 80.4



#3
Chloromethane
Concen: 0.228 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN085694.D
Acq: 07 Feb 2025 13:26

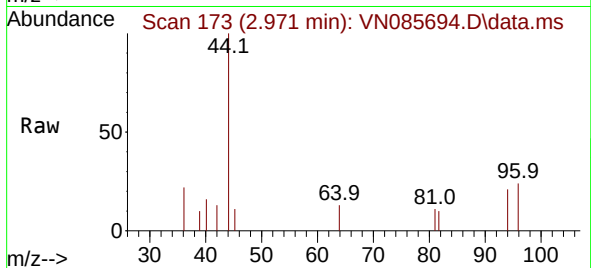
Tgt Ion: 50 Resp: 713
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#



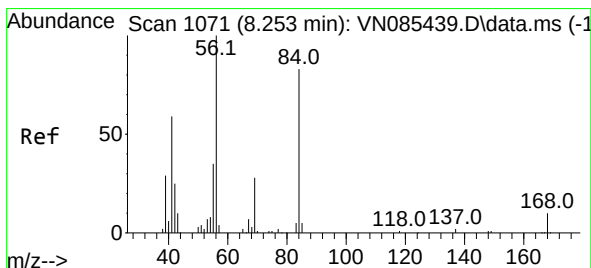
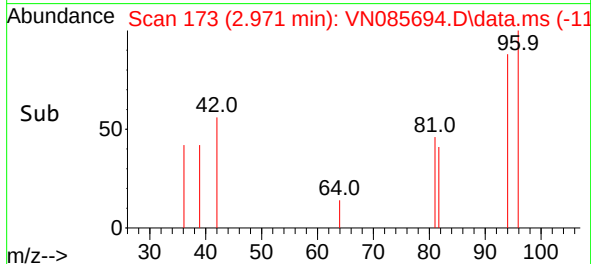
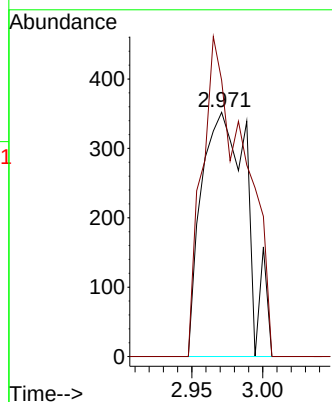


#5
Bromomethane
Concen: 0.414 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN085694.D
Acq: 07 Feb 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :

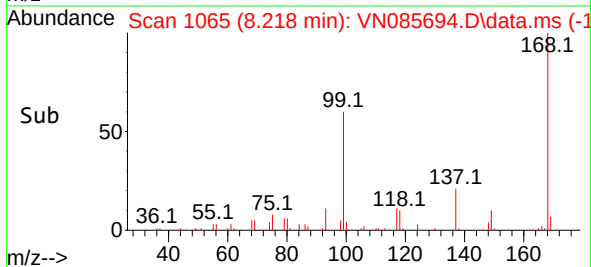
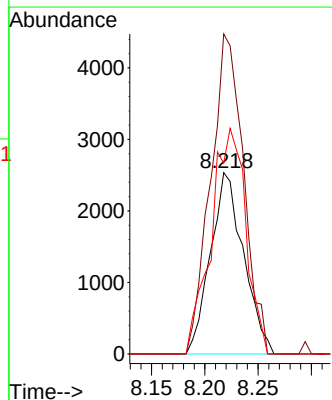
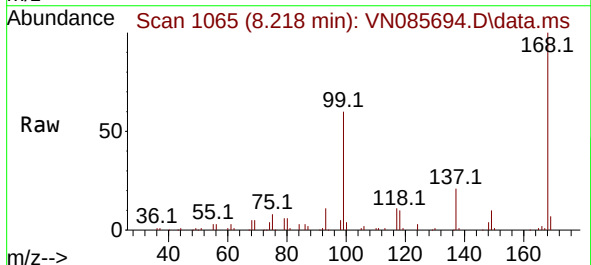


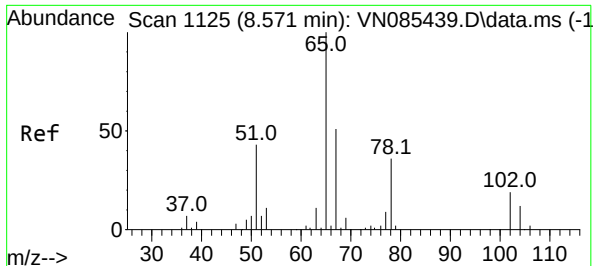
Tgt Ion: 94 Resp: 787
Ion Ratio Lower Upper
94 100
96 113.1 71.8 107.6#



#31
Cyclohexane
Concen: 1.254 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085694.D
Acq: 07 Feb 2025 13:26

Tgt Ion: 56 Resp: 5480
Ion Ratio Lower Upper
56 100
69 176.5 22.2 33.4#
84 105.3 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 51.825 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085694.D

