

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122023\
 Data File : VN080545.D
 Acq On : 20 Dec 2023 14:32
 Operator : JC\MD
 Sample : 05886-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1295

Quant Time: Dec 20 14:54:49 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)

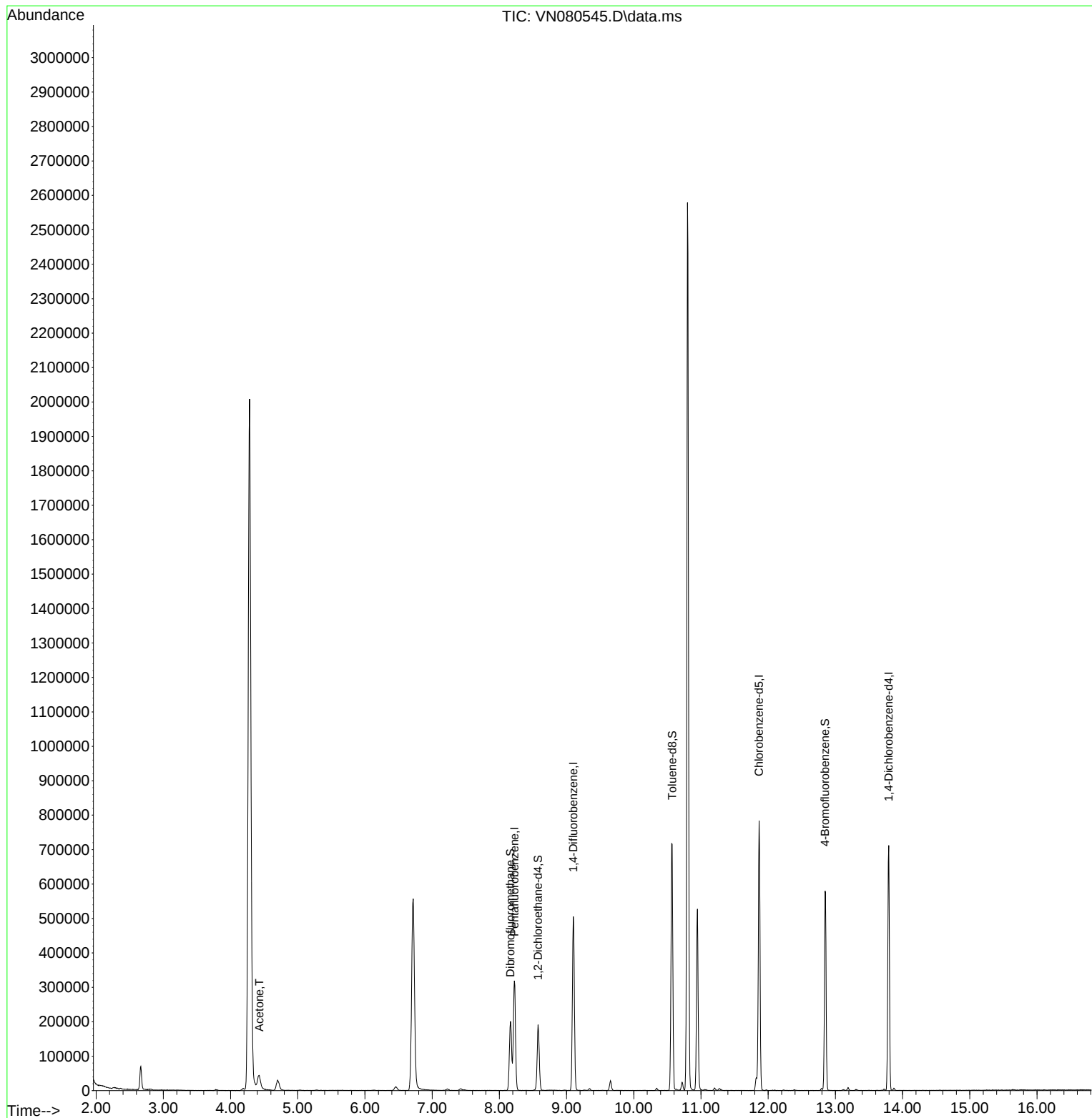
Internal Standards						
1) Pentafluorobenzene	8.224	168	226610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	412920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	444847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	192336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	162999	56.317	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	112.640%	
35) Dibromofluoromethane	8.165	113	142490	54.425	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	108.860%	
50) Toluene-d8	10.570	98	512726	52.511	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	105.020%	
62) 4-Bromofluorobenzene	12.847	95	205002	55.291	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	110.580%	
Target Compounds						
						Qvalue
16) Acetone	4.430	43	70714	137.791	ug/l	# 78

