

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080514.D
 Acq On : 19 Dec 2023 12:48
 Operator : JC\MD
 Sample : 05886-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1295

Quant Time: Dec 20 04:00:16 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)

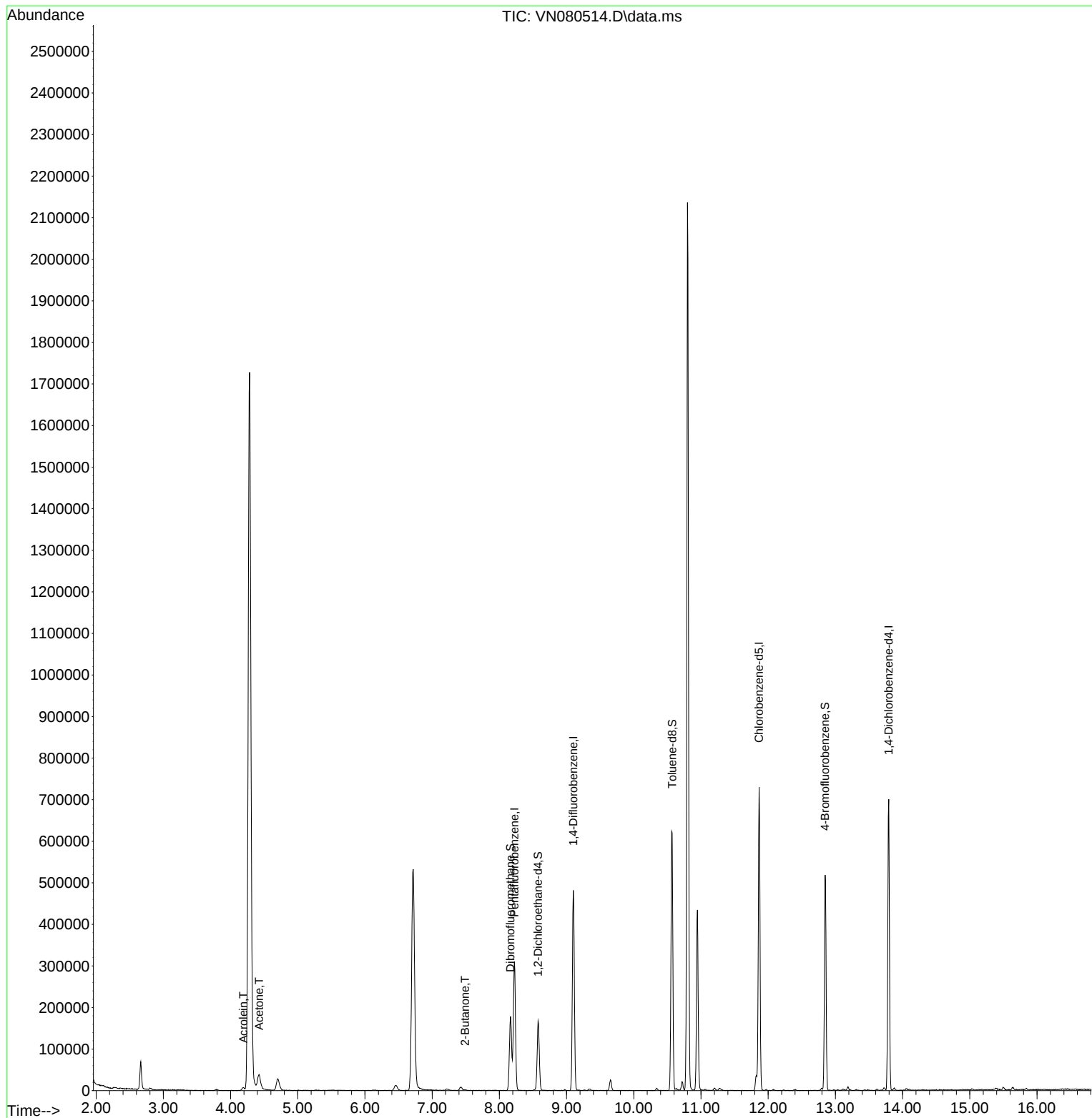
Internal Standards						
1) Pentafluorobenzene	8.224	168	217165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	393302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	414937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	187959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	143786	51.839	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.680%			
35) Dibromofluoromethane	8.165	113	123685	49.599	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.200%			
50) Toluene-d8	10.571	98	452113	48.613	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.220%			
62) 4-Bromofluorobenzene	12.847	95	185170	52.434	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.860%			
Target Compounds						
13) Acrolein	4.189	56	9343	26.116	ug/l	88
16) Acetone	4.424	43	59516	121.015	ug/l	88
25) 2-Butanone	7.488	43	2689	2.838	ug/l	91