Acq: 07 Feb 2025 13:26

Instrument :

MSVOA_N

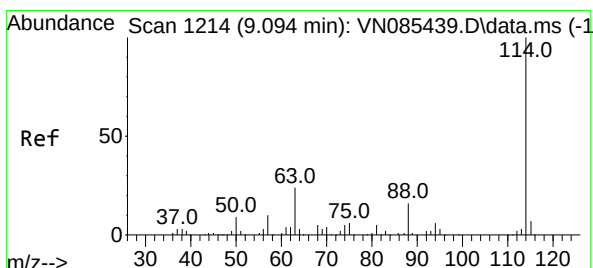
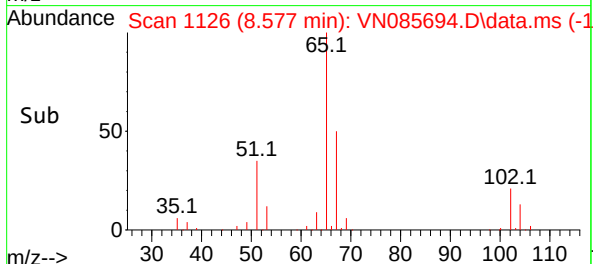
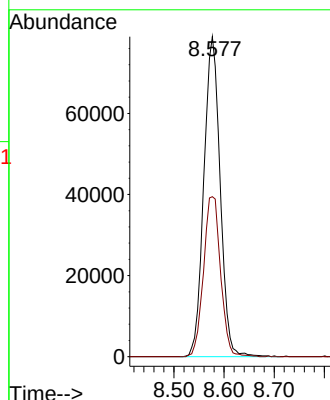
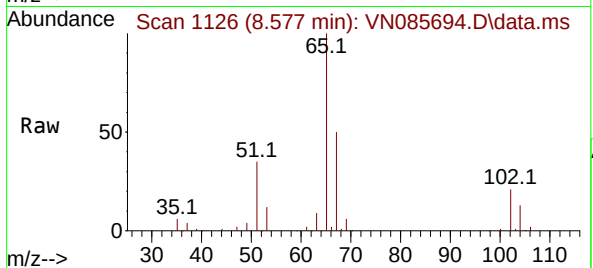
ClientSampleId :

Tgt Ion: 65 Resp: 178507

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085694.D

Acq: 07 Feb 2025 13:26

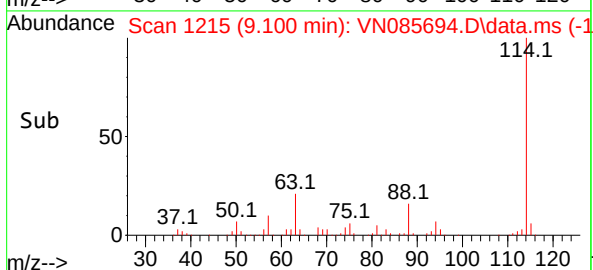
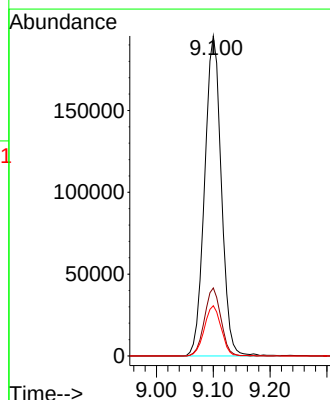
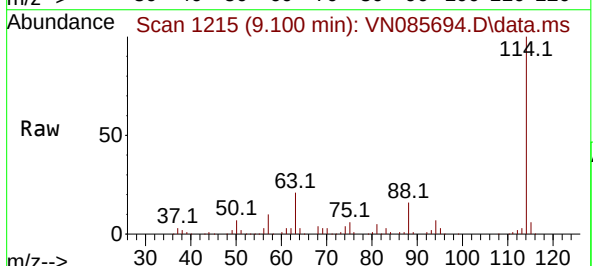
Tgt Ion: 114 Resp: 398447

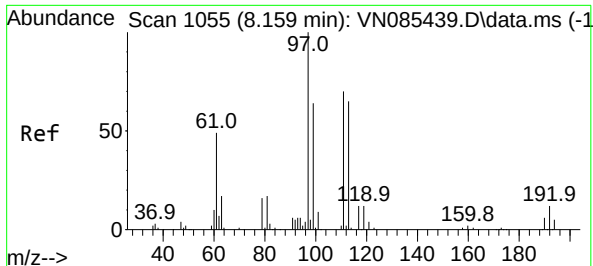
Ion Ratio Lower Upper

114 100

63 21.2 0.0 47.6

88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.004 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

