

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
 Data File : VN086159.D
 Acq On : 28 Mar 2025 18:42
 Operator : JC\MD
 Sample : Q1664-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-BBDGA-007-01

Quant Time: Mar 28 23:39:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

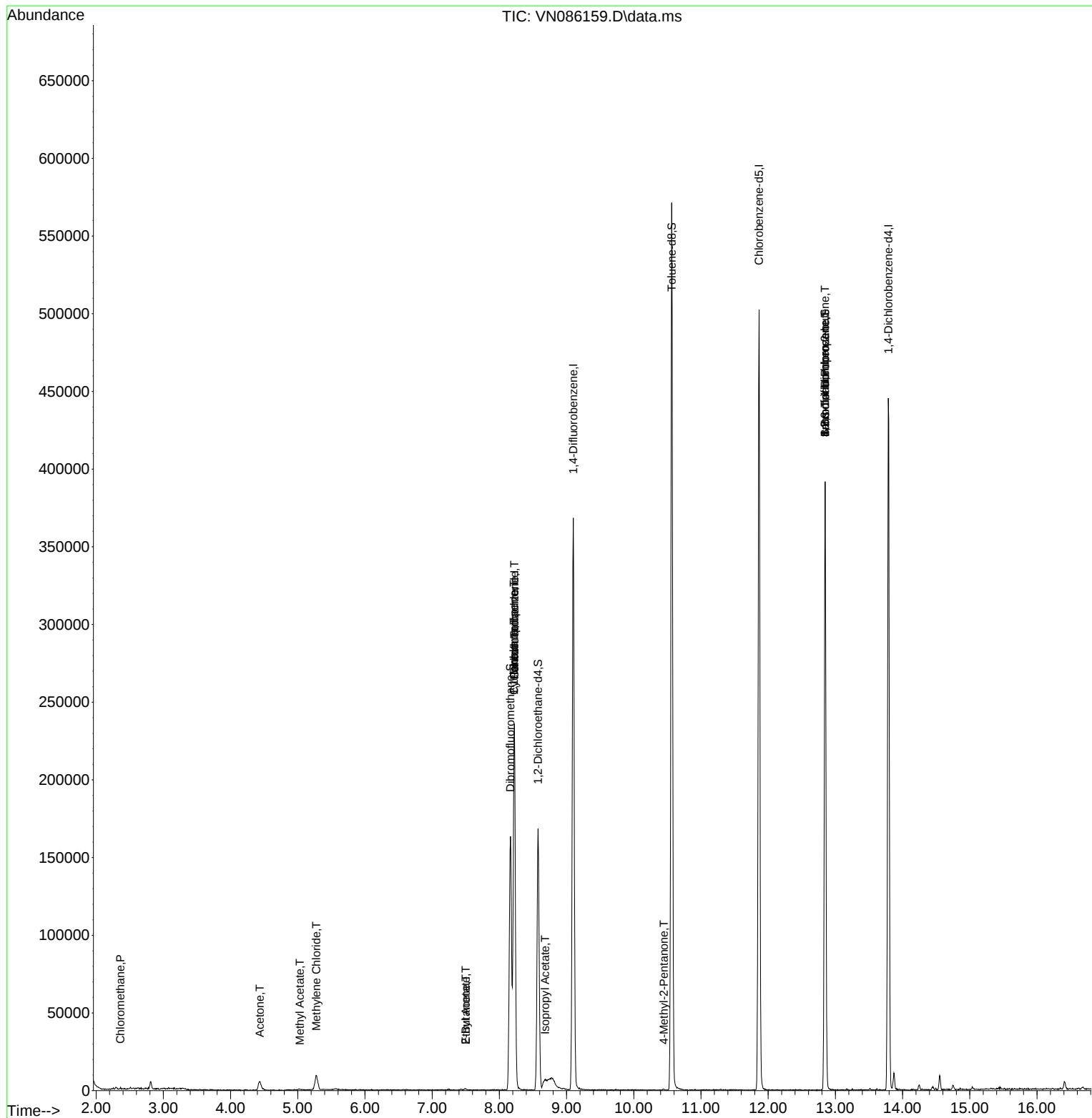
Internal Standards						
1) Pentafluorobenzene	8.224	168	167744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	321208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	300008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	135916	59.171	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 118.340%		
35) Dibromofluoromethane	8.165	113	121238	54.076	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 108.160%		
50) Toluene-d8	10.565	98	400286	49.194	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 98.380%		
62) 4-Bromofluorobenzene	12.847	95	136311	46.974	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 93.940%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	431	0.221	ug/l #	57
16) Acetone	4.436	43	10983	15.651	ug/l	94
18) Methyl Acetate	5.030	43	777	0.448	ug/l #	45
20) Methylene Chloride	5.277	84	7787	3.793	ug/l	98
25) 2-Butanone	7.500	43	1248	1.232	ug/l #	40
31) Cyclohexane	8.218	56	3463	1.210	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	13964	4.730	ug/l #	45
37) Ethyl Acetate	7.500	43	1248	0.501	ug/l #	64
38) Carbon Tetrachloride	8.224	117	17818	4.590	ug/l #	16
43) Isopropyl Acetate	8.682	43	5328	0.987	ug/l #	50
51) 4-Methyl-2-Pentanone	10.447	43	512	0.215	ug/l #	30
71) Bromoform	12.847	173	1289	0.604	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	65877	22.479	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	65877	59.431	ug/l #	16

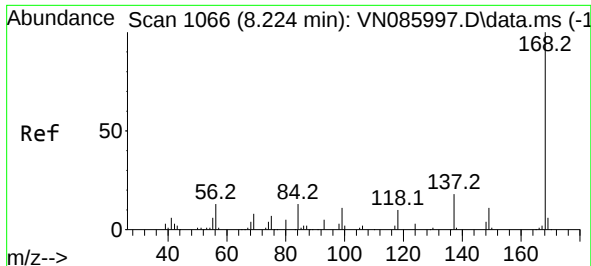
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
Data File : VN086159.D
Acq On : 28 Mar 2025 18:42
Operator : JC\MD
Sample : Q1664-20
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-007-01

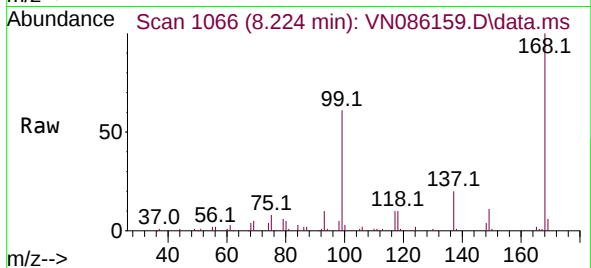
Quant Time: Mar 28 23:39:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration



