

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022425\
 Data File : VN085844.D
 Acq On : 24 Feb 2025 18:02
 Operator : JC\MD
 Sample : Q1415-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-173-GW01

Quant Time: Feb 25 01:58:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

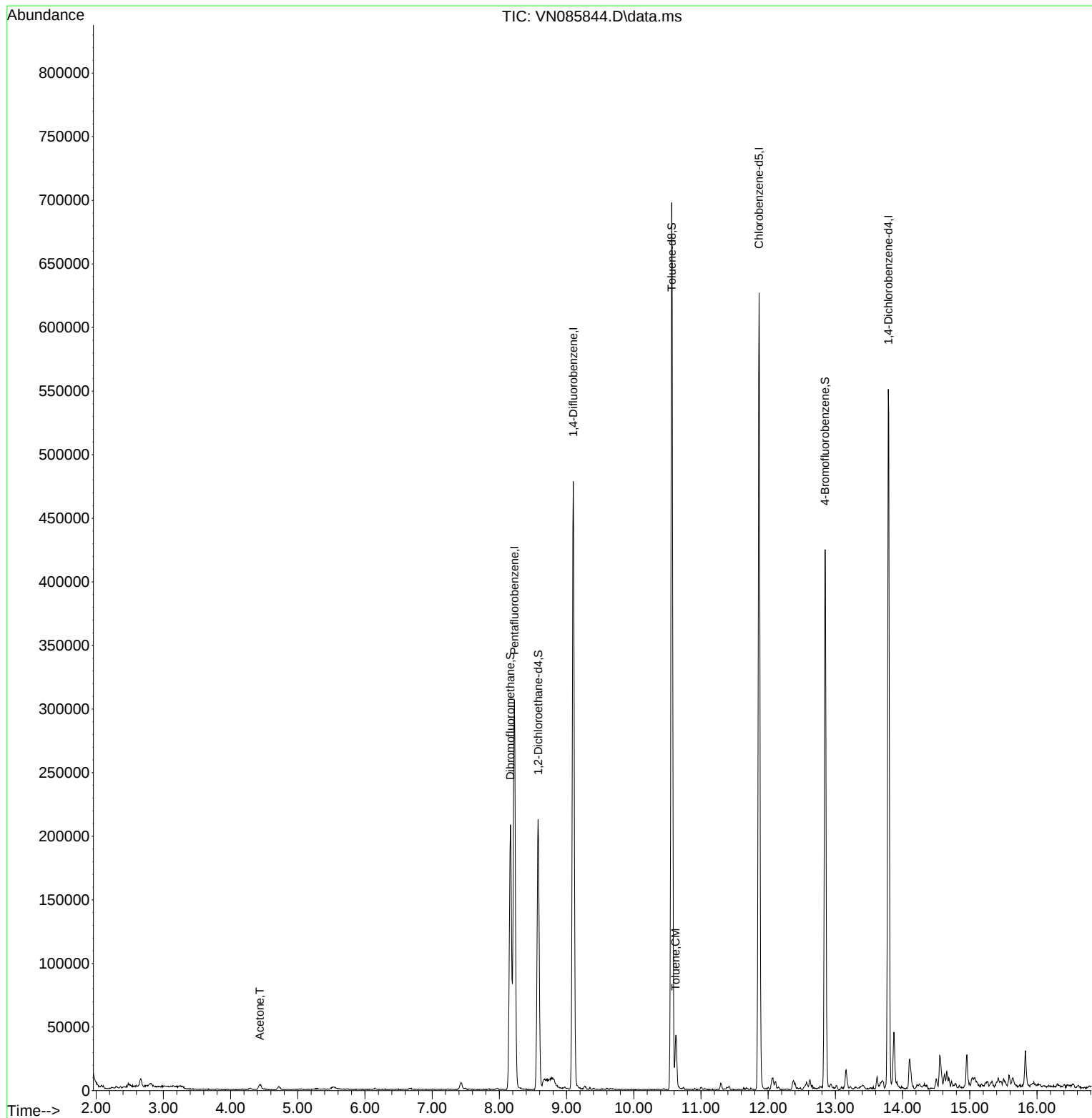
Internal Standards						
1) Pentafluorobenzene	8.224	168	217128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	416577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	372406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	157372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	170001	60.391	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 120.780%		
35) Dibromofluoromethane	8.165	113	151695	55.650	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 111.300%		
50) Toluene-d8	10.565	98	493499	49.760	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 99.520%		
62) 4-Bromofluorobenzene	12.847	95	152352	46.625	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	= 93.240%		
Target Compounds						Qvalue
16) Acetone	4.436	43	8069	9.059	ug/l	93
52) Toluene	10.623	92	18152	2.504	ug/l	97