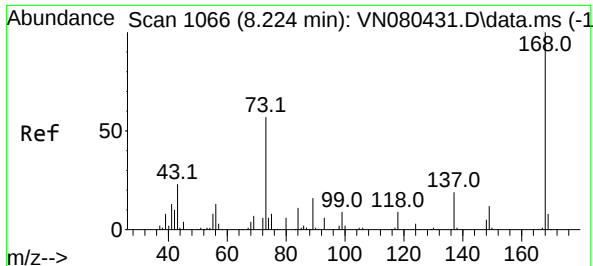
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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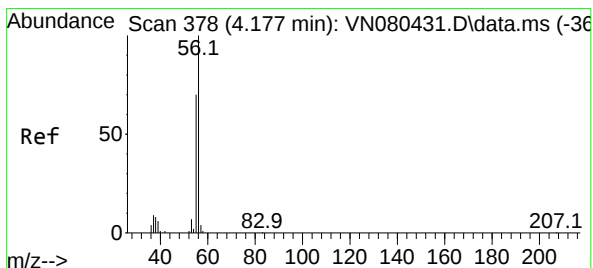
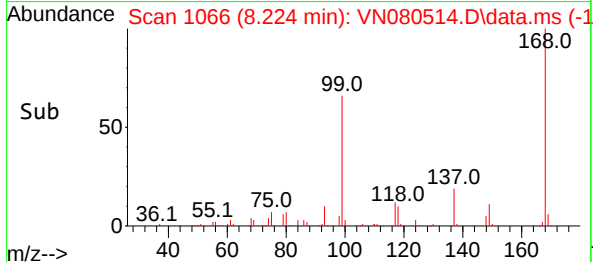
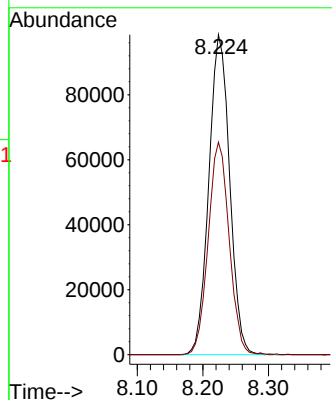
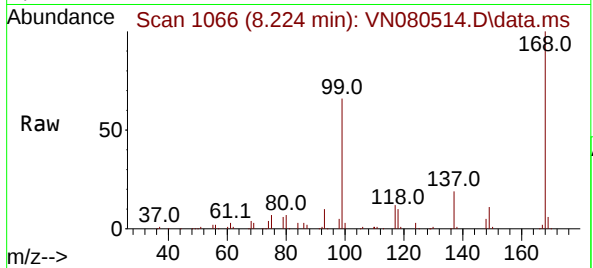




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080514.D
Acq: 19 Dec 2023 12:48