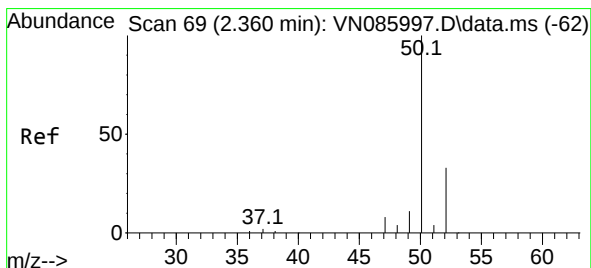
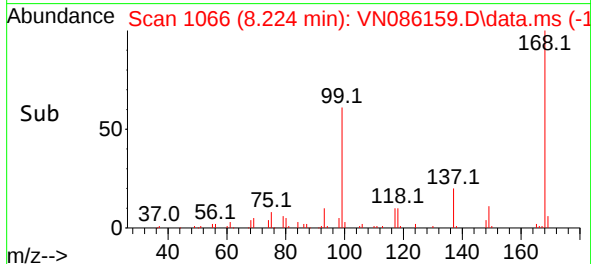
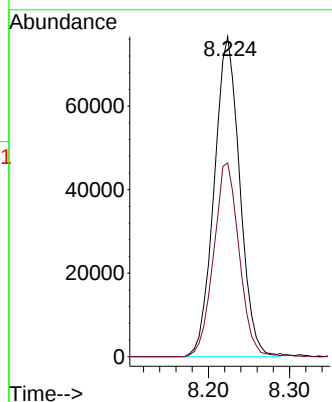


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086159.D
Acq: 28 Mar 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-007-01

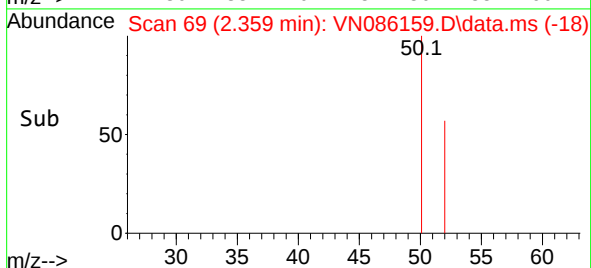
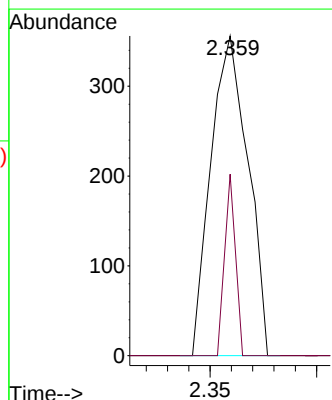
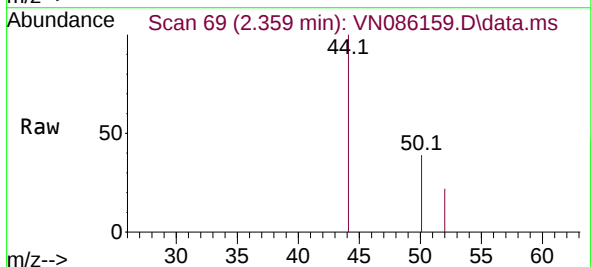


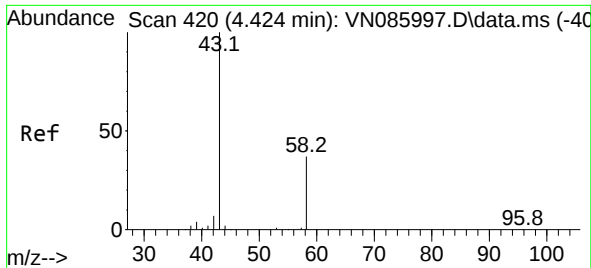
Tgt Ion:168 Resp: 167744
Ion Ratio Lower Upper
168 100
99 60.6 49.4 74.2



#3
Chloromethane
Concen: 0.221 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086159.D
Acq: 28 Mar 2025 18:42

Tgt Ion: 50 Resp: 431
Ion Ratio Lower Upper
50 100
52 56.7 26.0 39.0#

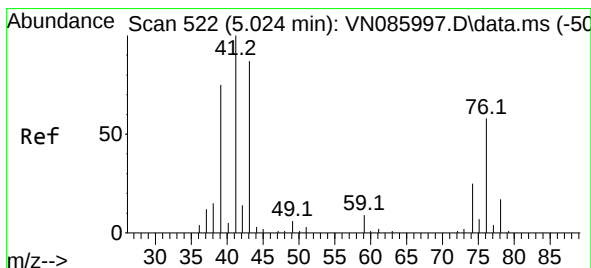
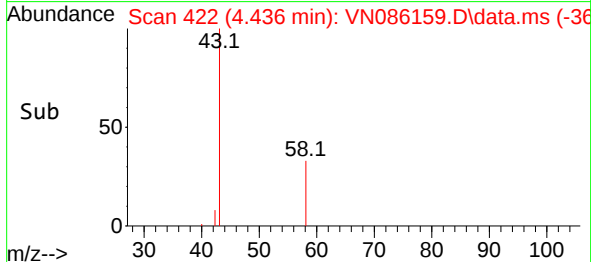
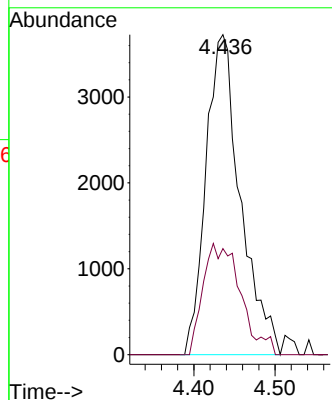
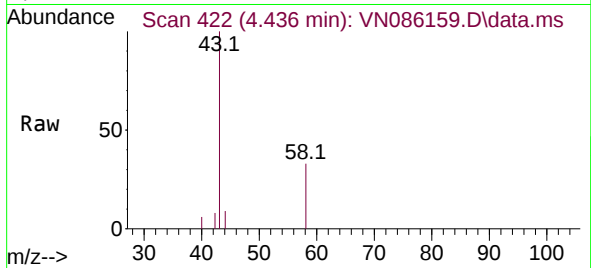




#16
Acetone
Concen: 15.651 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN086159.D
Acq: 28 Mar 2025 18:42

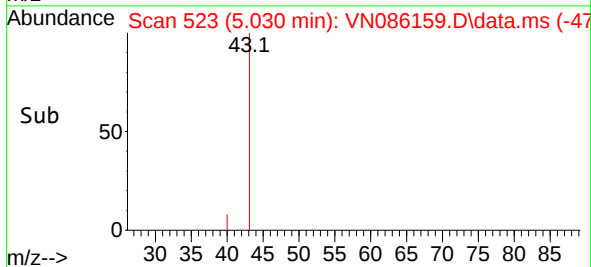
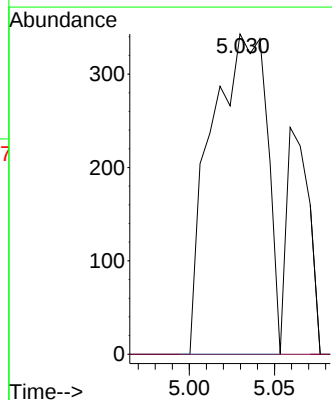
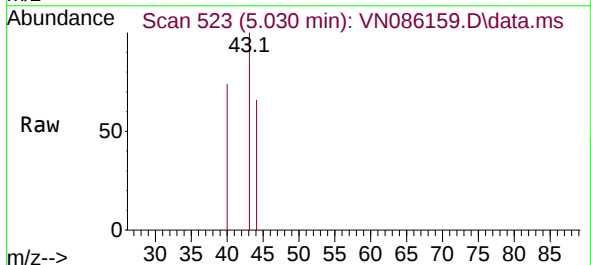
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-007-01