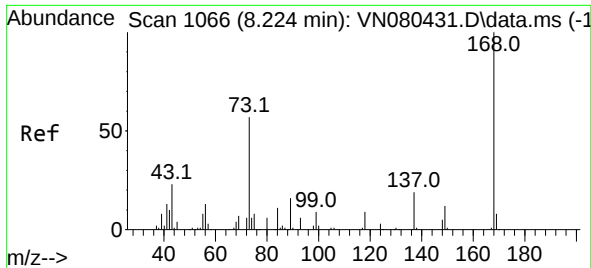
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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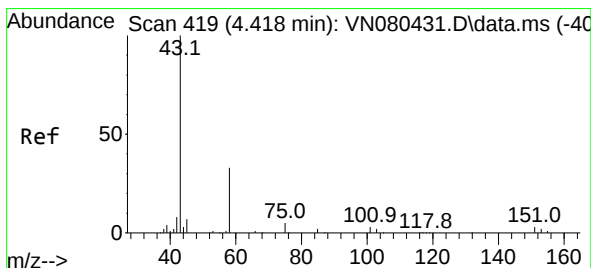
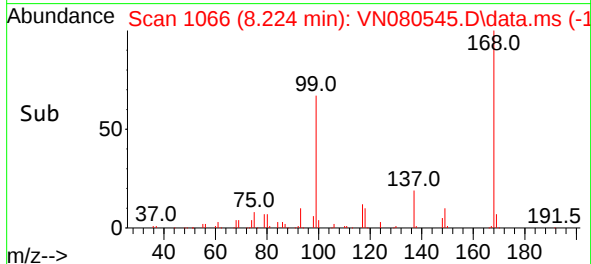
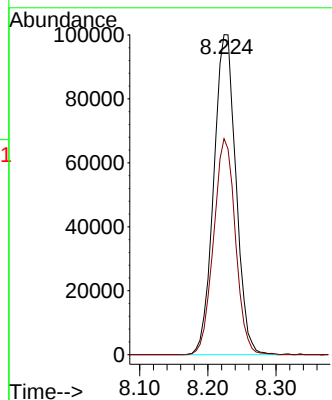
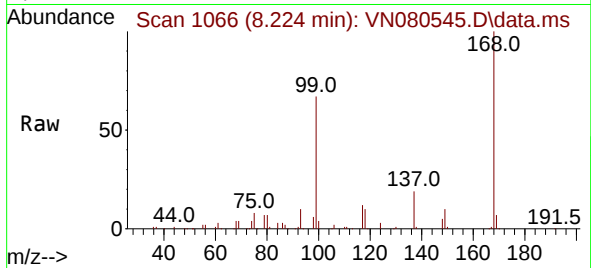




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080545.D
Acq: 20 Dec 2023 14:32

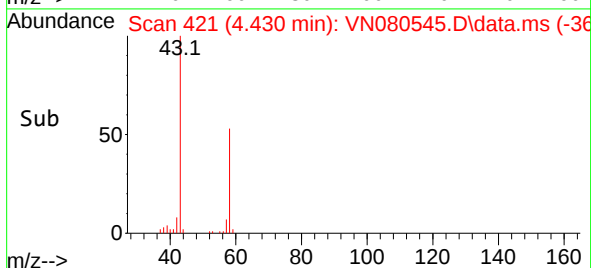
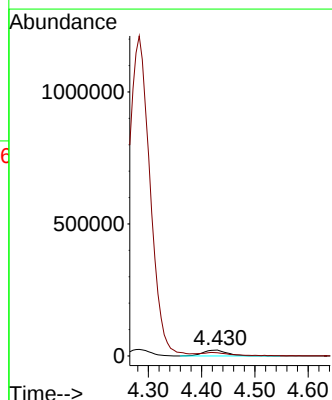
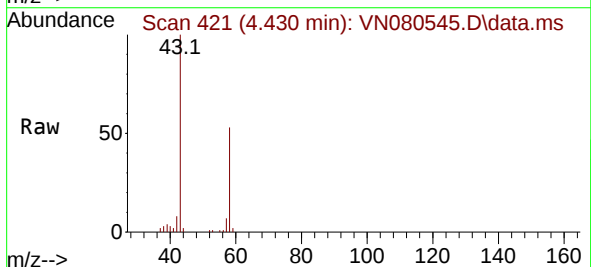
Instrument :
MSVOA_N
ClientSampleId :
AUD-1295

