

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121323\
 Data File : VN080473.D
 Acq On : 13 Dec 2023 19:38
 Operator : JC\MD
 Sample : 05812-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW2

Quant Time: Dec 14 04:12:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

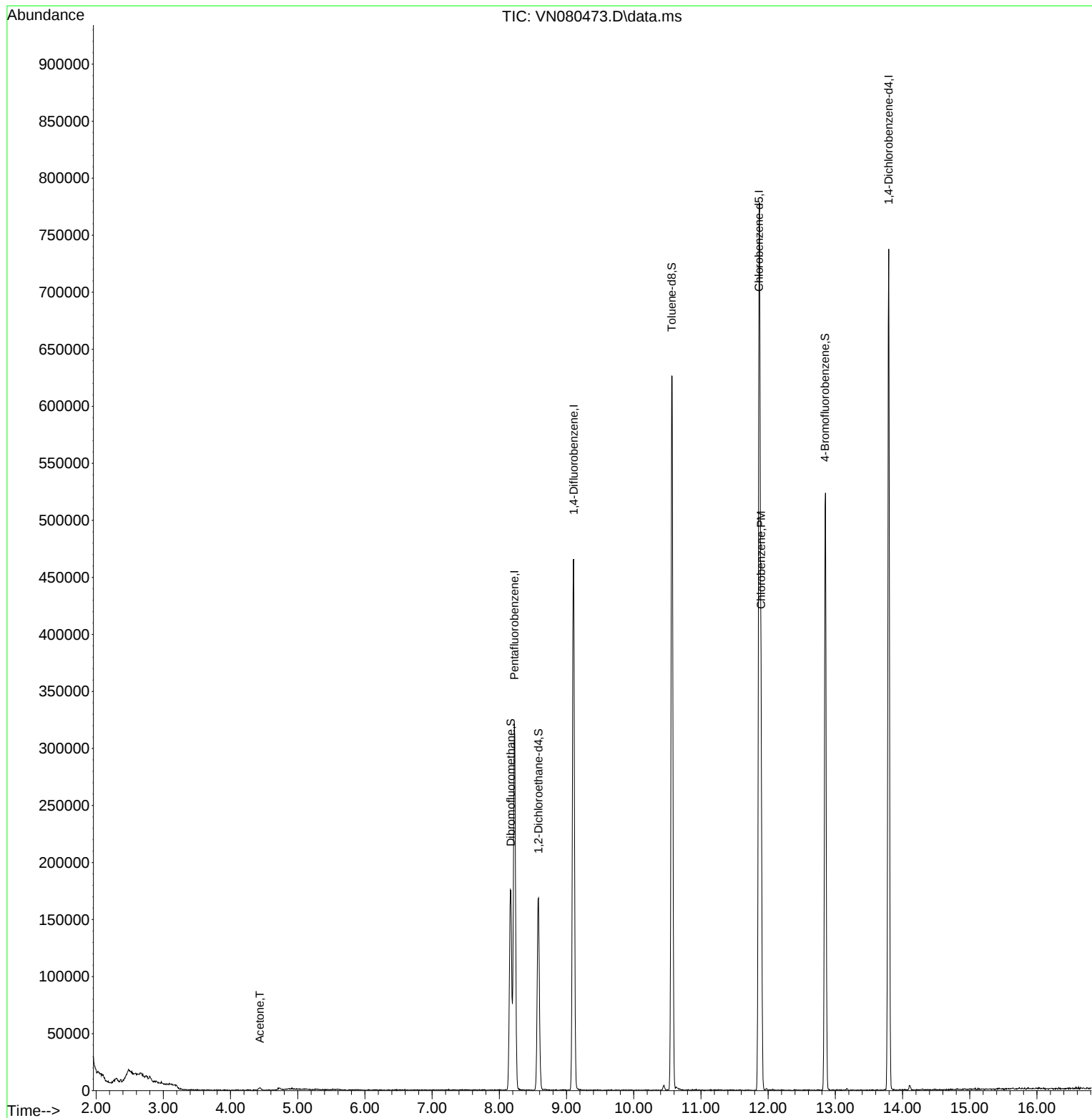
Internal Standards						
1) Pentafluorobenzene	8.224	168	229445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	412998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	431793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	193263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	151298	51.628	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.260%			
35) Dibromofluoromethane	8.171	113	126511	48.313	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.620%			
50) Toluene-d8	10.565	98	454724	46.562	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.120%			
62) 4-Bromofluorobenzene	12.847	95	185406	49.997	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.000%			
Target Compounds						Qvalue
16) Acetone	4.436	43	3976	7.652	ug/l #	85
65) Chlorobenzene	11.894	112	186101	19.375	ug/l	99