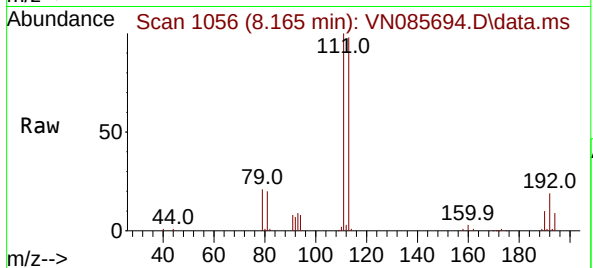
Lab File: VN085694.D

Acq: 07 Feb 2025 13:26

Instrument :

MSVOA_N

ClientSampleId :



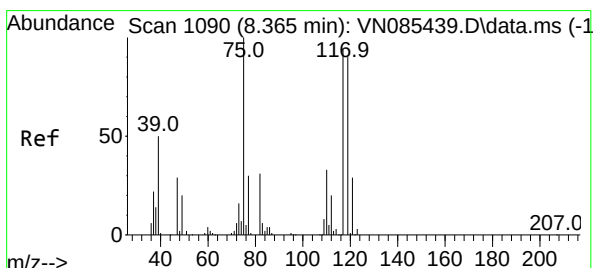
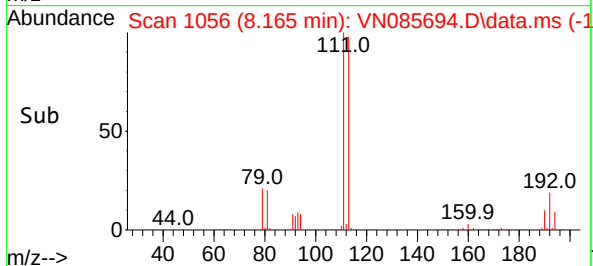
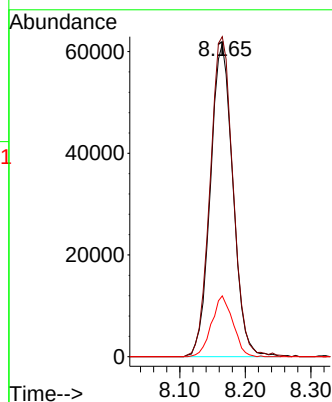
Tgt Ion:113 Resp: 146516

Ion Ratio Lower Upper

113 100

111 104.3 82.7 124.1

192 18.4 14.3 21.5



#36

1,1-Dichloropropene

Concen: 4.847 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085694.D

Acq: 07 Feb 2025 13:26

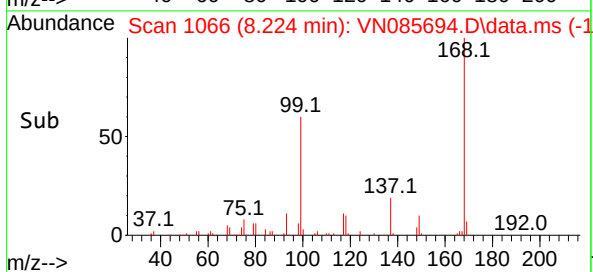
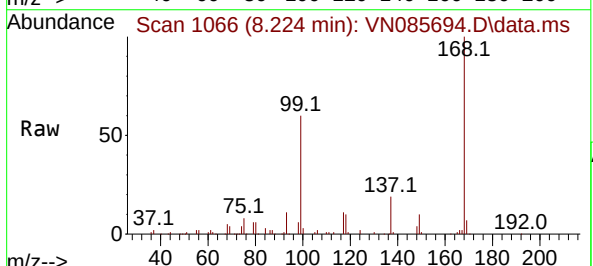
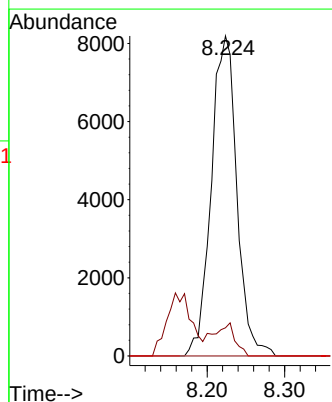
Tgt Ion: 75 Resp: 18804