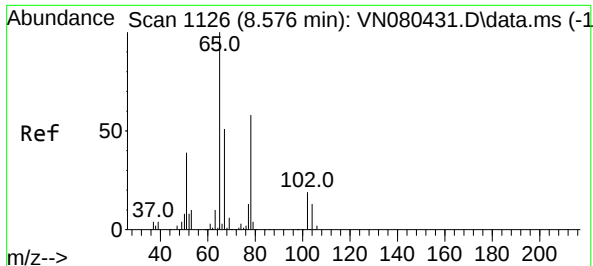
Tgt Ion:168 Resp: 226610
Ion Ratio Lower Upper
168 100
99 67.5 53.0 79.6



#16
Acetone
Concen: 137.791 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN080545.D
Acq: 20 Dec 2023 14:32

Tgt Ion: 43 Resp: 70714
Ion Ratio Lower Upper
43 100
58 47.9 28.0 42.0#





#33

1,2-Dichloroethane-d4

Concen: 56.317 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080545.D

Acq: 20 Dec 2023 14:32

Instrument :

MSVOA_N

ClientSampleId :

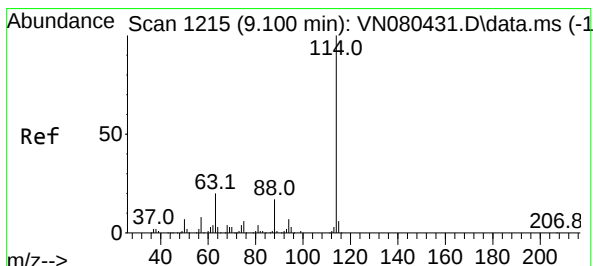
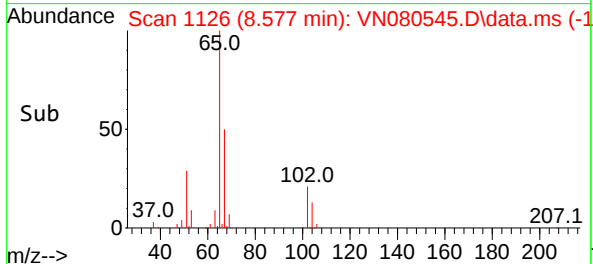
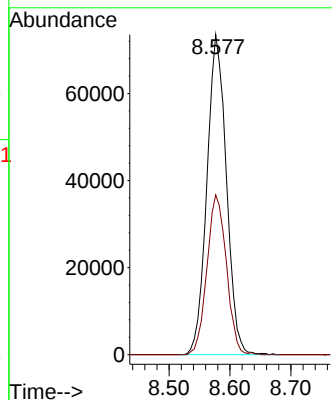
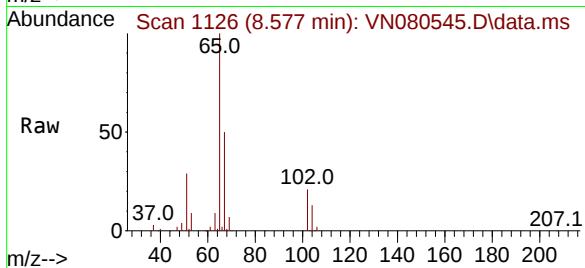
AUD-1295