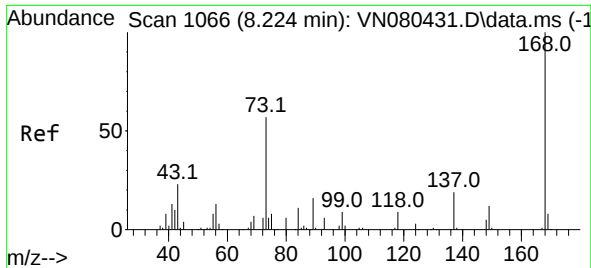
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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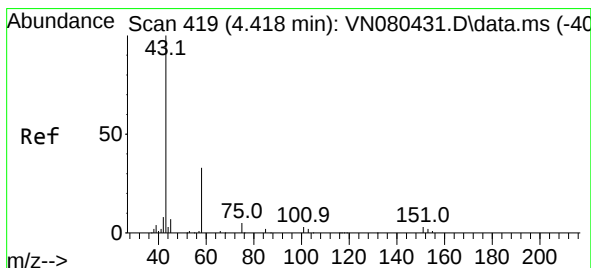
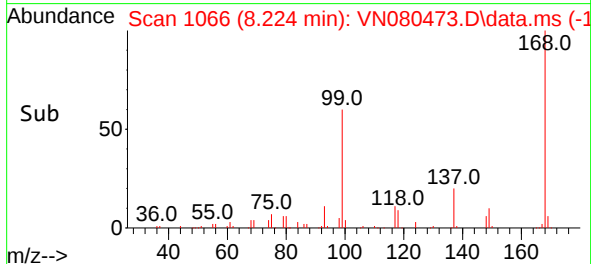
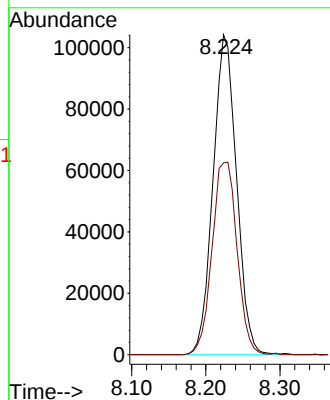
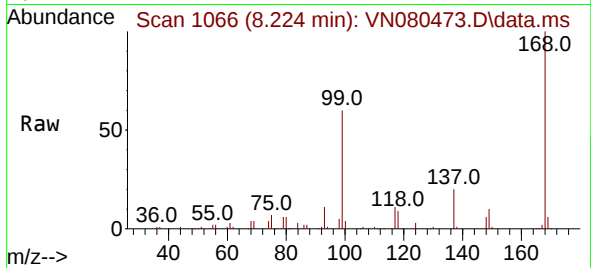




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080473.D
Acq: 13 Dec 2023 19:38

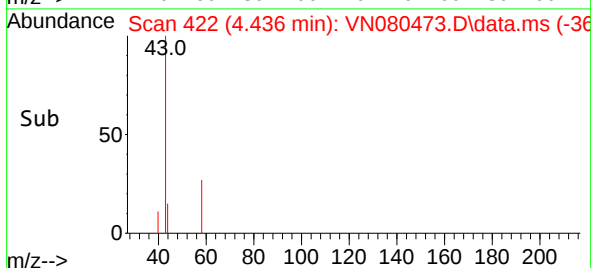
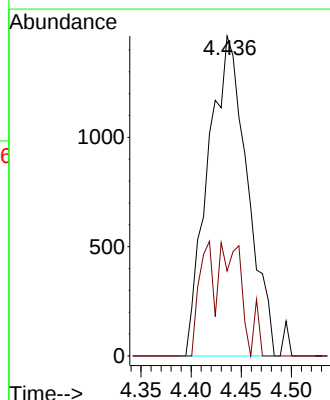
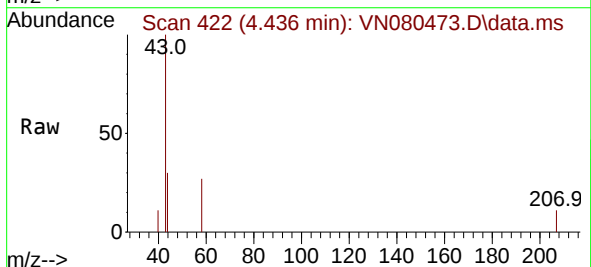
Instrument :
MSVOA_N
ClientSampleId :
RW2