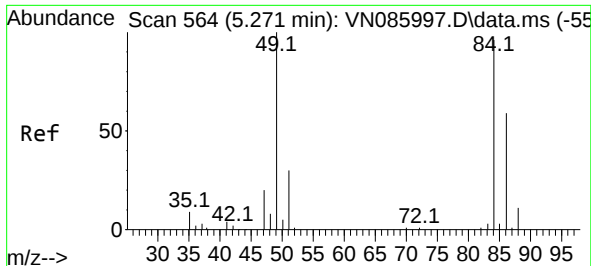
Tgt Ion: 43 Resp: 10983
Ion Ratio Lower Upper
43 100
58 33.2 29.4 44.2



#18
Methyl Acetate
Concen: 0.448 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN086159.D
Acq: 28 Mar 2025 18:42

Tgt Ion: 43 Resp: 777
Ion Ratio Lower Upper
43 100
74 0.0 23.9 35.9#



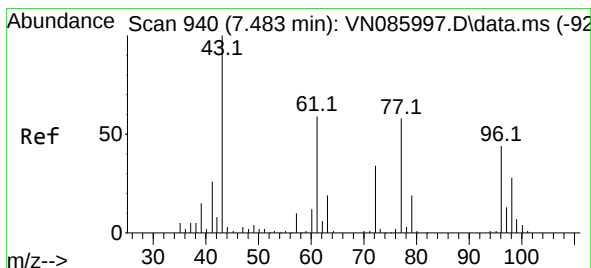
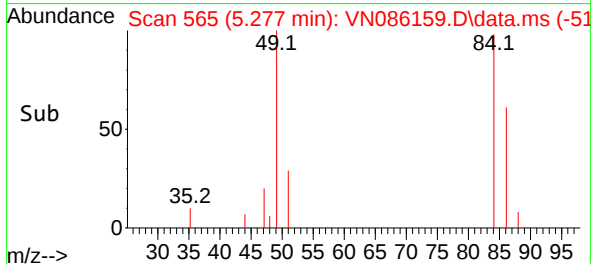
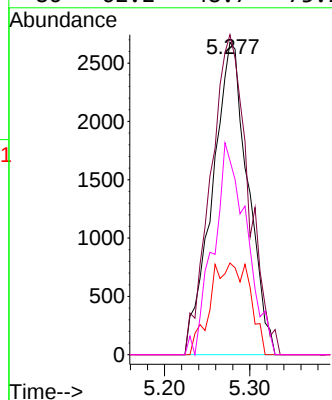
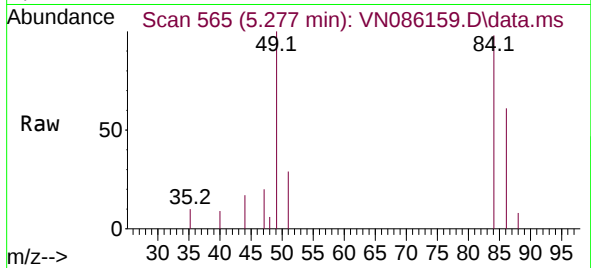


#20
Methylene Chloride
Concen: 3.793 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086159.D
Acq: 28 Mar 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-007-01

Tgt Ion: 84 Resp: 7787

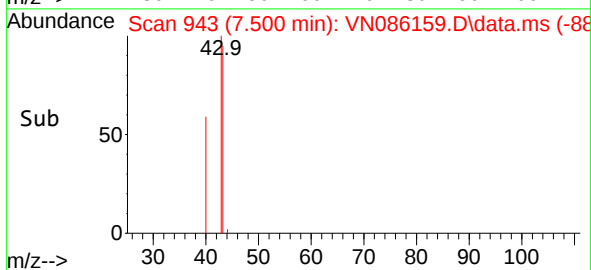
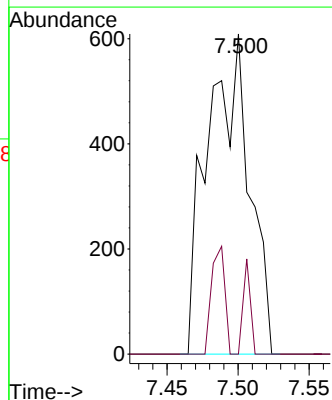
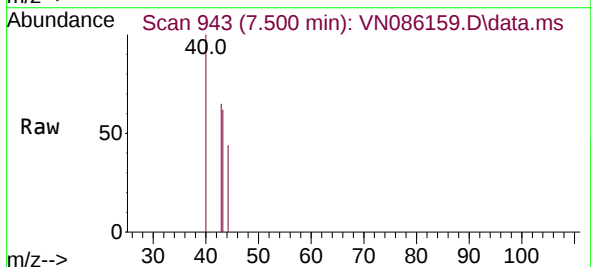
Ion	Ratio	Lower	Upper
84	100		
49	102.5	83.3	124.9
51	29.4	24.8	37.2
86	62.2	48.7	73.1

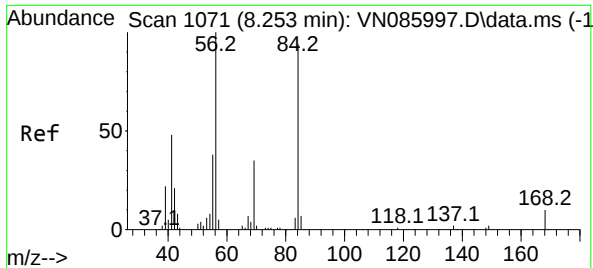


#25
2-Butanone
Concen: 1.232 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.017 min
Lab File: VN086159.D
Acq: 28 Mar 2025 18:42