Tgt Ion: 65 Resp: 162999

Ion Ratio Lower Upper

65 100

67 50.0 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: VN080545.D

Acq: 20 Dec 2023 14:32

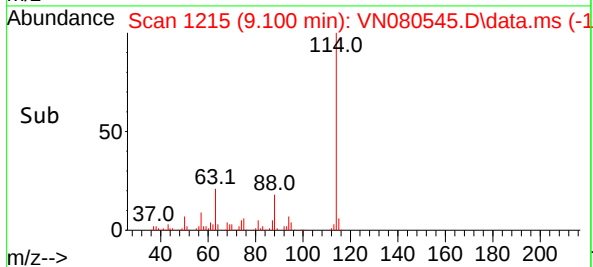
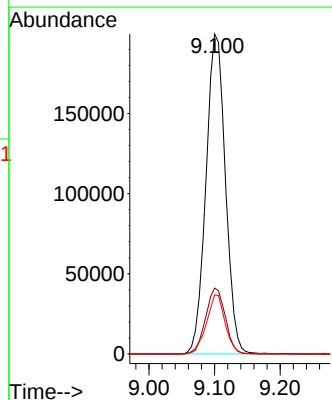
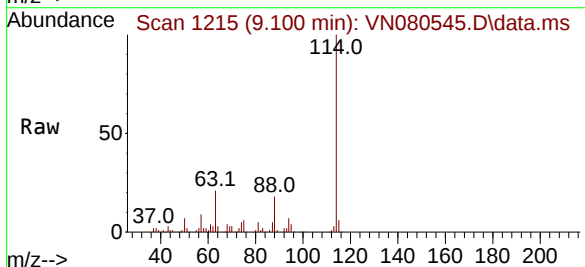
Tgt Ion: 114 Resp: 412920

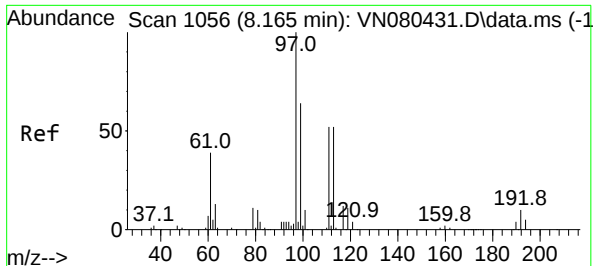
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

88 18.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.425 ug/l

RT: 8.165 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080545.D

Acq: 20 Dec 2023 14:32

Instrument :

MSVOA_N

ClientSampleId :

AUD-1295

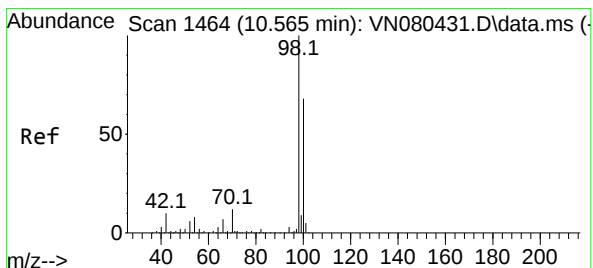
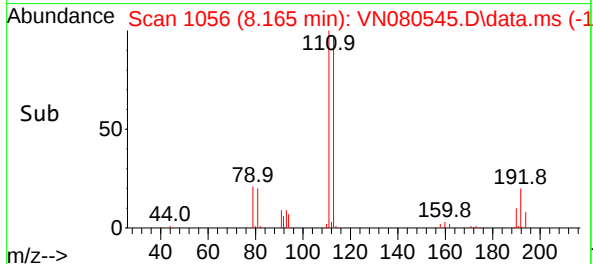
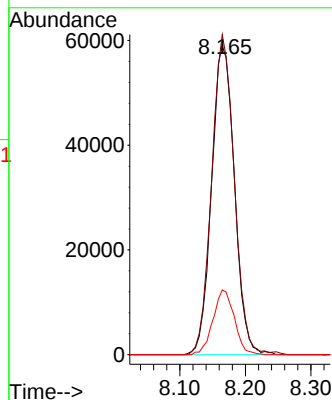
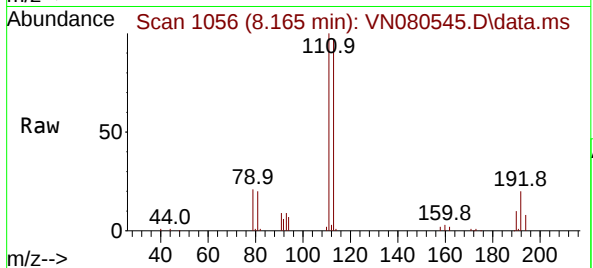
Tgt Ion:113 Resp: 142490

Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

192 19.6 12.7 19.1#



#50

Toluene-d8

Concen: 52.511 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080545.D

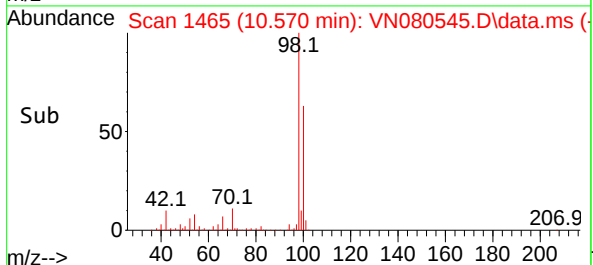
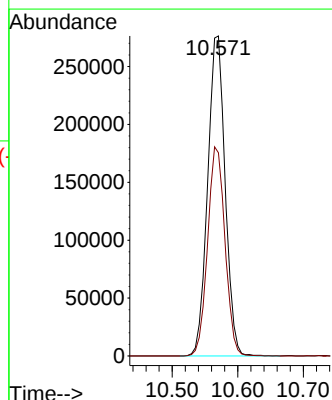
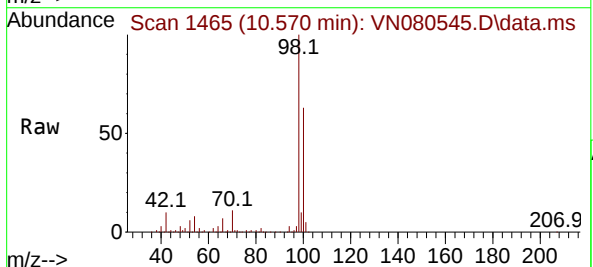
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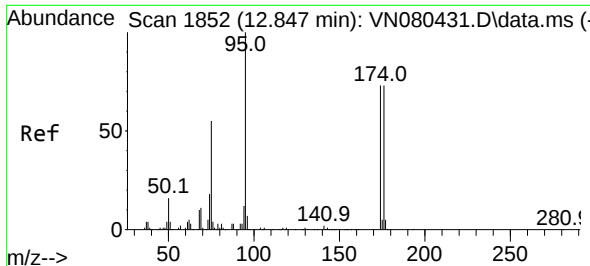
Tgt Ion: 98 Resp: 512726

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

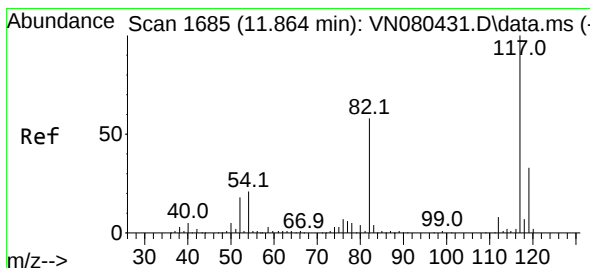
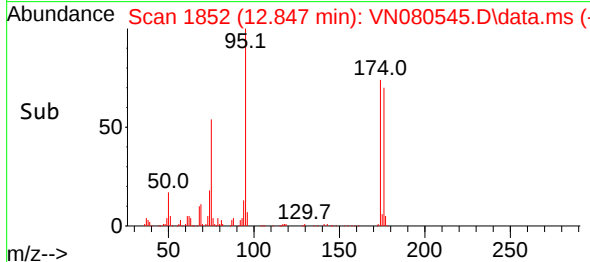
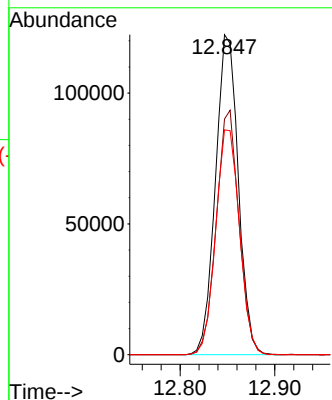
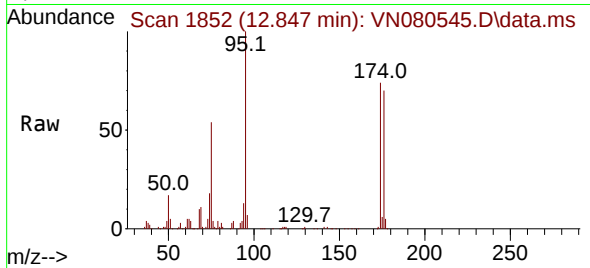