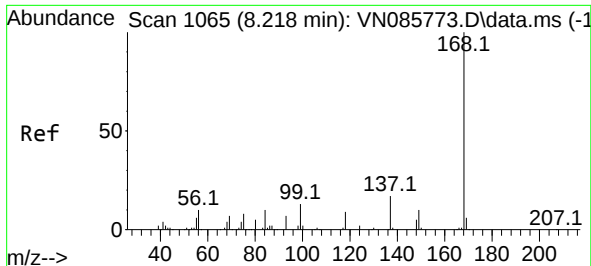
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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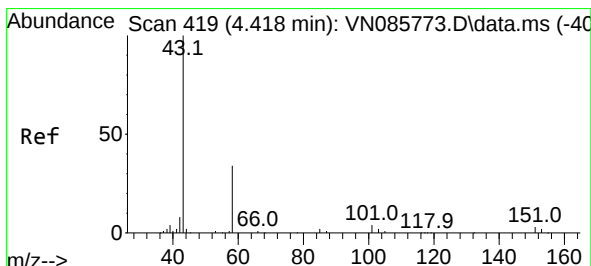
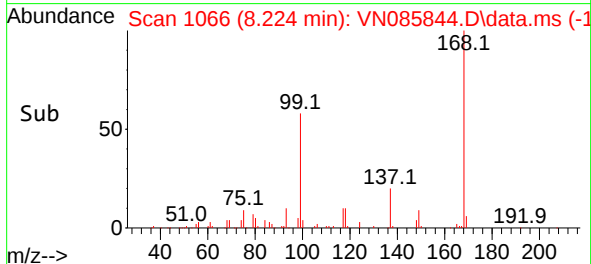
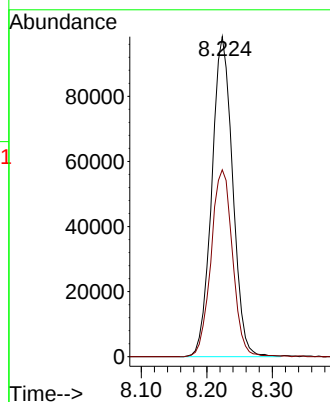
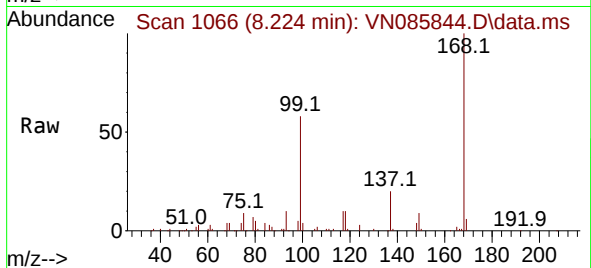




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085844.D
Acq: 24 Feb 2025 18:02

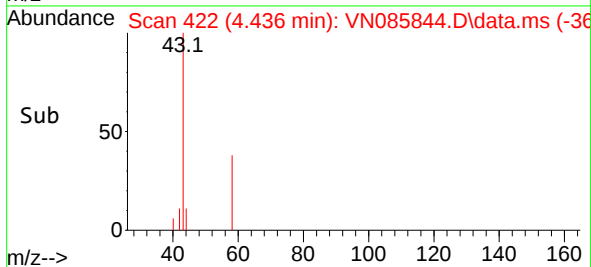
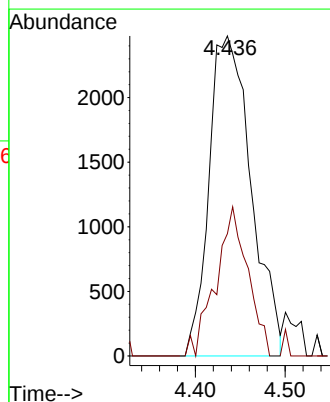
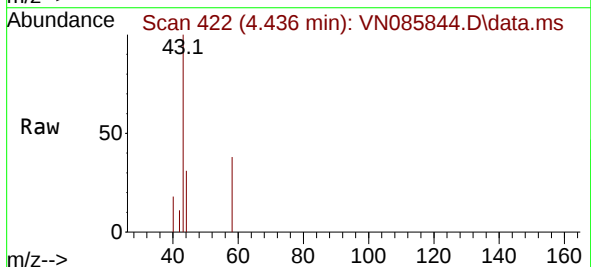
Instrument :
MSVOA_N
ClientSampleId :
B-173-GW01