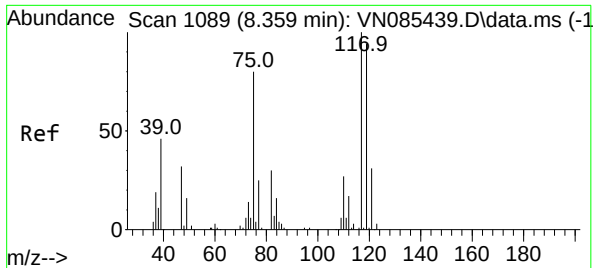
Ion Ratio Lower Upper

75 100

110 8.9 16.5 49.5#

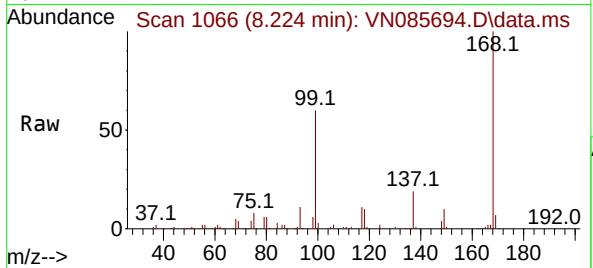
77 0.0 24.4 36.6#



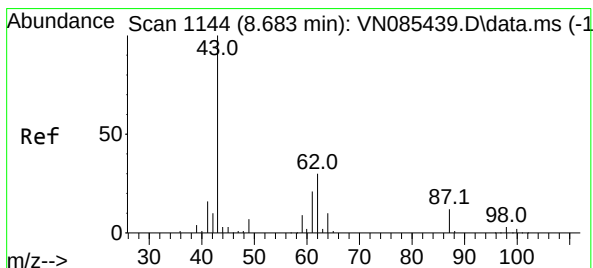
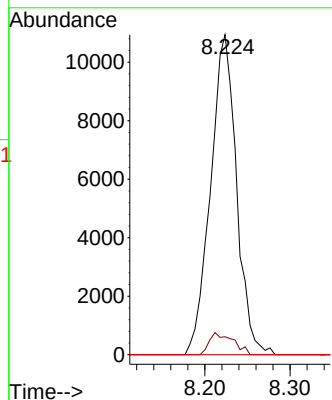
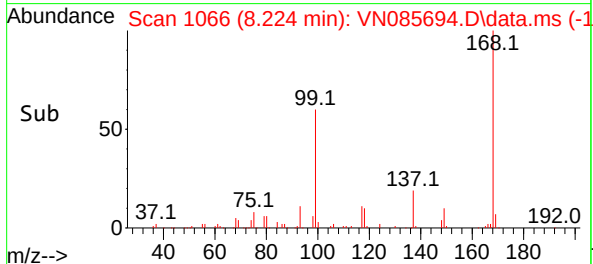


#38
Carbon Tetrachloride
Concen: 5.222 ug/l
RT: 8.224 min Scan# 11066
Delta R.T. -0.135 min
Lab File: VN085694.D
Acq: 07 Feb 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :

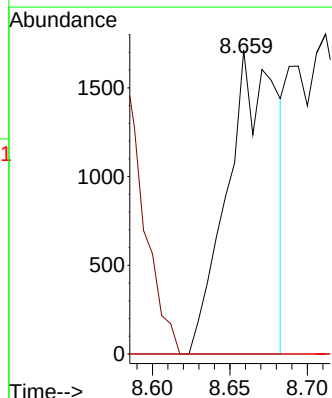
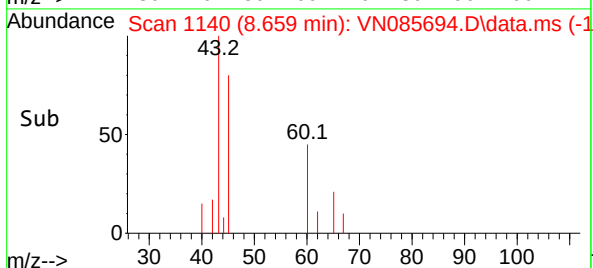
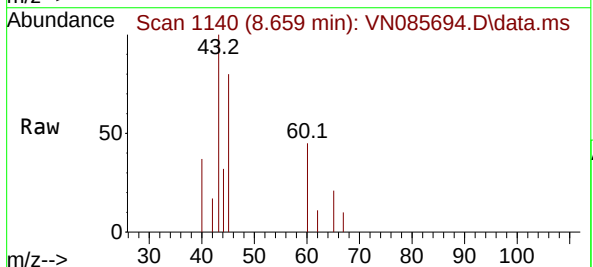


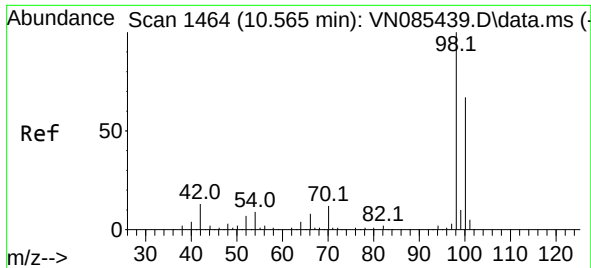
Tgt Ion:117 Resp: 23195
Ion Ratio Lower Upper
117 100
119 5.6 75.4 113.2#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.604 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. -0.024 min
Lab File: VN085694.D
Acq: 07 Feb 2025 13:26

Tgt Ion: 43 Resp: 3790
Ion Ratio Lower Upper
43 100
61 0.0 20.7 31.1#
87 0.0 9.8 14.8#