#62
4-Bromofluorobenzene
Concen: 55.291 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080545.D
Acq: 20 Dec 2023 14:32

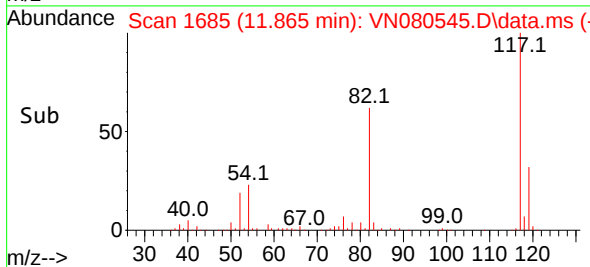
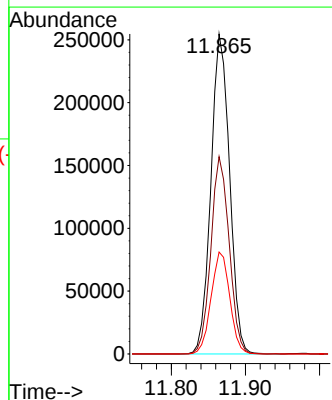
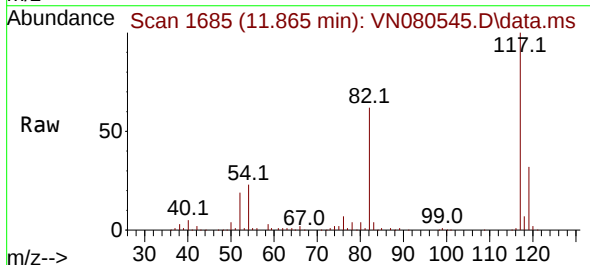
Instrument :
MSVOA_N
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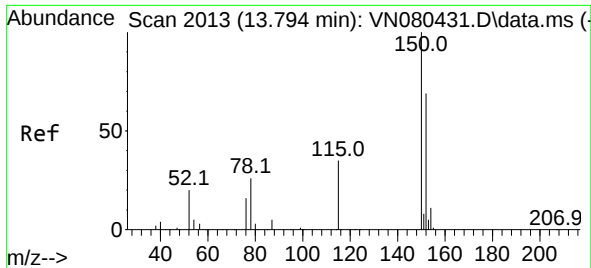
Tgt Ion: 95 Resp: 205002
Ion Ratio Lower Upper
95 100
174 75.7 0.0 143.8
176 73.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080545.D
Acq: 20 Dec 2023 14:32

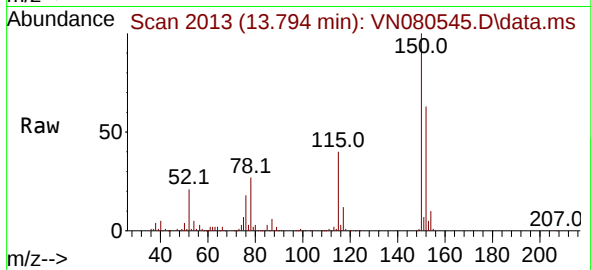
Tgt Ion: 117 Resp: 444847
Ion Ratio Lower Upper
117 100
82 61.7 44.0 66.0
119 31.9 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080545.D
 Acq: 20 Dec 2023 14:32

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1295



Tgt Ion:152 Resp: 192336
 Ion Ratio Lower Upper
 152 100
 115 63.1 32.3 96.8
 150 155.9 0.0 355.8