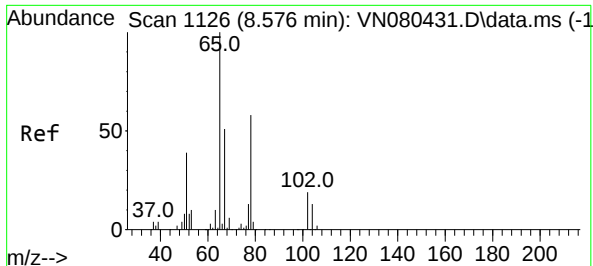
Tgt Ion:168 Resp: 229445
Ion Ratio Lower Upper
168 100
99 59.9 53.0 79.6



#16
Acetone
Concen: 7.652 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN080473.D
Acq: 13 Dec 2023 19:38

Tgt Ion: 43 Resp: 3976
Ion Ratio Lower Upper
43 100
58 26.6 28.0 42.0#





#33

1,2-Dichloroethane-d4

Concen: 51.628 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080473.D

Acq: 13 Dec 2023 19:38

Instrument :

MSVOA_N

ClientSampleId :

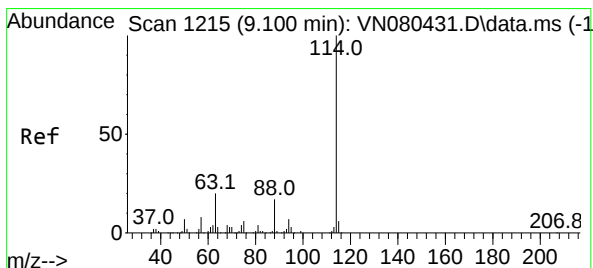
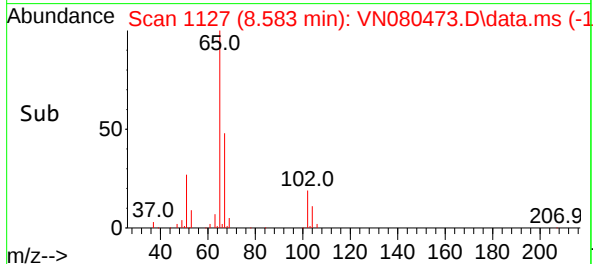
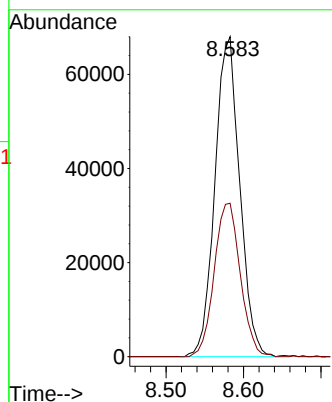
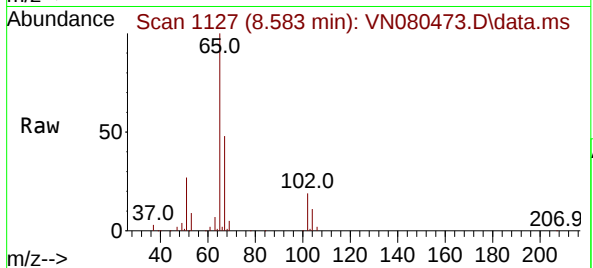
RW2

Tgt Ion: 65 Resp: 151298

Ion Ratio Lower Upper

65 100

67 50.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080473.D

Acq: 13 Dec 2023 19:38

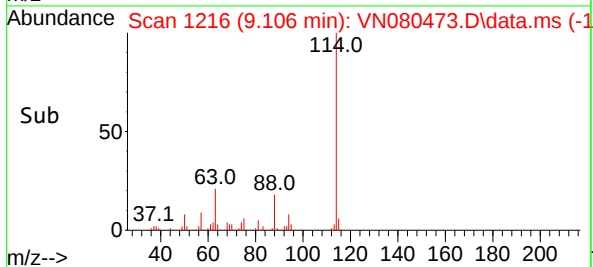
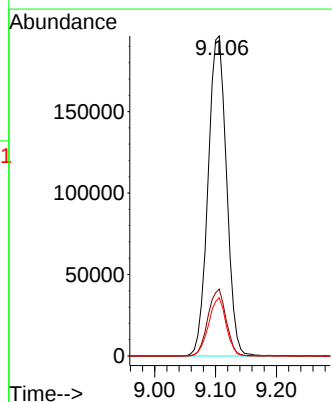
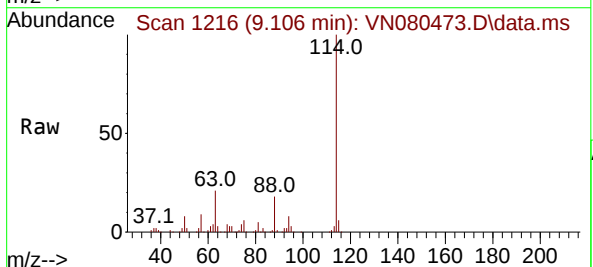
Tgt Ion: 114 Resp: 412998

