

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
 Data File : VN076167.D
 Acq On : 09 Jan 2023 19:40
 Operator : JC\MD
 Sample : 01086-05 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1843

Quant Time: Jan 10 01:12:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

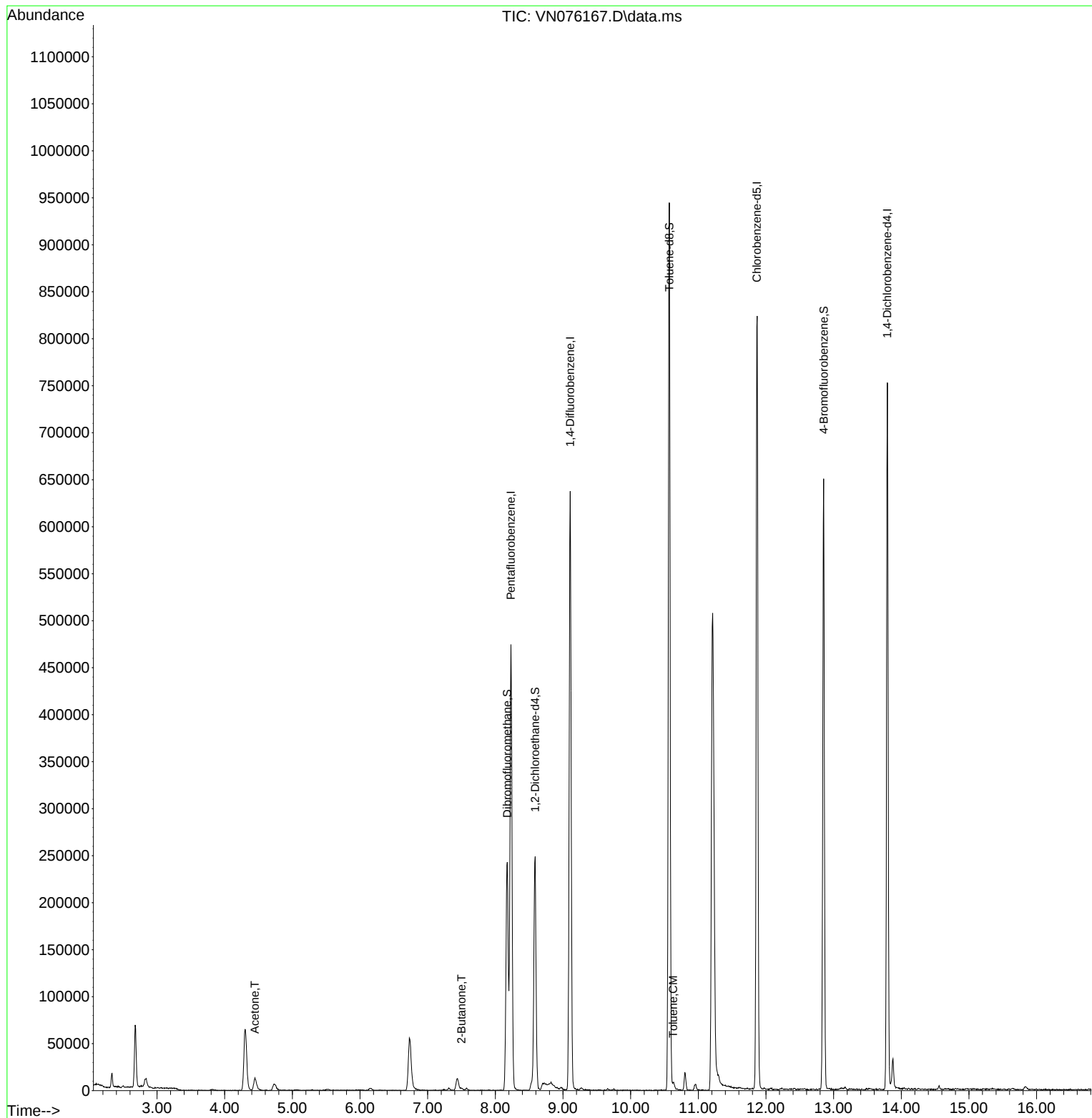
Internal Standards						
1) Pentafluorobenzene	8.230	168	351438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	575226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	506108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	205863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	196881	51.495	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.980%
35) Dibromofluoromethane	8.177	113	172649	48.466	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.940%
50) Toluene-d8	10.571	98	656339	49.278	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.560%
62) 4-Bromofluorobenzene	12.853	95	208674	47.303	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.600%
Target Compounds						
						Qvalue
16) Acetone	4.448	43	25188	19.111	ug/l	93
25) 2-Butanone	7.500	43	3607	1.955	ug/l	99
52) Toluene	10.630	92	3048	0.321	ug/l	90