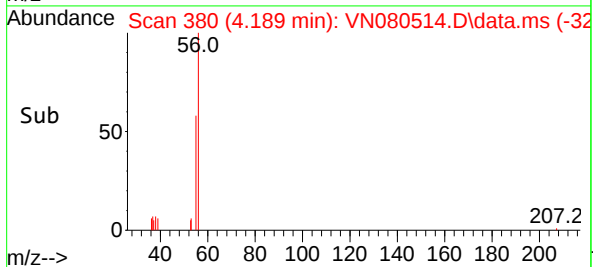
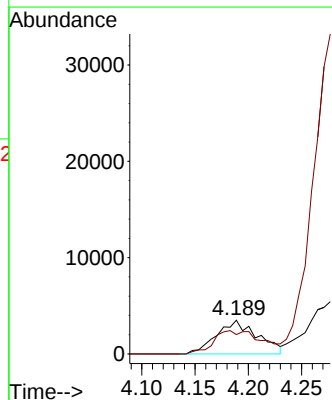
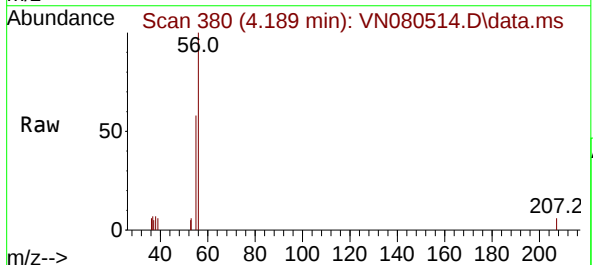
Instrument :
MSVOA_N
ClientSampleId :
AUD-1295

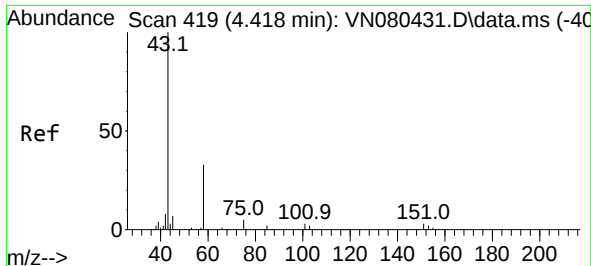
Tgt Ion:168 Resp: 217165
Ion Ratio Lower Upper
168 100
99 66.4 53.0 79.6



#13
Acrolein
Concen: 26.116 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN080514.D
Acq: 19 Dec 2023 12:48

Tgt Ion: 56 Resp: 9343
Ion Ratio Lower Upper
56 100
55 77.8 54.5 81.7

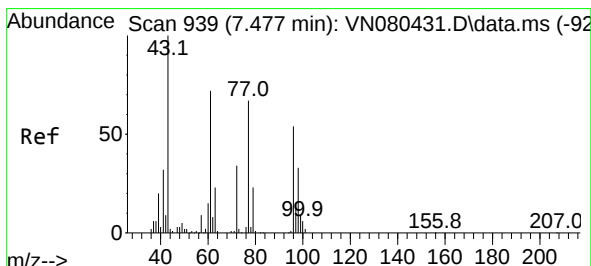
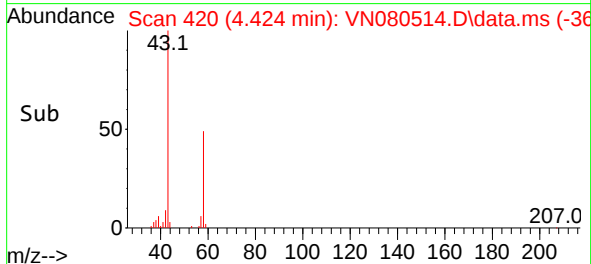
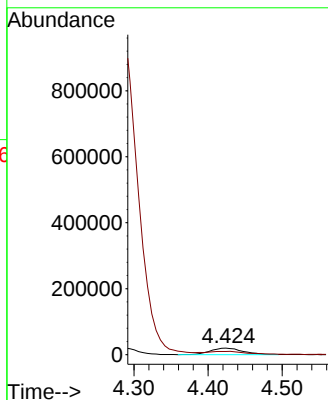
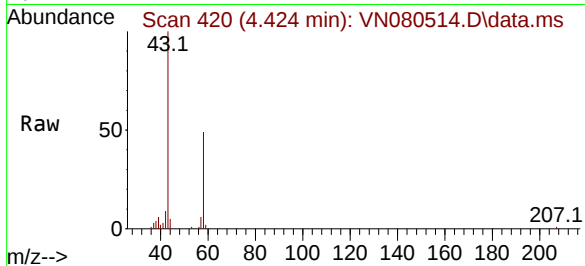




#16
Acetone
Concen: 121.015 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN080514.D
Acq: 19 Dec 2023 12:48