Tgt Ion: 43 Resp: 1248

Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.4	41.0#

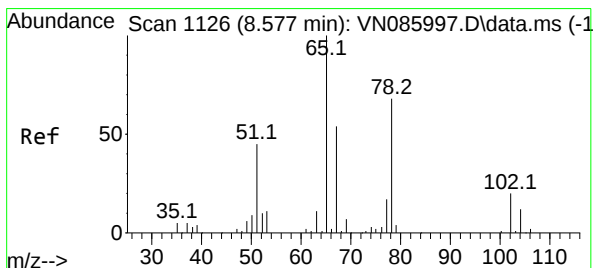
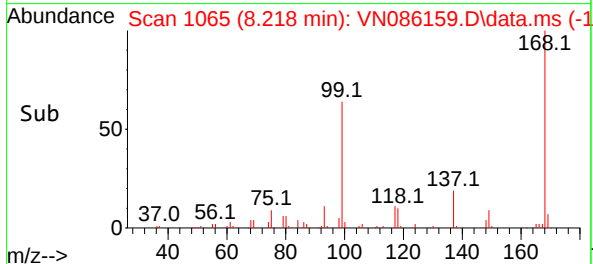
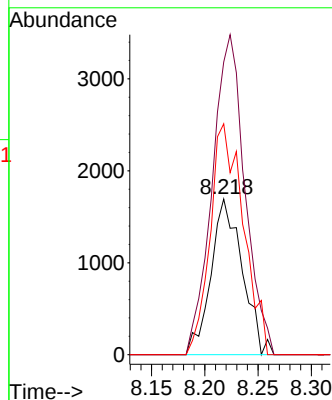
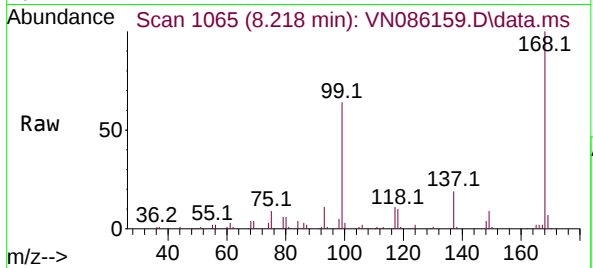




#31
Cyclohexane
Concen: 1.210 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN086159.D
Acq: 28 Mar 2025 18:42

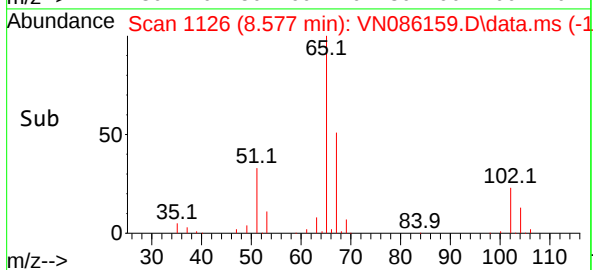
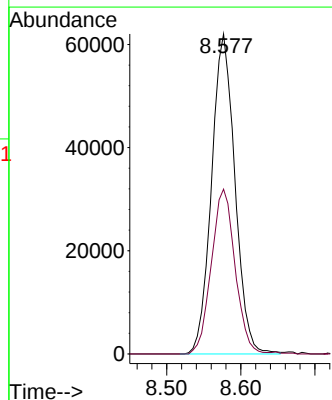
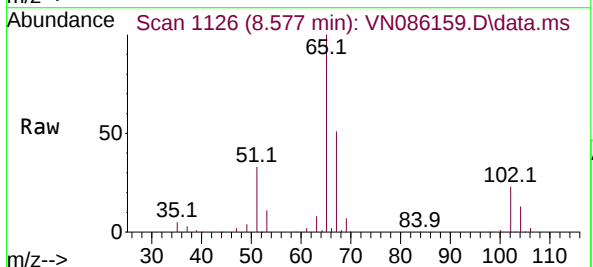
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-007-01

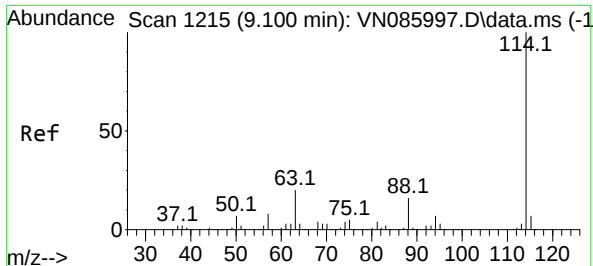
Tgt Ion: 56 Resp: 3463
Ion Ratio Lower Upper
56 100
69 188.1 28.0 42.0#
84 148.4 75.0 112.6#



#33
1,2-Dichloroethane-d4
Concen: 59.171 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086159.D
Acq: 28 Mar 2025 18:42

Tgt Ion: 65 Resp: 135916
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.2

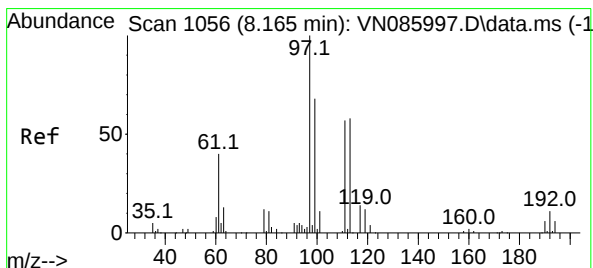
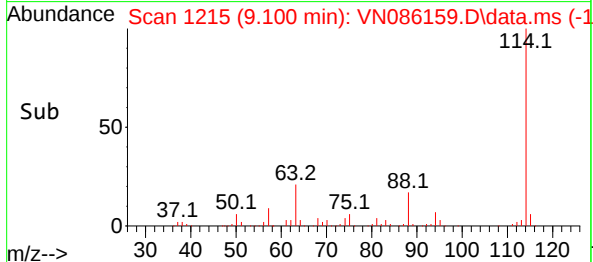
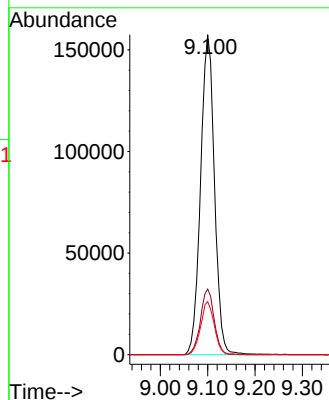
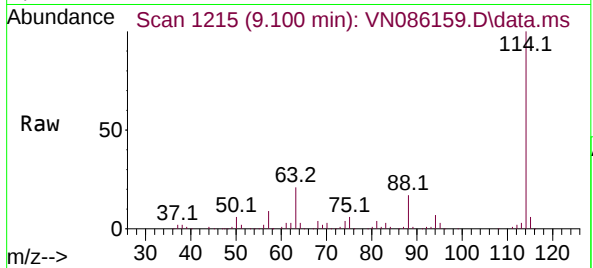




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086159.D
Acq: 28 Mar 2025 18:42