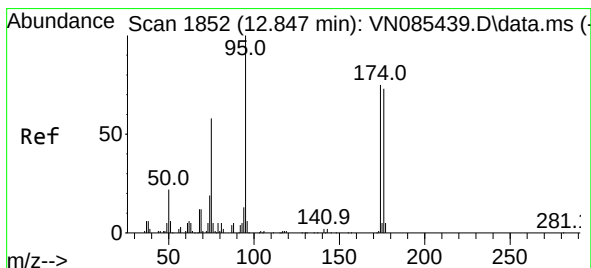
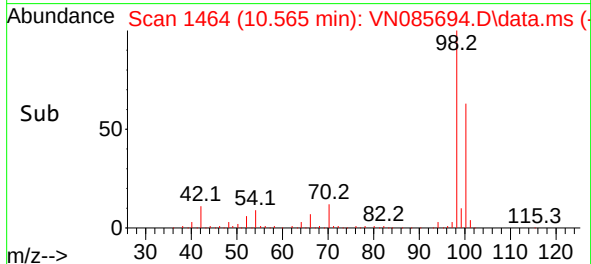
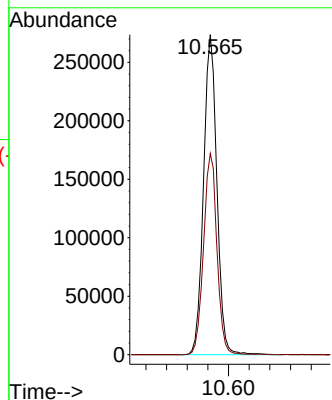
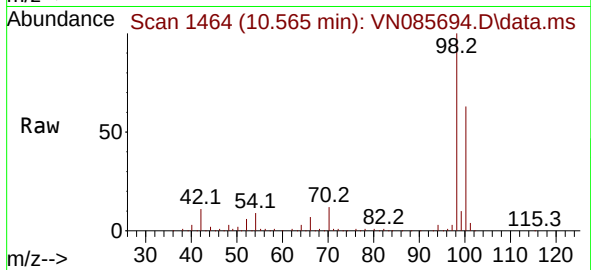




#50
Toluene-d8
Concen: 49.875 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085694.D
Acq: 07 Feb 2025 13:26

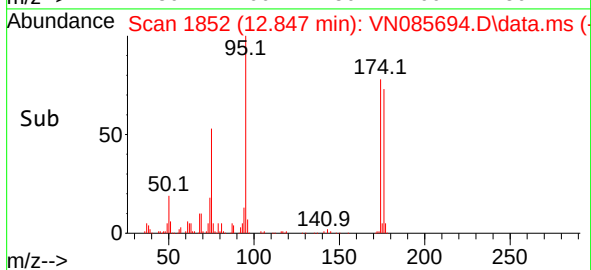
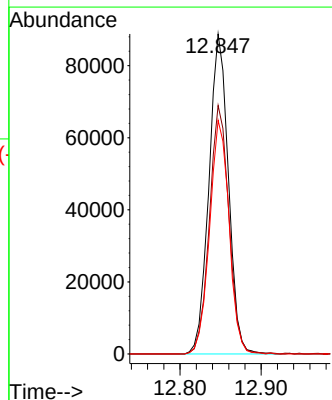
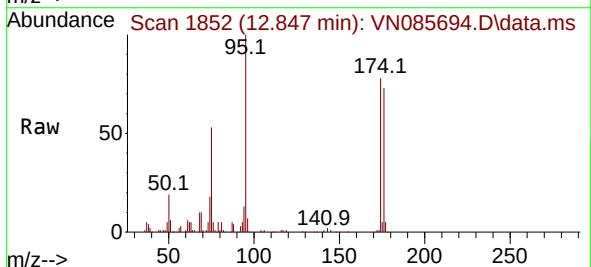
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MSVOA_N
ClientSampleId :

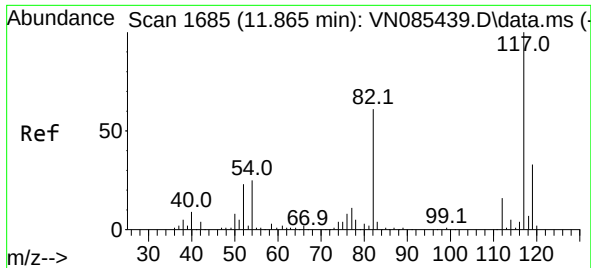
Tgt Ion: 98 Resp: 489841
Ion Ratio Lower Upper
98 100
100 63.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 43.872 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085694.D
Acq: 07 Feb 2025 13:26

Tgt Ion: 95 Resp: 147394
Ion Ratio Lower Upper
95 100
174 78.3 0.0 145.0
176 73.2 0.0 142.4