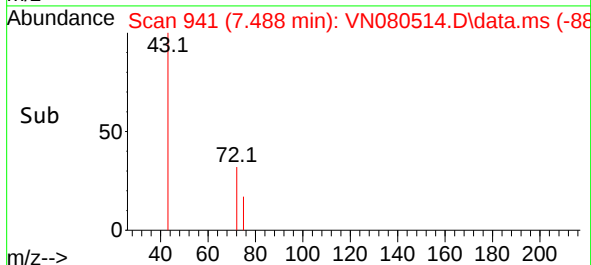
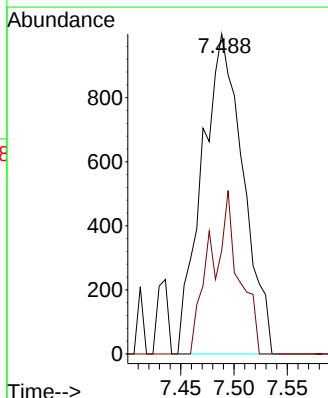
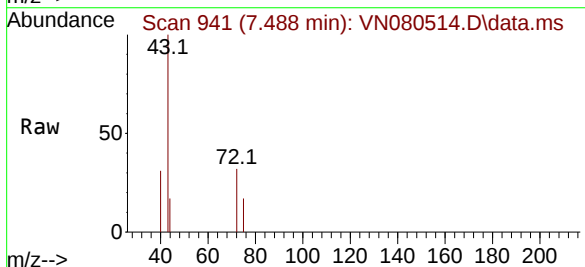
Instrument :
MSVOA_N
ClientSampleId :
AUD-1295

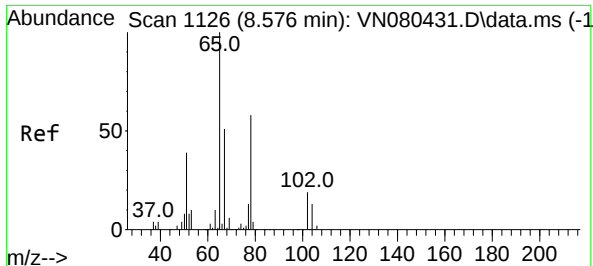
Tgt Ion: 43 Resp: 59516
Ion Ratio Lower Upper
43 100
58 42.0 28.0 42.0



#25
2-Butanone
Concen: 2.838 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN080514.D
Acq: 19 Dec 2023 12:48

Tgt Ion: 43 Resp: 2689
Ion Ratio Lower Upper
43 100
72 32.3 30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 51.839 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080514.D

Acq: 19 Dec 2023 12:48

Instrument :

MSVOA_N

ClientSampleId :

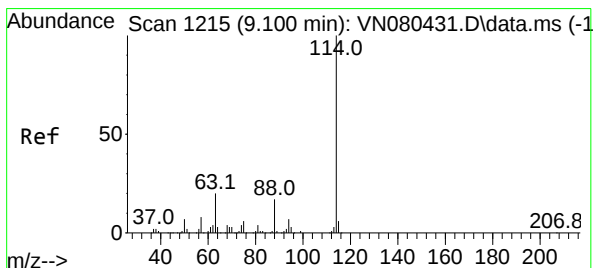
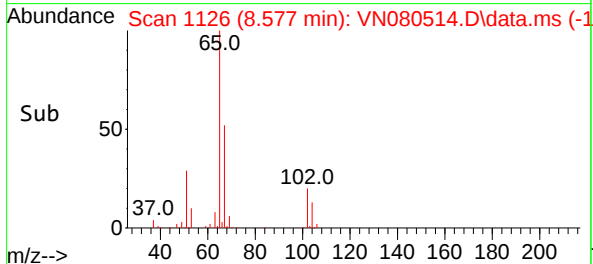
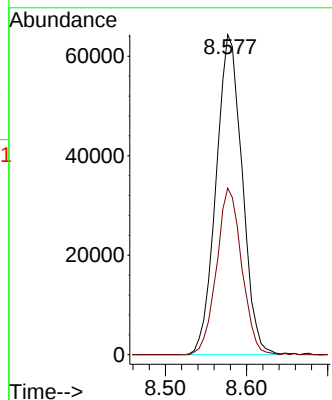
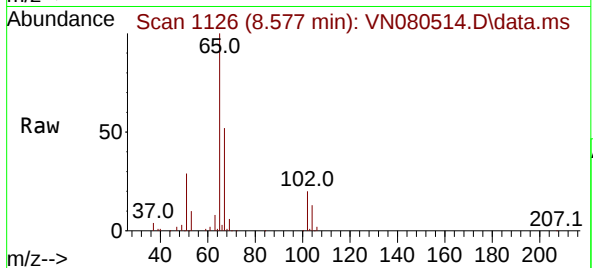
AUD-1295