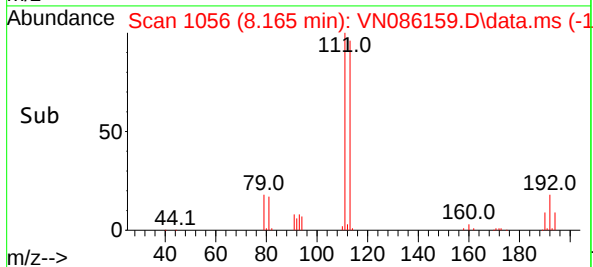
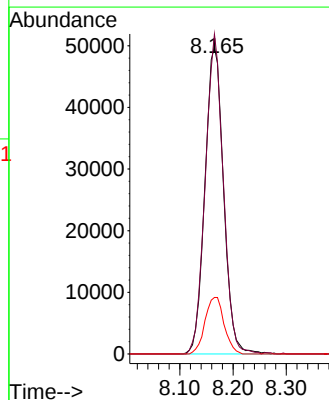
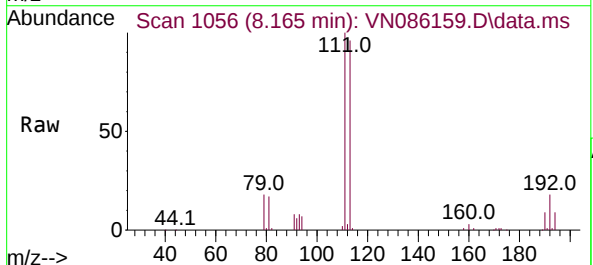
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-007-01

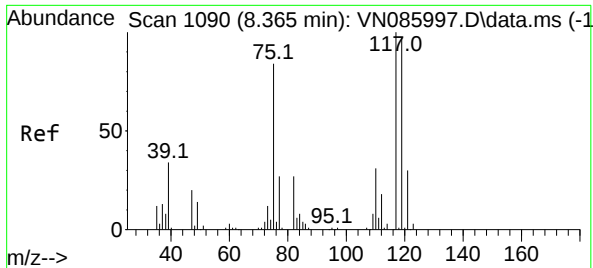
Tgt Ion:114 Resp: 321208
Ion Ratio Lower Upper
114 100
63 20.5 0.0 39.6
88 16.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 54.076 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086159.D
Acq: 28 Mar 2025 18:42

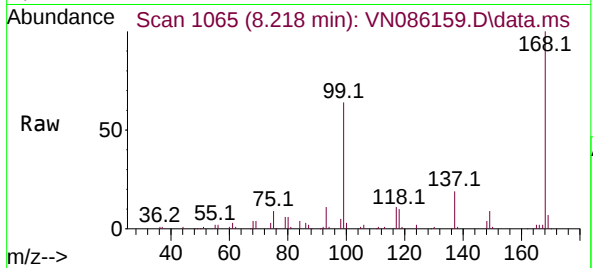
Tgt Ion:113 Resp: 121238
Ion Ratio Lower Upper
113 100
111 100.2 81.8 122.8
192 18.8 15.9 23.9



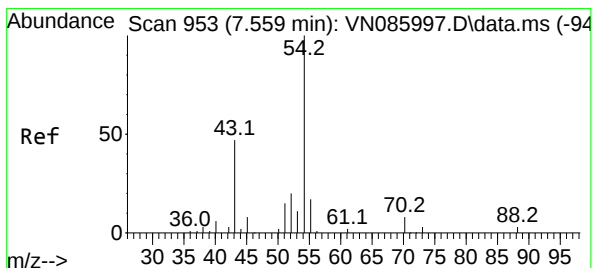
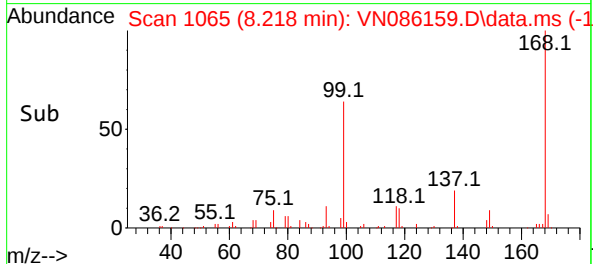
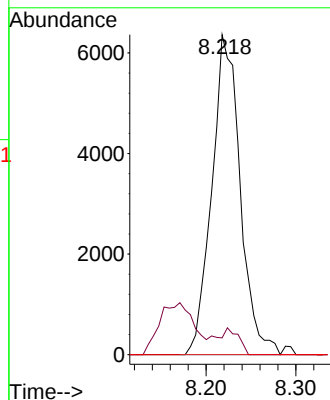


#36
1,1-Dichloropropene
Concen: 4.730 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN086159.D
Acq: 28 Mar 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-007-01

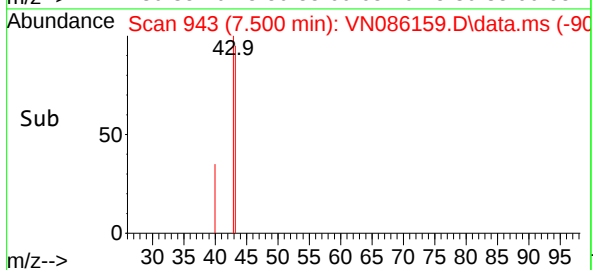
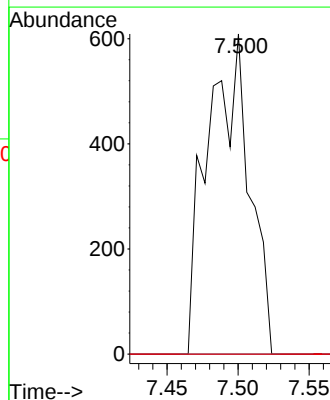
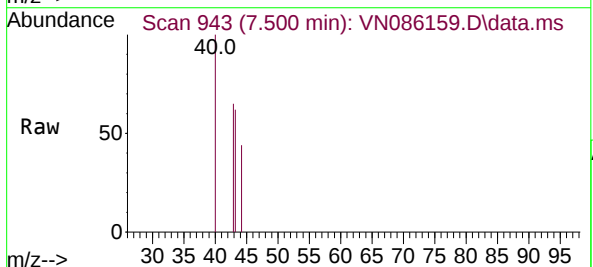


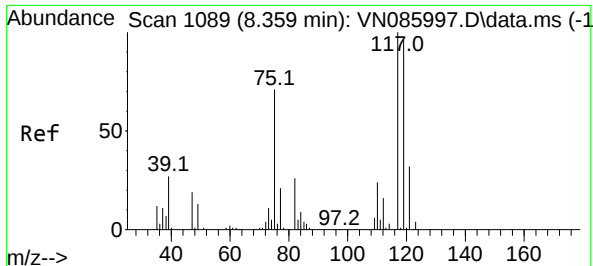
Tgt Ion: 75 Resp: 13964
Ion Ratio Lower Upper
75 100
110 3.9 17.8 53.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.501 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.059 min
Lab File: VN086159.D
Acq: 28 Mar 2025 18:42

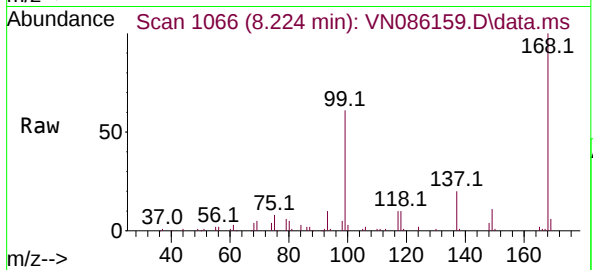
Tgt Ion: 43 Resp: 1248
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.4#
70 0.0 11.0 16.6#