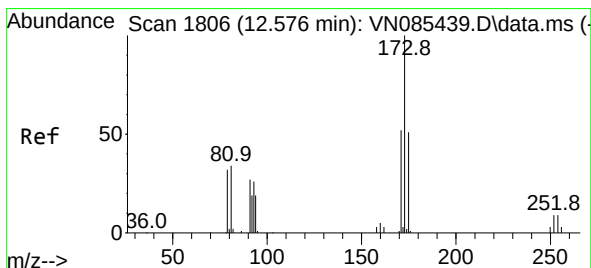
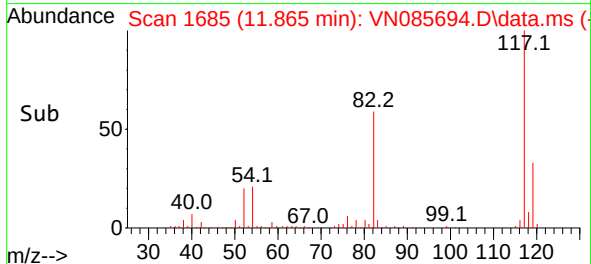
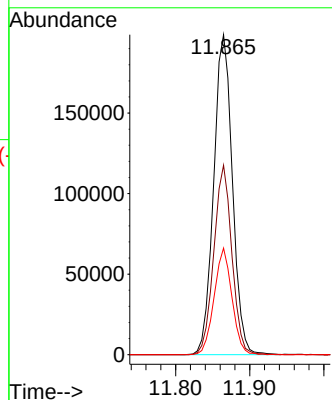
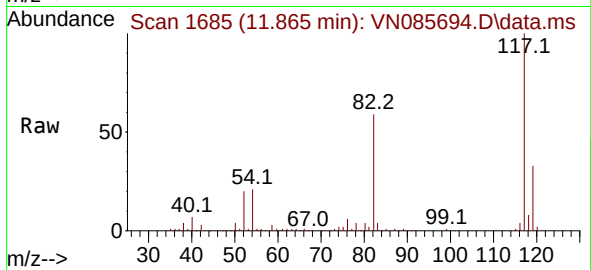




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085694.D
Acq: 07 Feb 2025 13:26

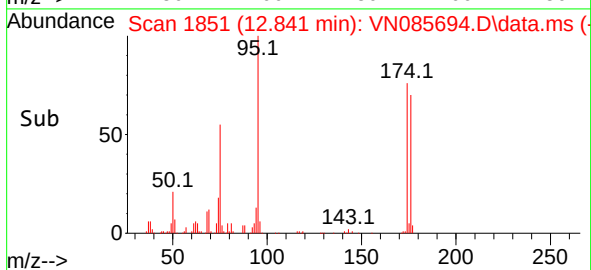
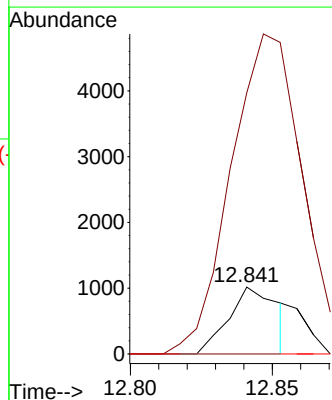
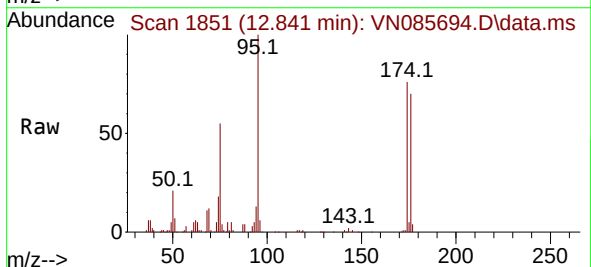
Instrument :
MSVOA_N
ClientSampleId :

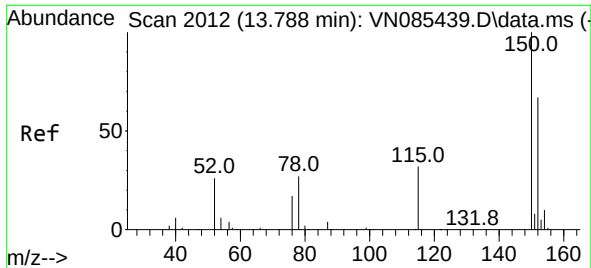
Tgt Ion:117 Resp: 349175
Ion Ratio Lower Upper
117 100
82 59.2 48.6 72.8
119 33.3 26.6 39.8



#71
Bromoform
Concen: 0.608 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN085694.D
Acq: 07 Feb 2025 13:26

Tgt Ion:173 Resp: 1222
Ion Ratio Lower Upper
173 100
175 524.9 24.4 73.2#
254 0.0 0.0 0.0