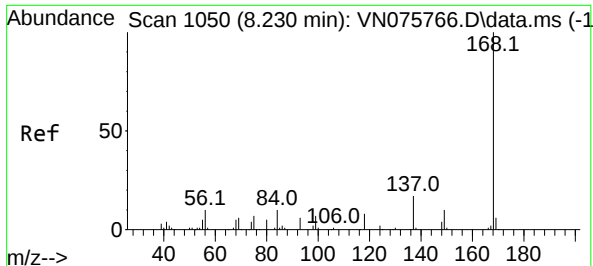
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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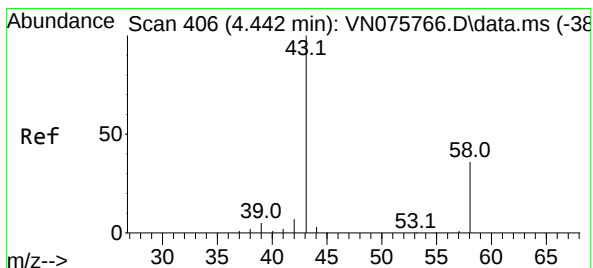
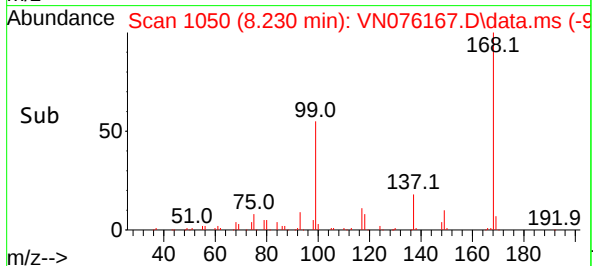
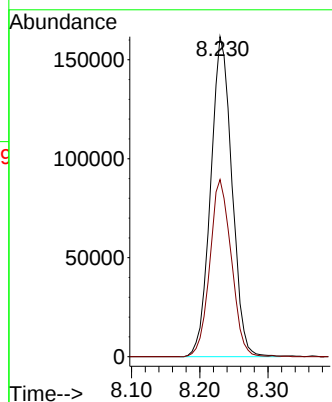
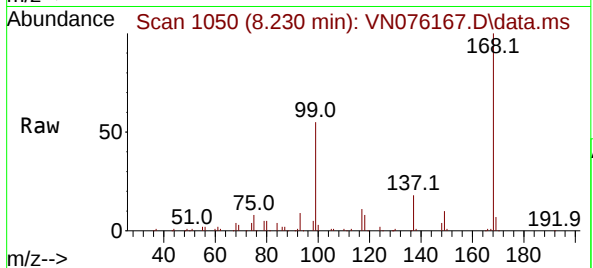




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076167.D
Acq: 09 Jan 2023 19:40

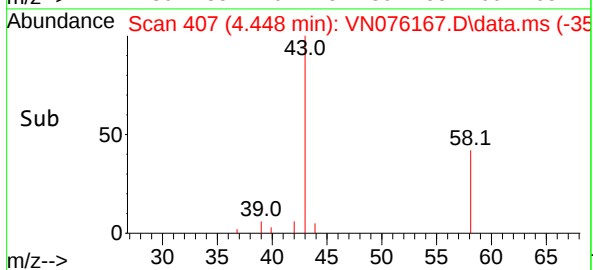
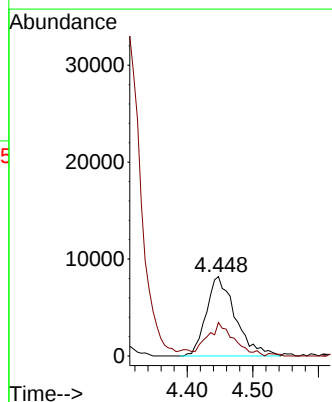
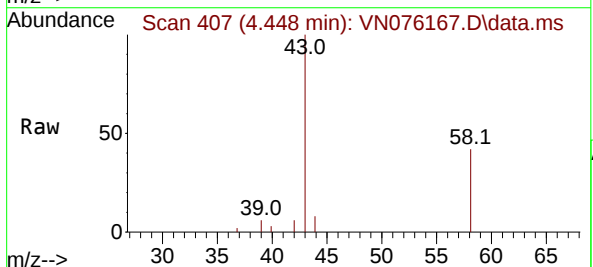
Instrument :
MSVOA_N
ClientSampleId :
AUD-1843