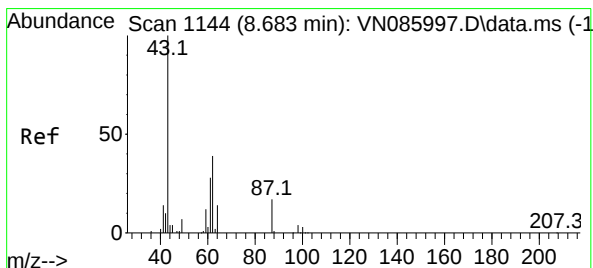
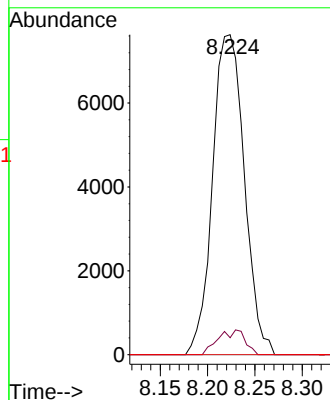
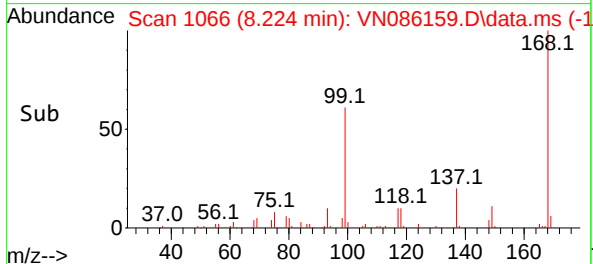


#38
Carbon Tetrachloride
Concen: 4.590 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN086159.D
Acq: 28 Mar 2025 18:42

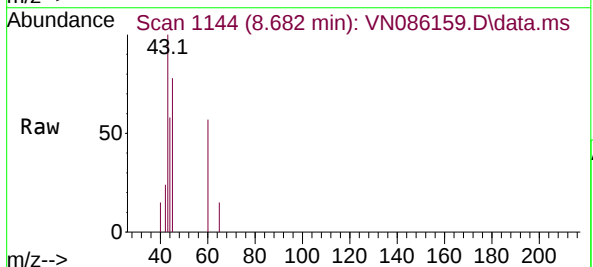
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-007-01



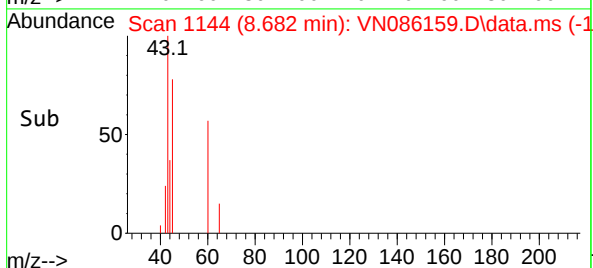
Tgt Ion:117 Resp: 17818
Ion Ratio Lower Upper
117 100
119 5.3 77.0 115.4#
121 0.0 25.6 38.4#

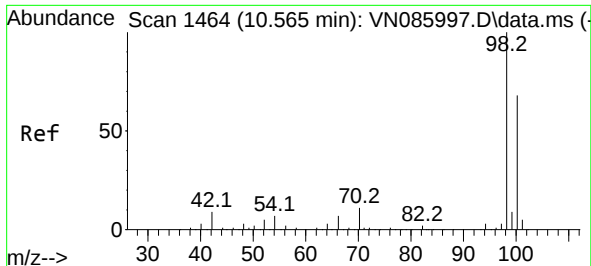


#43
Isopropyl Acetate
Concen: 0.987 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086159.D
Acq: 28 Mar 2025 18:42



Tgt Ion: 43 Resp: 5328
Ion Ratio Lower Upper
43 100
61 0.0 25.0 37.6#
87 0.0 13.0 19.4#

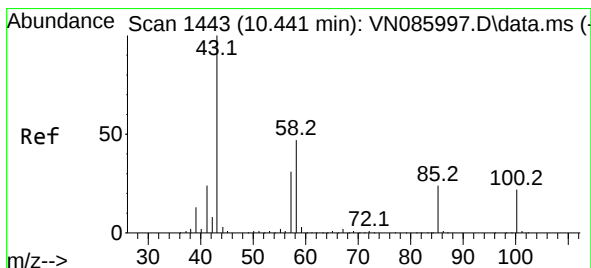
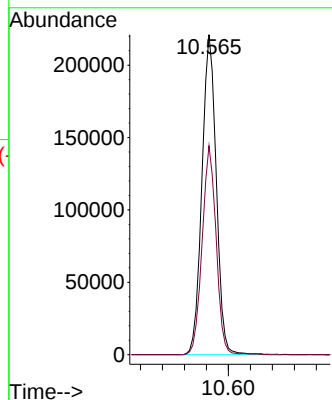
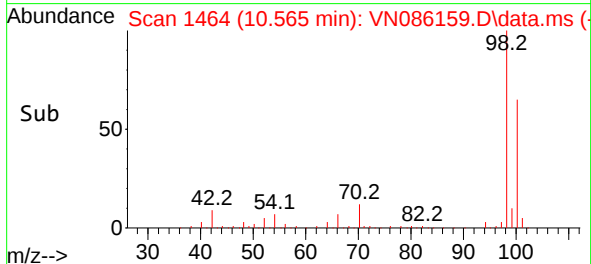
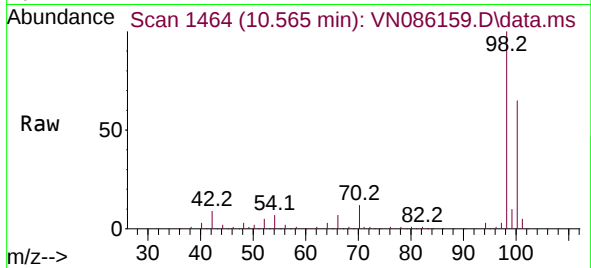




#50
Toluene-d8
Concen: 49.194 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086159.D
Acq: 28 Mar 2025 18:42