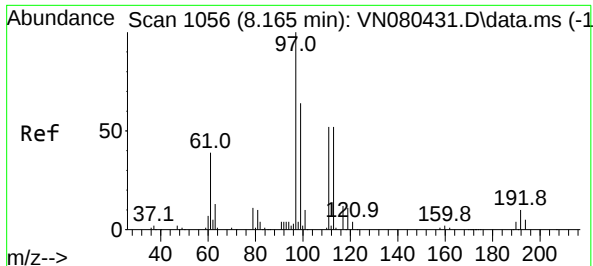
Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 18.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.313 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080473.D

Acq: 13 Dec 2023 19:38

Instrument :

MSVOA_N

ClientSampleId :

RW2

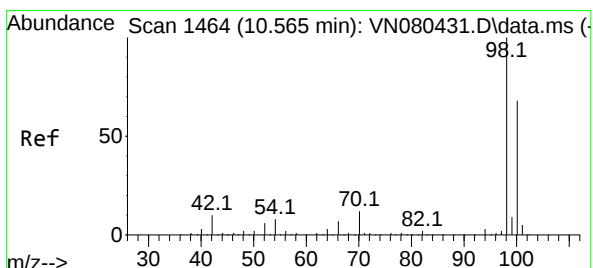
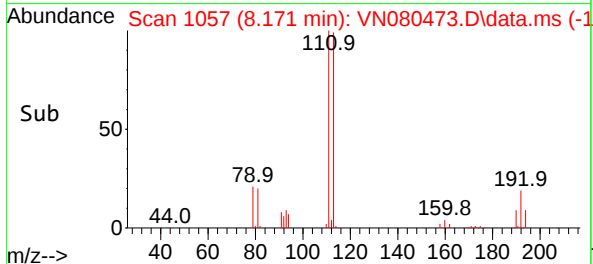
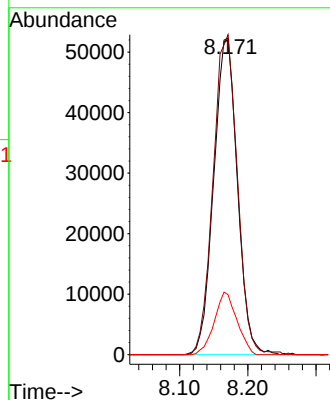
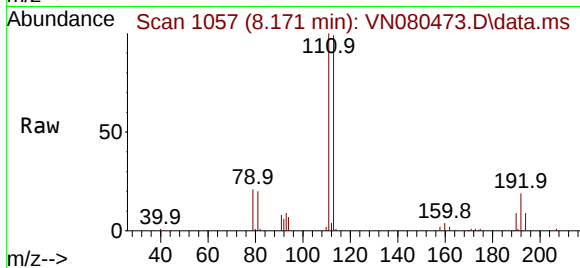
Tgt Ion:113 Resp: 126511

Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

192 18.9 12.7 19.1



#50

Toluene-d8

Concen: 46.562 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080473.D

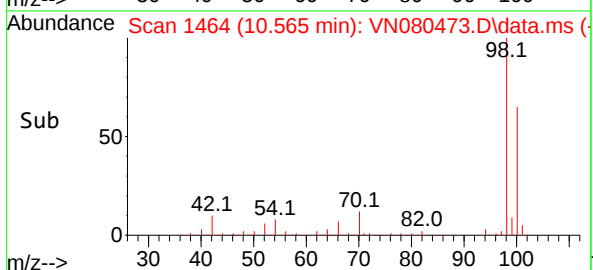
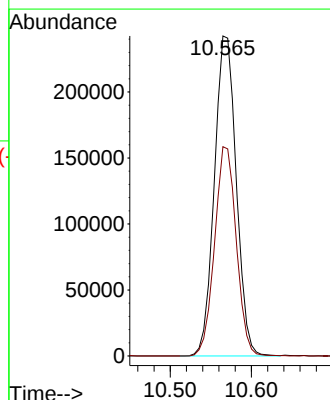
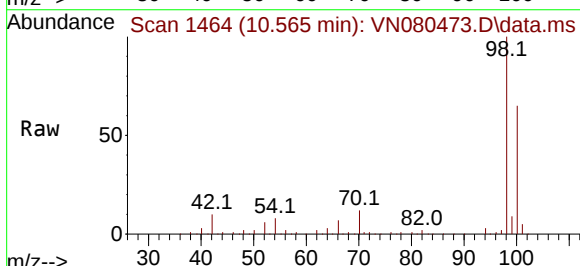
Acq: 13 Dec 2023 19:38

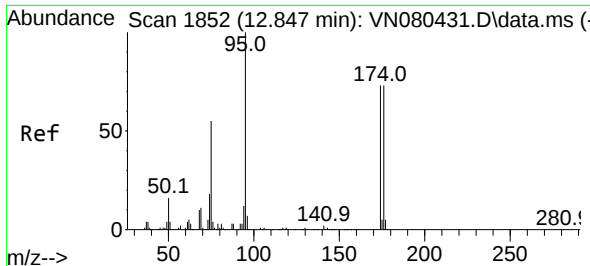
Tgt Ion: 98 Resp: 454724

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0

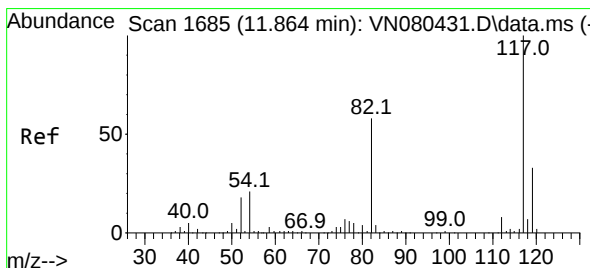
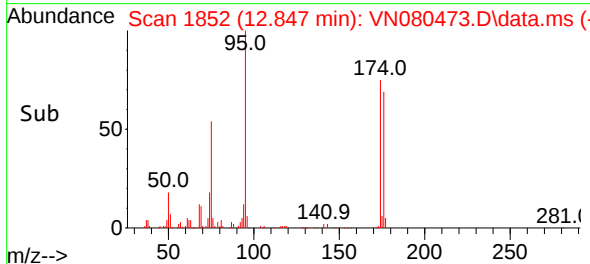
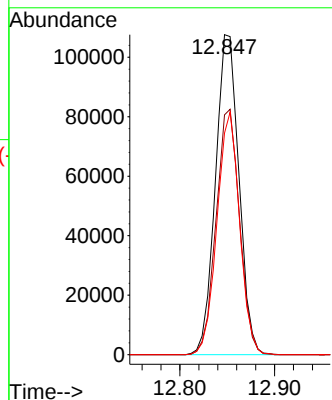
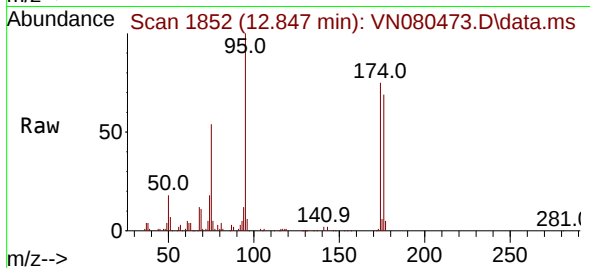




#62
4-Bromofluorobenzene
Concen: 49.997 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080473.D
Acq: 13 Dec 2023 19:38