Tgt Ion: 65 Resp: 143786

Ion Ratio Lower Upper

65 100

67 50.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080514.D

Acq: 19 Dec 2023 12:48

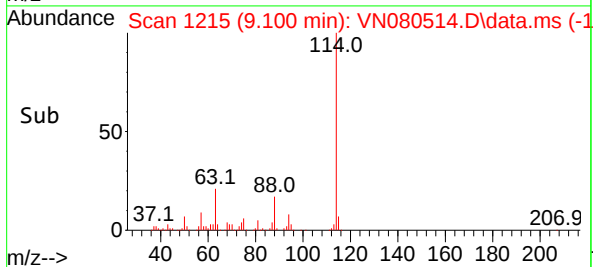
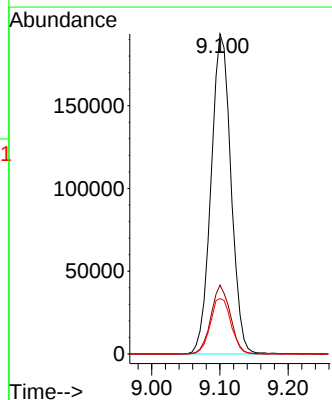
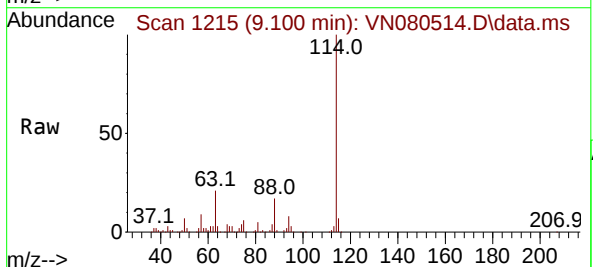
Tgt Ion: 114 Resp: 393302

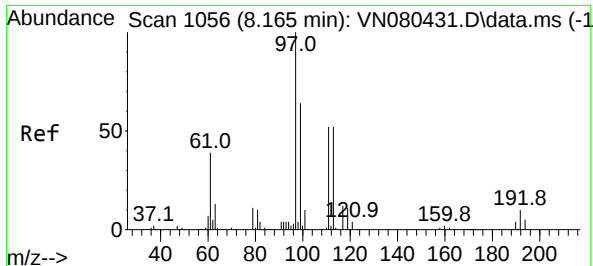
Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 17.3 0.0 30.6

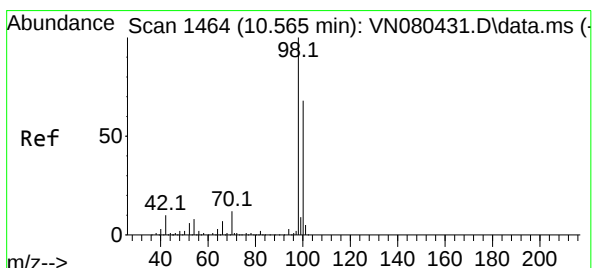
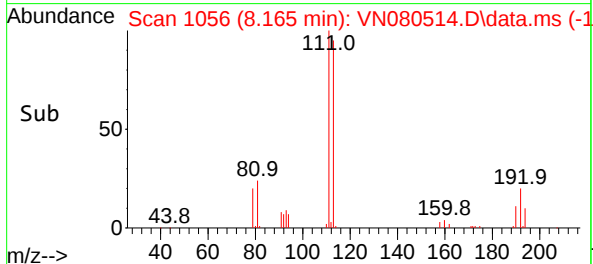
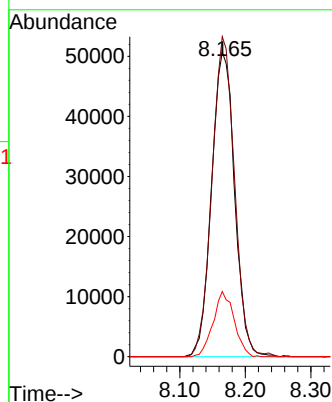
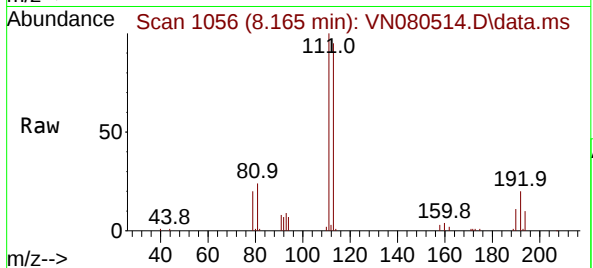