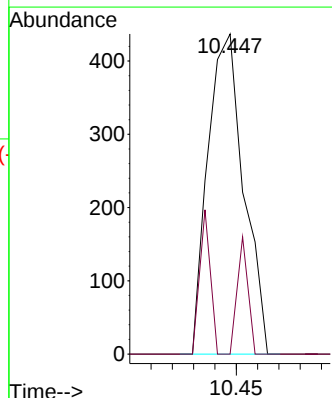
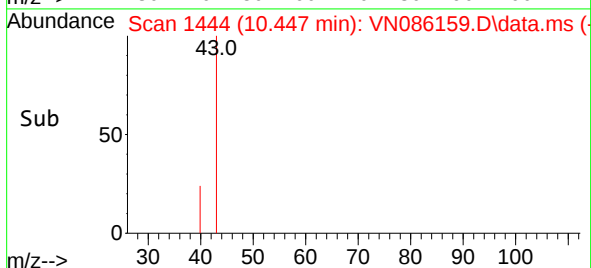
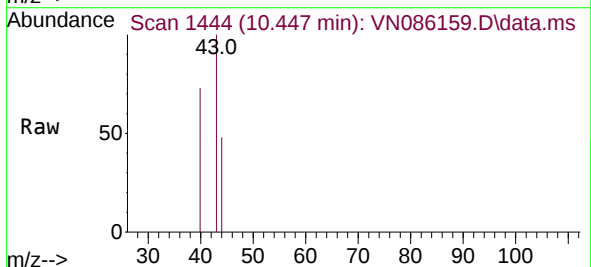
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-007-01

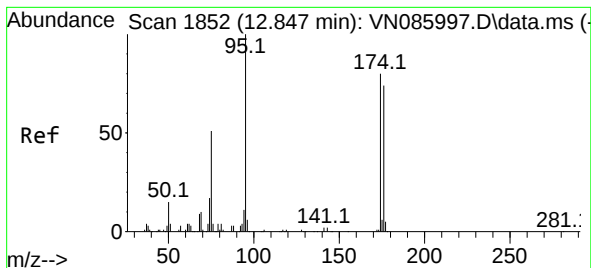
Tgt Ion: 98 Resp: 400286
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.215 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN086159.D
Acq: 28 Mar 2025 18:42

Tgt Ion: 43 Resp: 512
Ion Ratio Lower Upper
43 100
58 0.0 37.4 56.0#

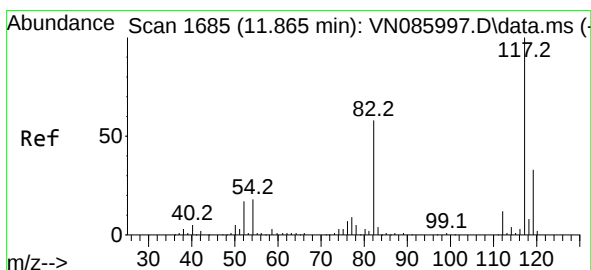
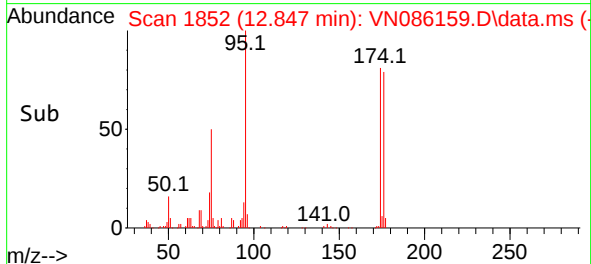
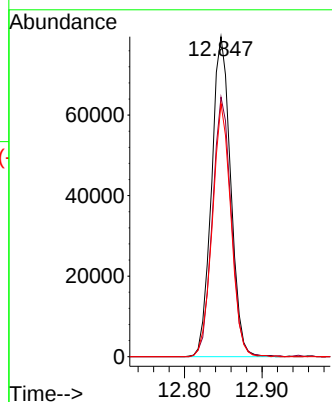
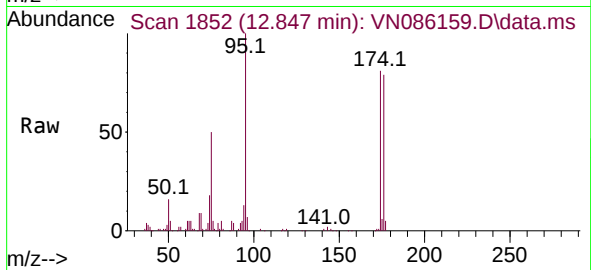




#62
4-Bromofluorobenzene
Concen: 46.974 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086159.D
Acq: 28 Mar 2025 18:42

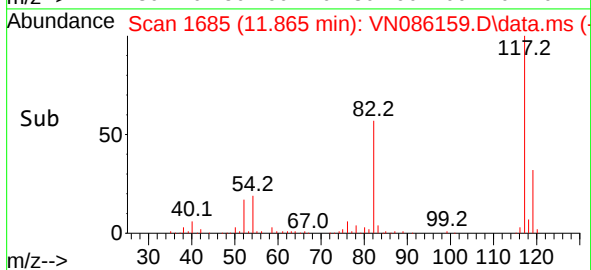
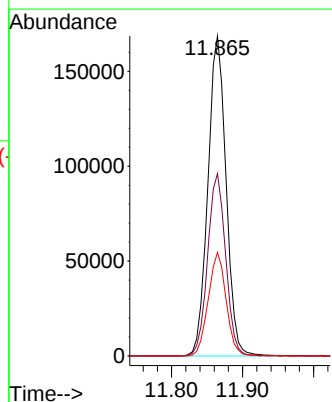
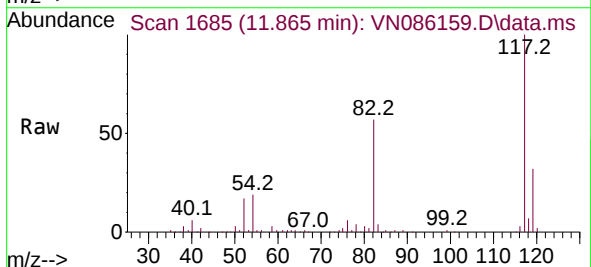
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-007-01

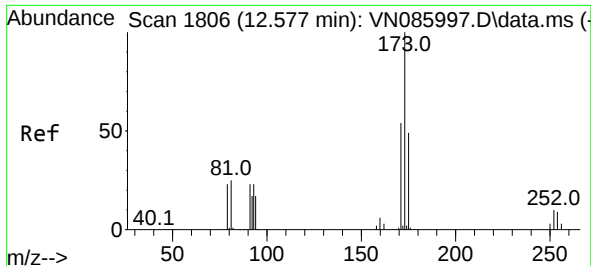
Tgt Ion: 95 Resp: 136311
Ion Ratio Lower Upper
95 100
174 80.0 0.0 156.8
176 76.6 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086159.D
Acq: 28 Mar 2025 18:42

Tgt Ion: 117 Resp: 300008
Ion Ratio Lower Upper
117 100
82 57.0 46.7 70.1
119 32.3 26.5 39.7