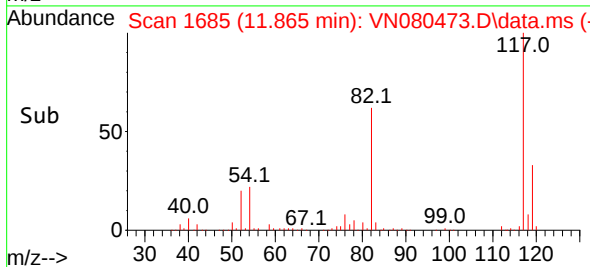
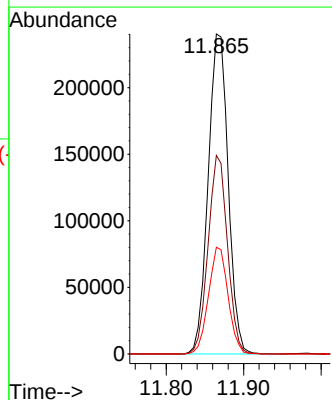
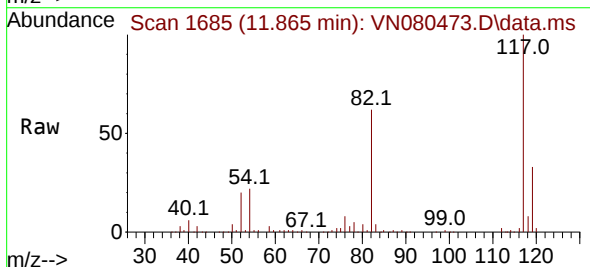
Instrument :
MSVOA_N
ClientSampleId :
RW2

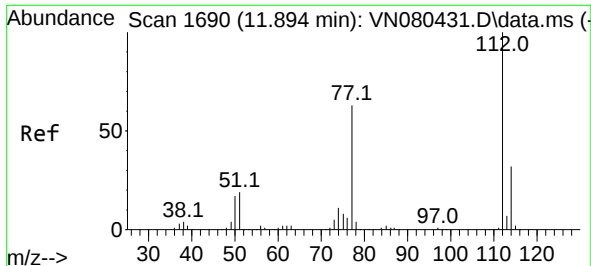
Tgt Ion: 95 Resp: 185406
Ion Ratio Lower Upper
95 100
174 76.6 0.0 143.8
176 72.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080473.D
Acq: 13 Dec 2023 19:38

Tgt Ion: 117 Resp: 431793
Ion Ratio Lower Upper
117 100
82 62.1 44.0 66.0
119 33.4 25.6 38.4

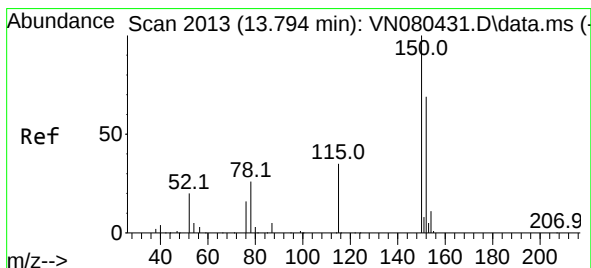
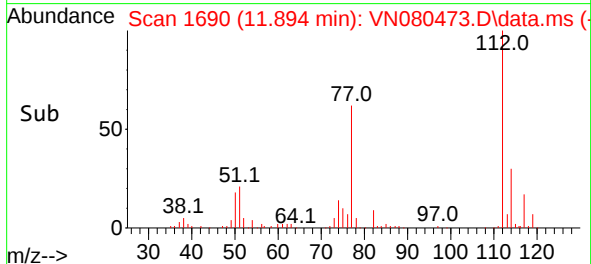
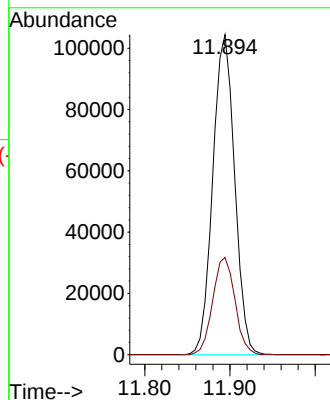
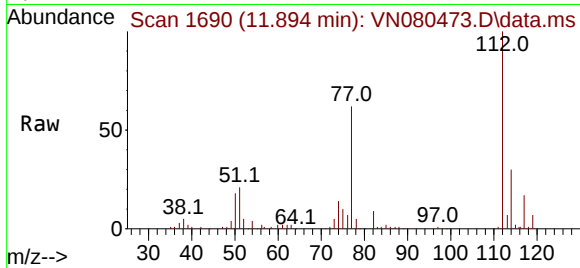




#65
Chlorobenzene
Concen: 19.375 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080473.D
Acq: 13 Dec 2023 19:38

Instrument :
MSVOA_N
ClientSampleId :
RW2

Tgt Ion:112 Resp: 186101
Ion Ratio Lower Upper
112 100
114 30.4 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080473.D
Acq: 13 Dec 2023 19:38

Tgt Ion:152 Resp: 193263
Ion Ratio Lower Upper
152 100
115 67.1 32.3 96.8
150 158.7 0.0 355.8