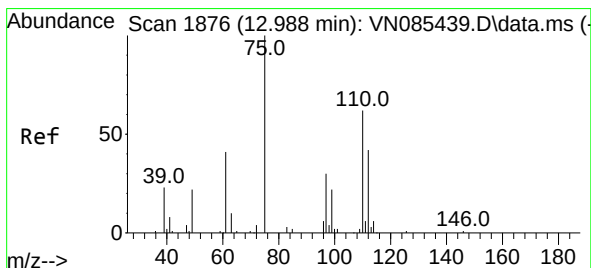
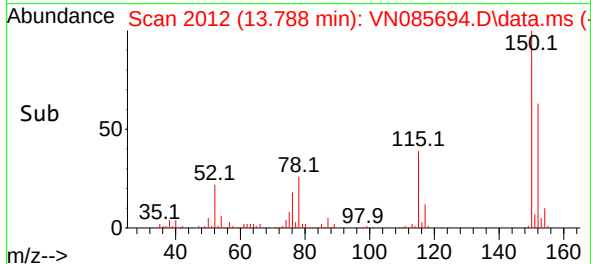
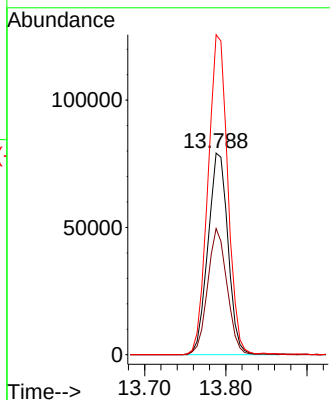
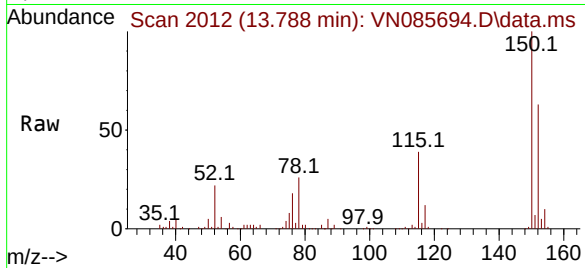




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085694.D
 Acq: 07 Feb 2025 13:26

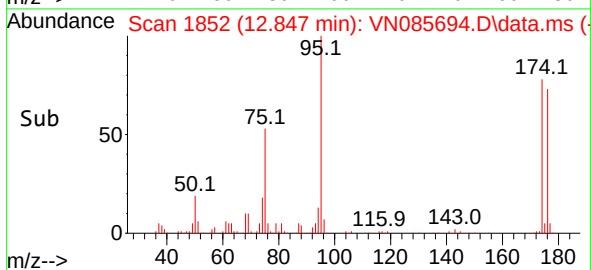
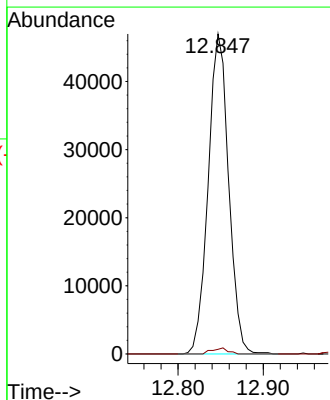
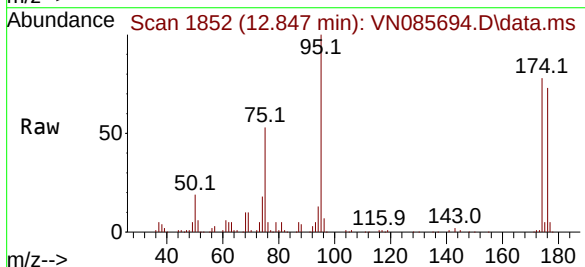
Instrument :
 MSVOA_N
 ClientSampleId :

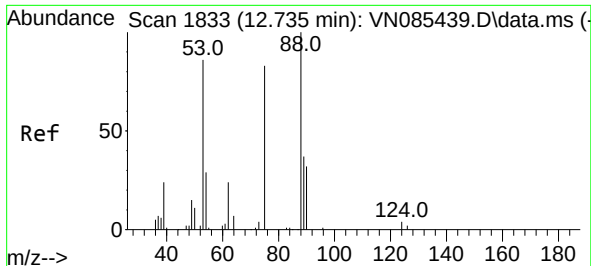
Tgt Ion:152 Resp: 135868
 Ion Ratio Lower Upper
 152 100
 115 60.7 31.1 93.3
 150 156.3 0.0 343.6



#76
 1,2,3-Trichloropropane
 Concen: 28.472 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085694.D
 Acq: 07 Feb 2025 13:26