#35
Dibromofluoromethane
Concen: 49.599 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080514.D
Acq: 19 Dec 2023 12:48

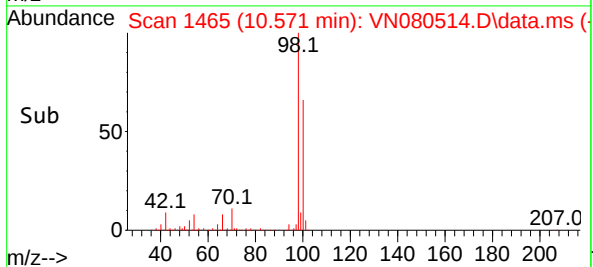
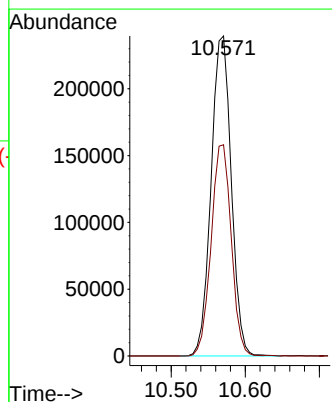
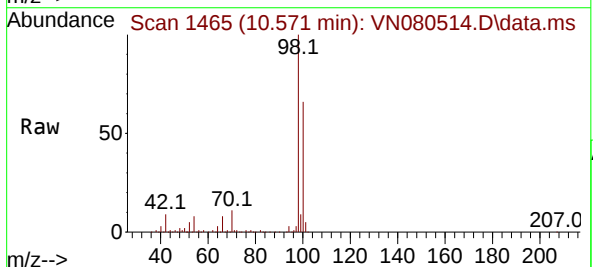
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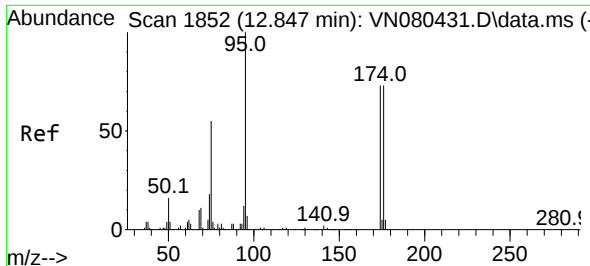
Tgt Ion:113 Resp: 123685
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 19.5 12.7 19.1#



#50
Toluene-d8
Concen: 48.613 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080514.D
Acq: 19 Dec 2023 12:48