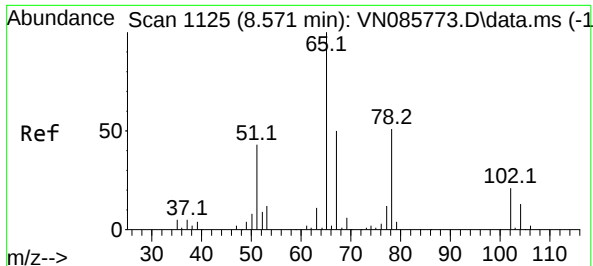
Tgt Ion:168 Resp: 217128
Ion Ratio Lower Upper
168 100
99 58.4 47.9 71.9



#16
Acetone
Concen: 9.059 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085844.D
Acq: 24 Feb 2025 18:02

Tgt Ion: 43 Resp: 8069
Ion Ratio Lower Upper
43 100
58 38.2 27.5 41.3





#33

1,2-Dichloroethane-d4

Concen: 60.391 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085844.D

Acq: 24 Feb 2025 18:02

Instrument :

MSVOA_N

ClientSampleId :

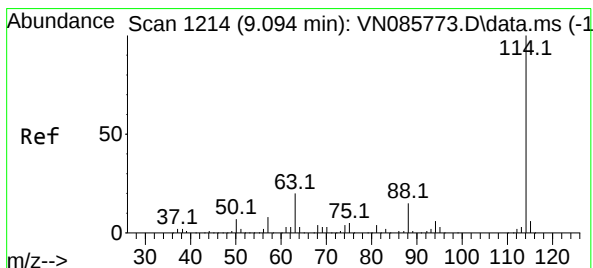
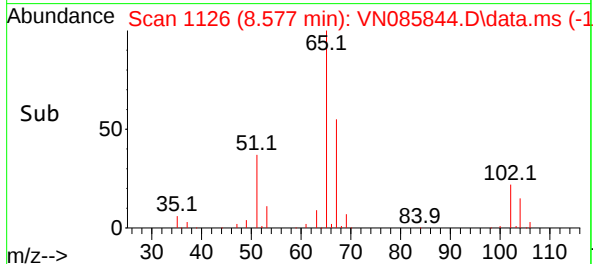
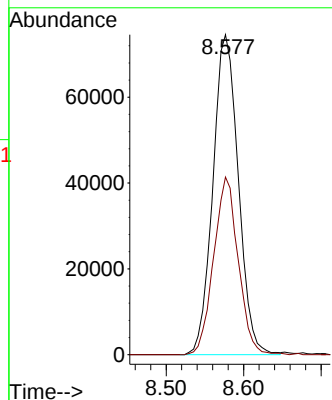
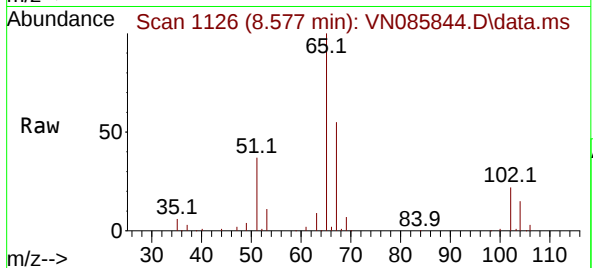
B-173-GW01

Tgt Ion: 65 Resp: 170001

Ion Ratio Lower Upper

65 100

67 53.6 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085844.D

Acq: 24 Feb 2025 18:02

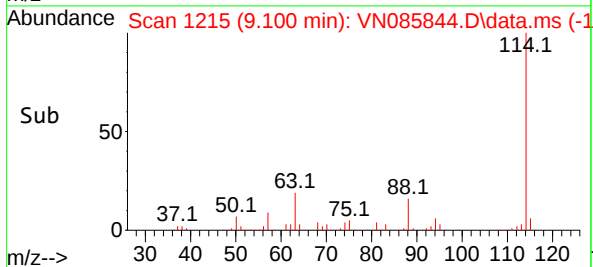
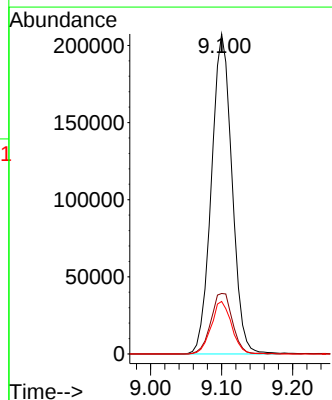
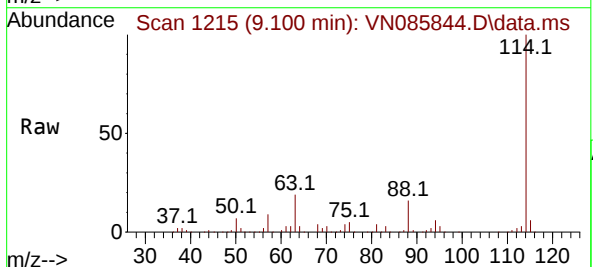
Tgt Ion: 114 Resp: 416577