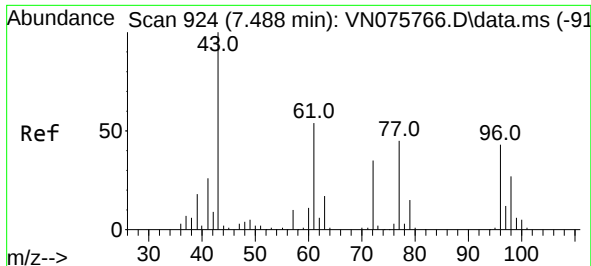
Tgt Ion:168 Resp: 351438
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#16
Acetone
Concen: 19.111 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076167.D
Acq: 09 Jan 2023 19:40

Tgt Ion: 43 Resp: 25188
Ion Ratio Lower Upper
43 100
58 40.2 28.6 43.0

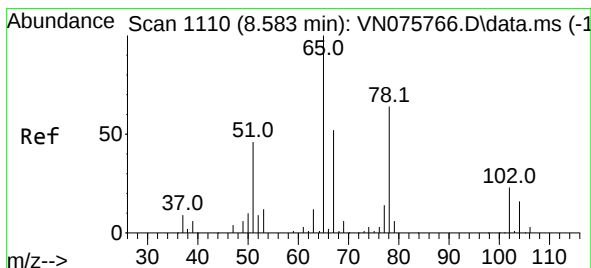
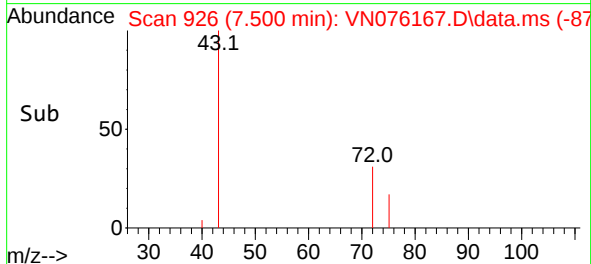
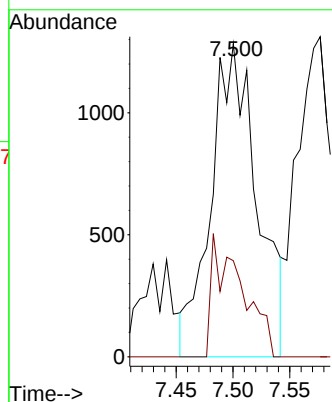
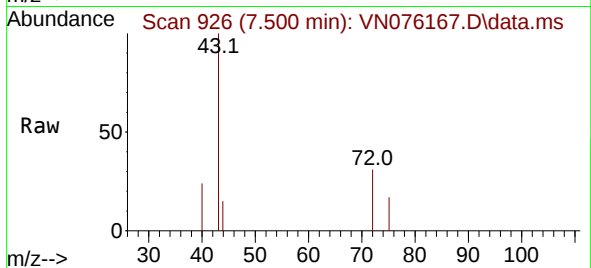




#25
2-Butanone
Concen: 1.955 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN076167.D
Acq: 09 Jan 2023 19:40

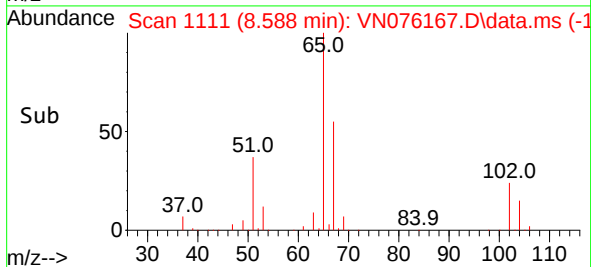
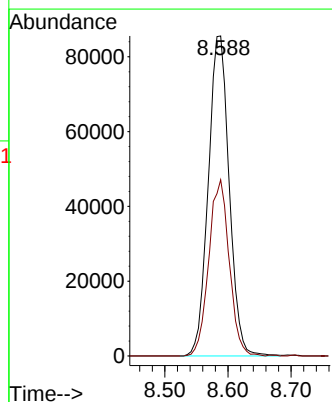
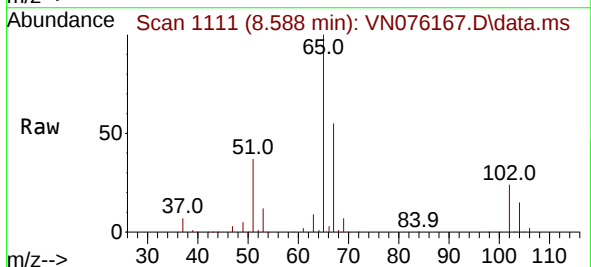
Instrument :
MSVOA_N
ClientSampleId :
AUD-1843