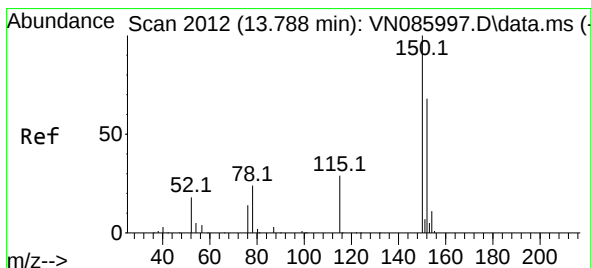
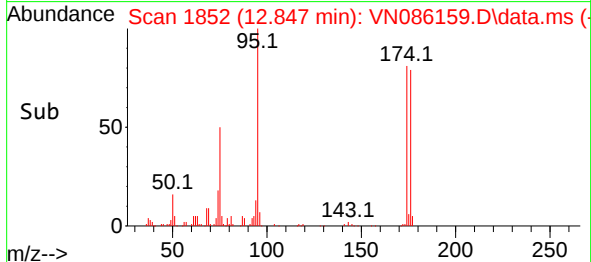
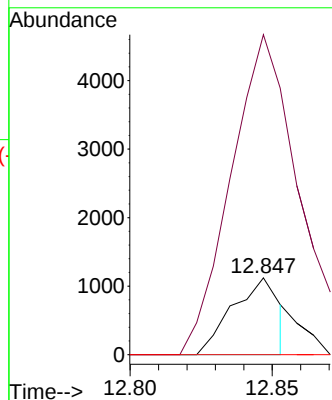
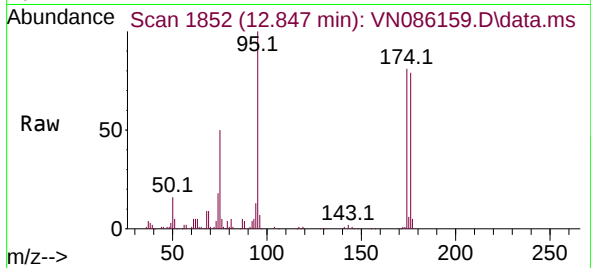




#71
Bromoform
Concen: 0.604 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.270 min
Lab File: VN086159.D
Acq: 28 Mar 2025 18:42

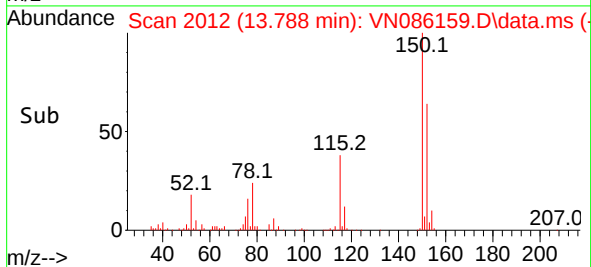
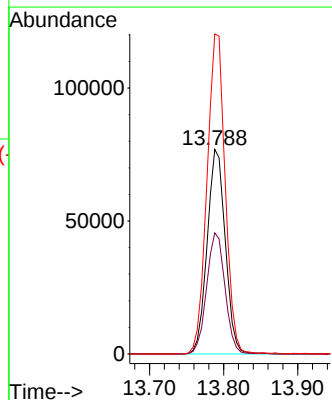
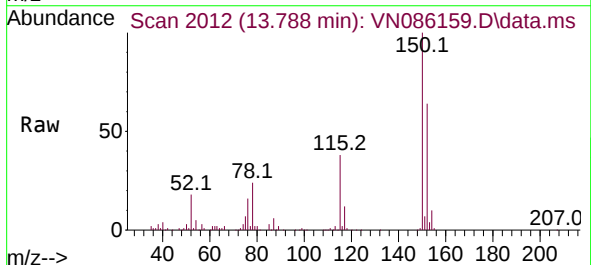
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-007-01

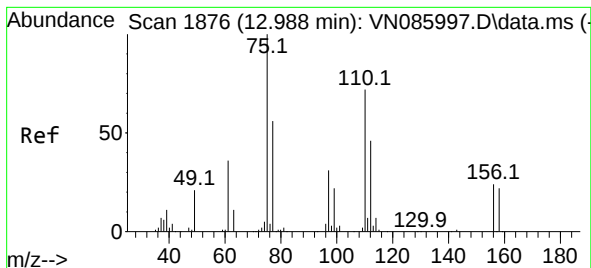
Tgt Ion:173 Resp: 1289
Ion Ratio Lower Upper
173 100
175 455.6 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN086159.D
Acq: 28 Mar 2025 18:42

Tgt Ion:152 Resp: 130900
Ion Ratio Lower Upper
152 100
115 59.7 31.1 93.2
150 156.8 0.0 359.6





#76

1,2,3-Trichloropropane

Concen: 22.479 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN086159.D

Acq: 28 Mar 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

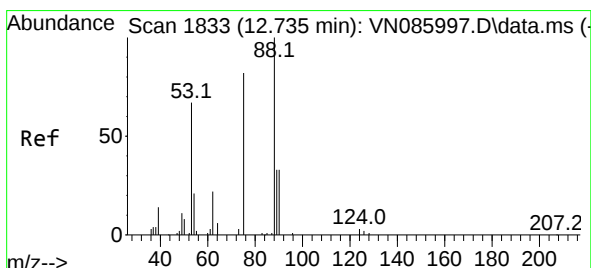
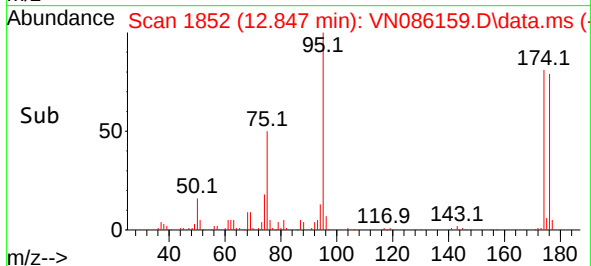
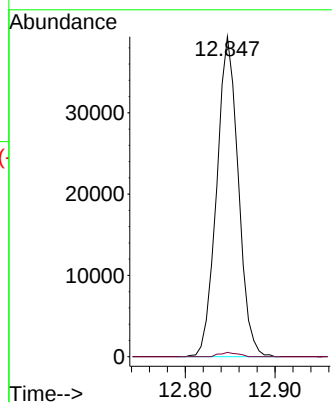
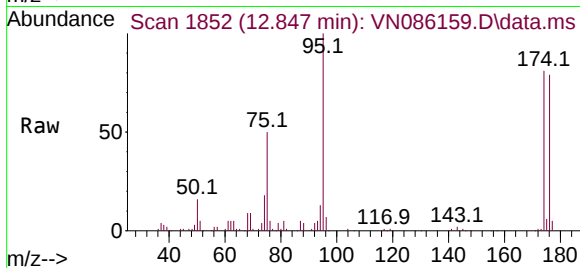
P001-BBDGA-007-01

Tgt Ion: 75 Resp: 65877

Ion Ratio Lower Upper

75 100

77 1.1 83.7 251.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 59.431 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN086159.D

Acq: 28 Mar 2025 18:42

Tgt Ion: 75 Resp: 65877

Ion Ratio Lower Upper

75 100

53 0.2 66.0 99.0#

89 0.0 36.9 55.3#