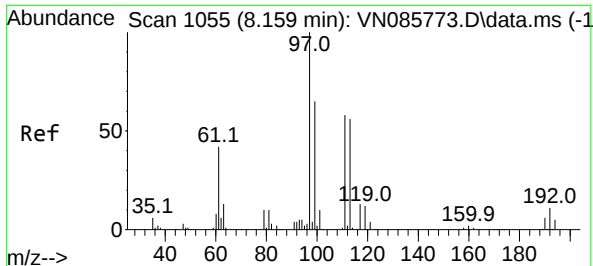
Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.2

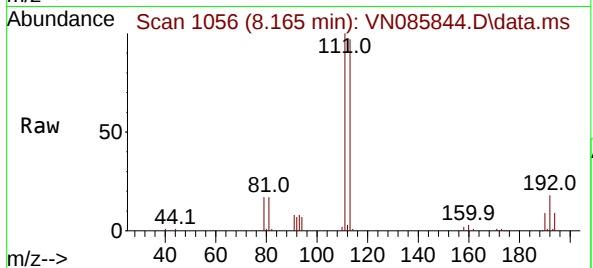
88 16.4 0.0 30.0



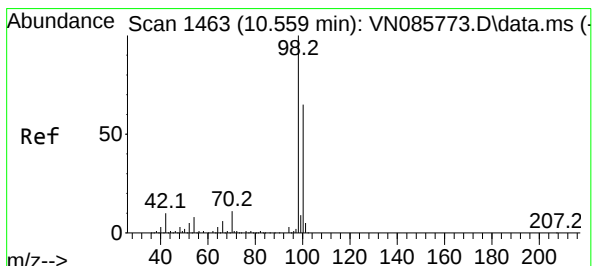
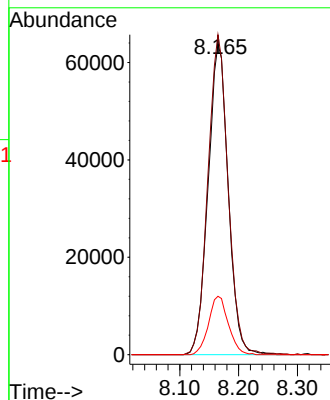
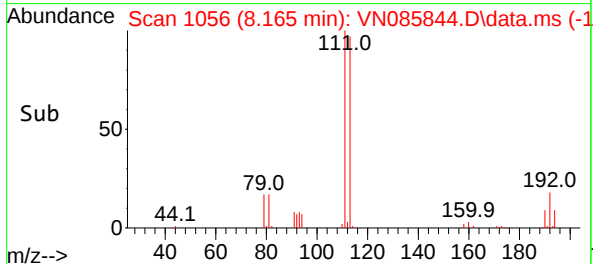


#35
Dibromofluoromethane
Concen: 55.650 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085844.D
Acq: 24 Feb 2025 18:02

Instrument :
MSVOA_N
ClientSampleId :
B-173-GW01

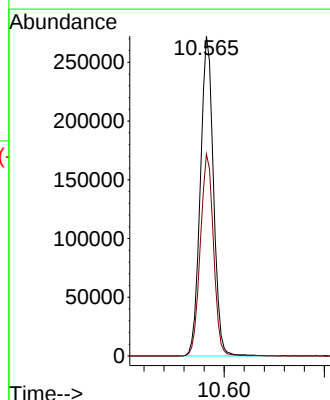
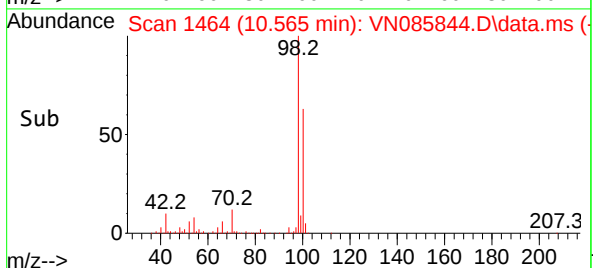
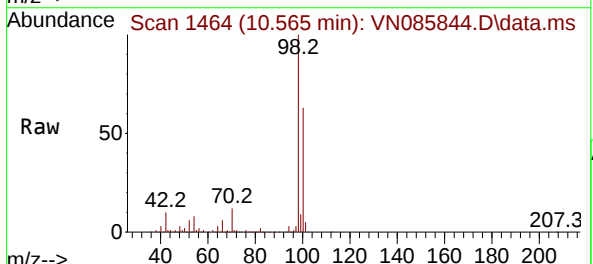