Tgt Ion: 98 Resp: 452113
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0

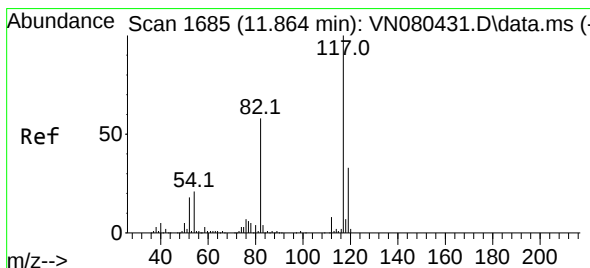
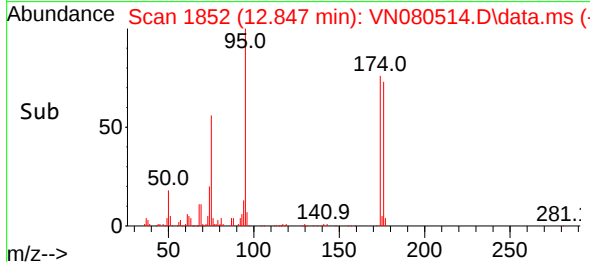
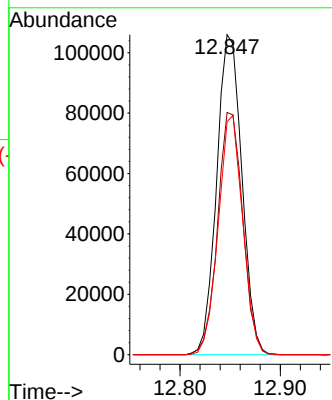
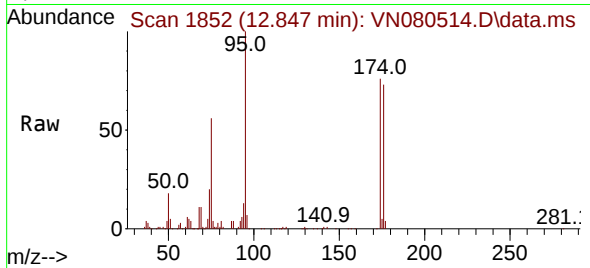




#62
4-Bromofluorobenzene
Concen: 52.434 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080514.D
Acq: 19 Dec 2023 12:48

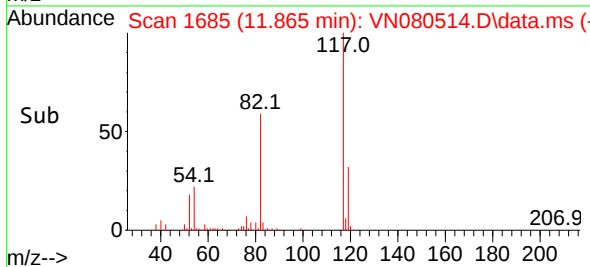
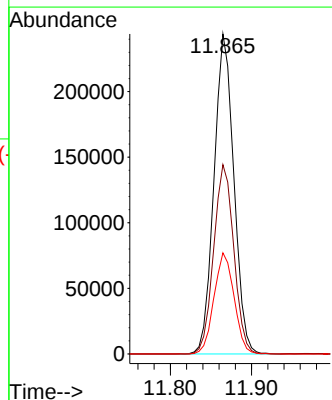
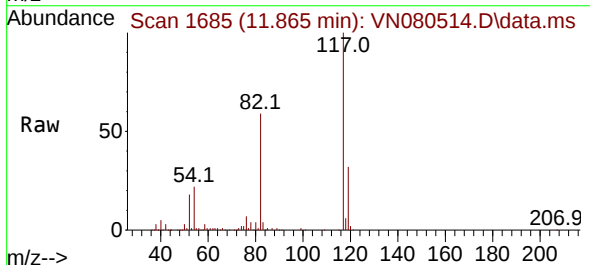
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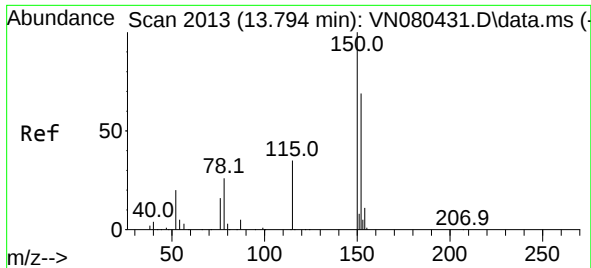
Tgt Ion: 95 Resp: 185170
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 72.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080514.D
Acq: 19 Dec 2023 12:48

Tgt Ion: 117 Resp: 414937
Ion Ratio Lower Upper
117 100
82 59.2 44.0 66.0
119 31.6 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080514.D
 Acq: 19 Dec 2023 12:48

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1295

Tgt Ion:152 Resp: 187959
 Ion Ratio Lower Upper
 152 100
 115 66.0 32.3 96.8
 150 158.2 0.0 355.8