Tgt Ion: 75 Resp: 78627
 Ion Ratio Lower Upper
 75 100
 77 1.5 109.7 329.2#

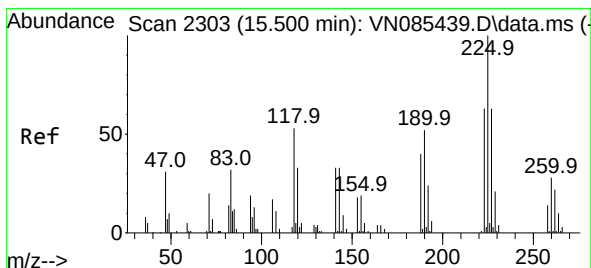
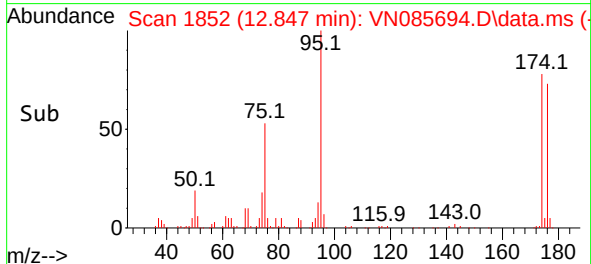
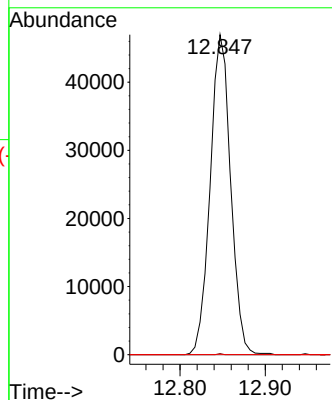
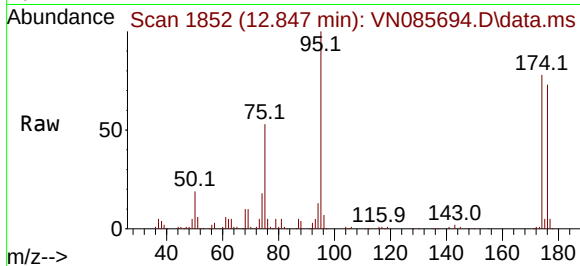




#81
trans-1,4-Dichloro-2-butene
Concen: 77.033 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN085694.D
Acq: 07 Feb 2025 13:26

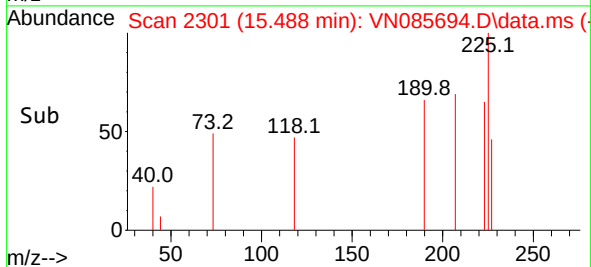
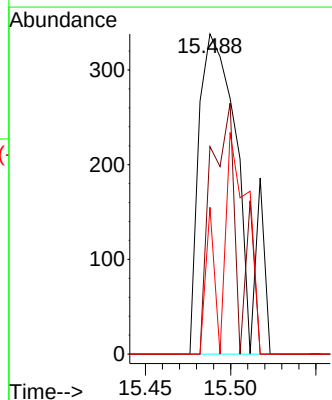
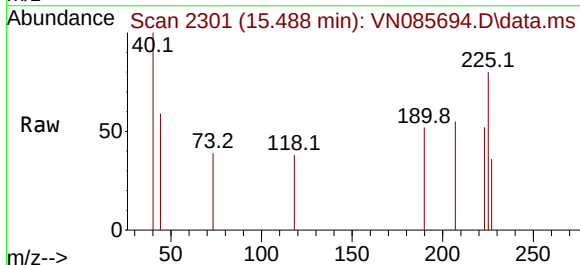
Instrument :
MSVOA_N
ClientSampleId :

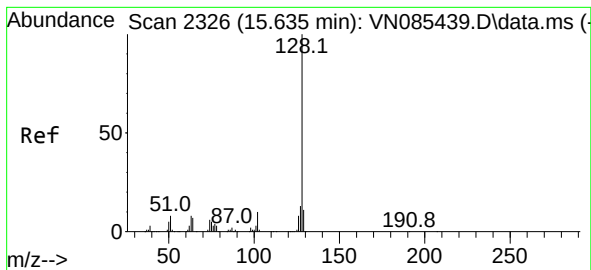
Tgt Ion: 75 Resp: 78627
Ion Ratio Lower Upper
75 100
53 0.1 95.6 143.4#
89 0.0 37.0 55.6#



#94
Hexachlorobutadiene
Concen: 0.514 ug/l
RT: 15.488 min Scan# 2301
Delta R.T. -0.012 min
Lab File: VN085694.D
Acq: 07 Feb 2025 13:26

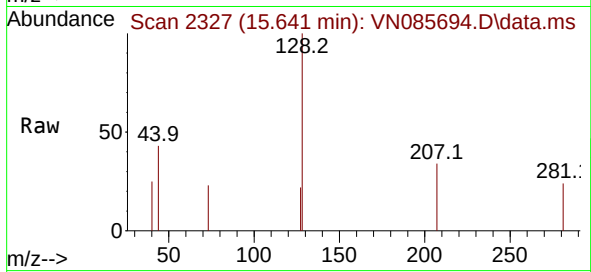
Tgt Ion: 225 Resp: 558
Ion Ratio Lower Upper
225 100
223 53.4 30.7 92.1
227 45.9 30.9 92.5





#95
Naphthalene
Concen: 0.280 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN085694.D
Acq: 07 Feb 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 1710
Ion Ratio Lower Upper
128 100
127 3.6 10.6 16.0#
129 0.0 8.8 13.2#