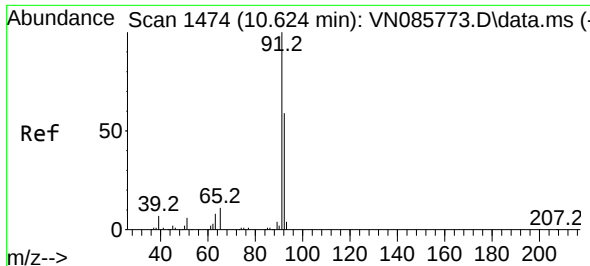
Tgt Ion:113 Resp: 151695
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 18.5 14.7 22.1



#50
Toluene-d8
Concen: 49.760 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085844.D
Acq: 24 Feb 2025 18:02

Tgt Ion: 98 Resp: 493499
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1

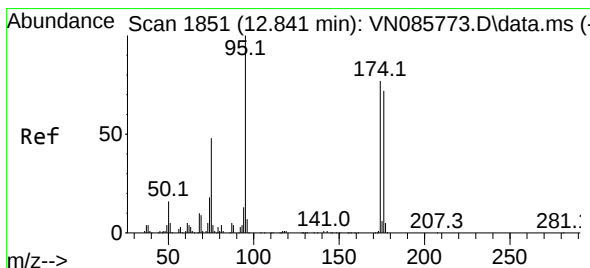
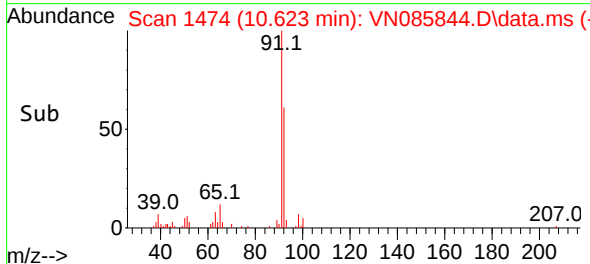
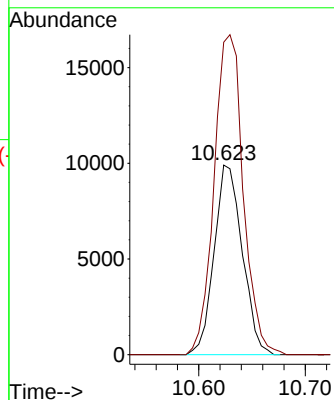
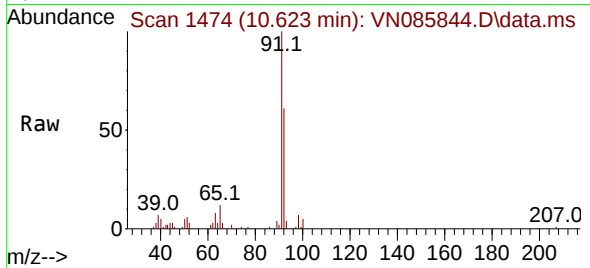




#52
Toluene
Concen: 2.504 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VN085844.D
Acq: 24 Feb 2025 18:02

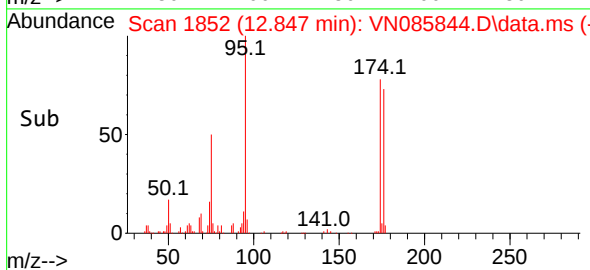
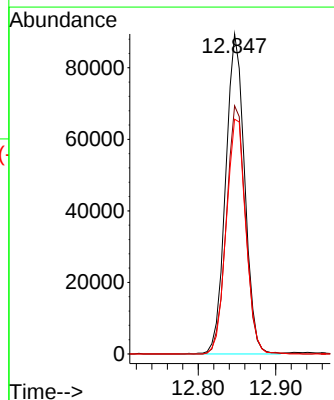
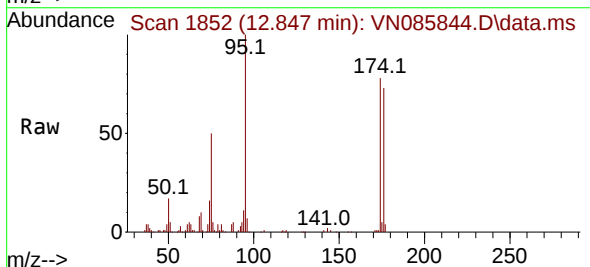
Instrument :
MSVOA_N
ClientSampleId :
B-173-GW01

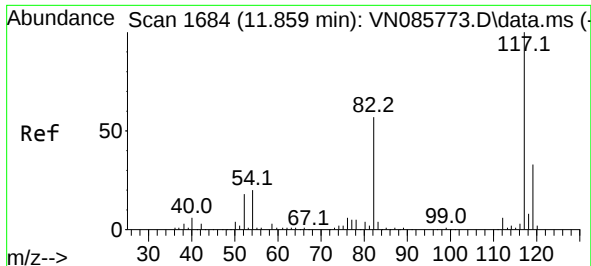
Tgt Ion: 92 Resp: 18152
Ion Ratio Lower Upper
92 100
91 175.6 136.9 205.3



#62
4-Bromofluorobenzene
Concen: 46.625 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085844.D
Acq: 24 Feb 2025 18:02

Tgt Ion: 95 Resp: 152352
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.4
176 75.6 0.0 146.6

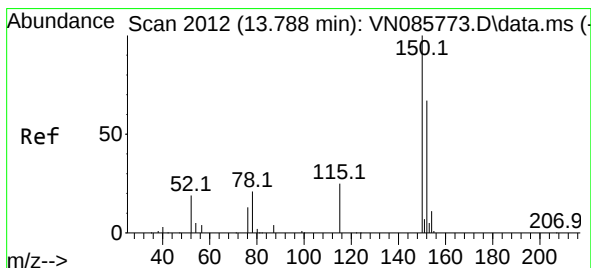
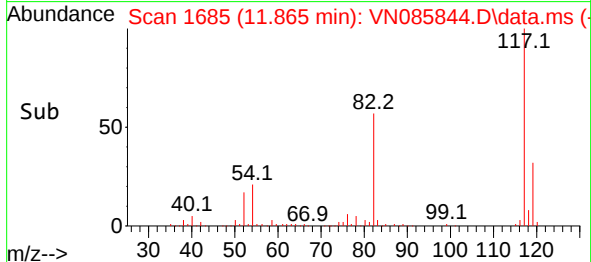
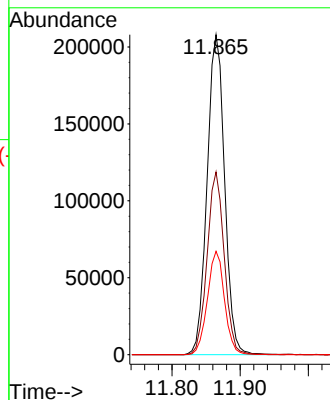
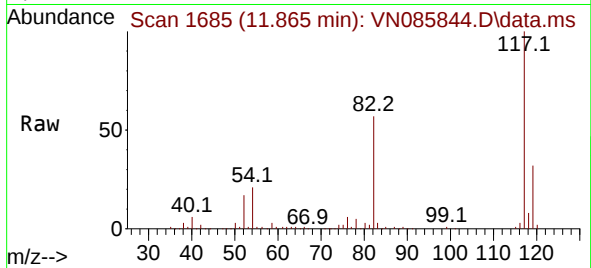




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085844.D
Acq: 24 Feb 2025 18:02

Instrument :
MSVOA_N
ClientSampleId :
B-173-GW01

Tgt Ion:117 Resp: 372406
Ion Ratio Lower Upper
117 100
82 57.1 45.7 68.5
119 32.3 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085844.D
Acq: 24 Feb 2025 18:02

Tgt Ion:152 Resp: 157372
Ion Ratio Lower Upper
152 100
115 60.9 30.4 91.3
150 157.9 0.0 345.4