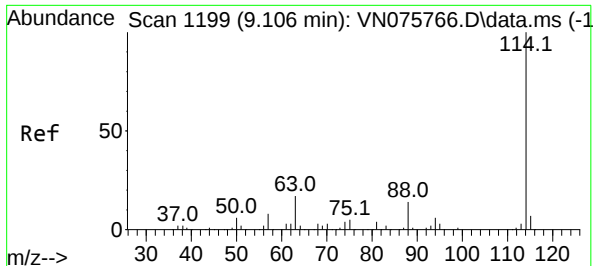
Tgt Ion: 43 Resp: 3607
Ion Ratio Lower Upper
43 100
72 35.7 28.0 42.0



#33
1,2-Dichloroethane-d4
Concen: 51.495 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076167.D
Acq: 09 Jan 2023 19:40

Tgt Ion: 65 Resp: 196881
Ion Ratio Lower Upper
65 100
67 53.8 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076167.D

Acq: 09 Jan 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :

AUD-1843

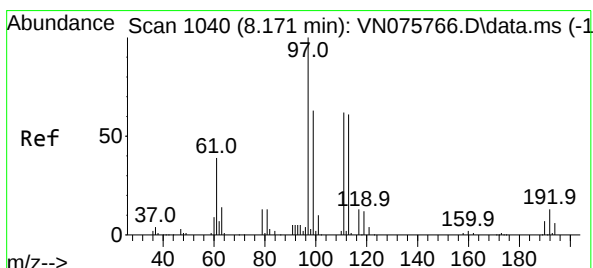
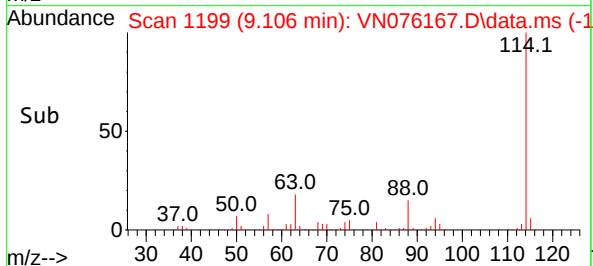
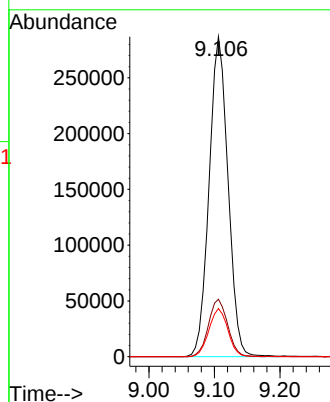
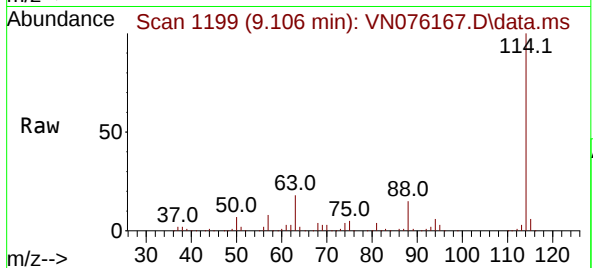
Tgt Ion:114 Resp: 575226

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.4

88 15.0 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.466 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076167.D

Acq: 09 Jan 2023 19:40

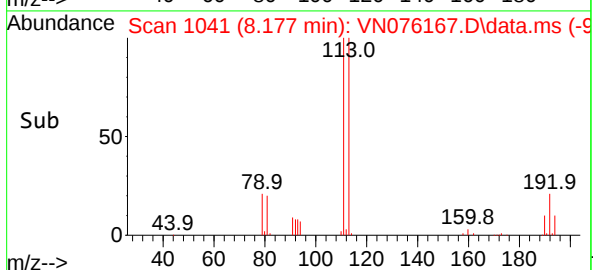
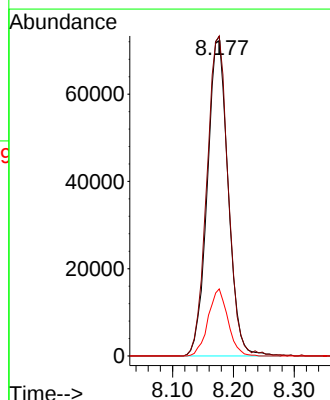
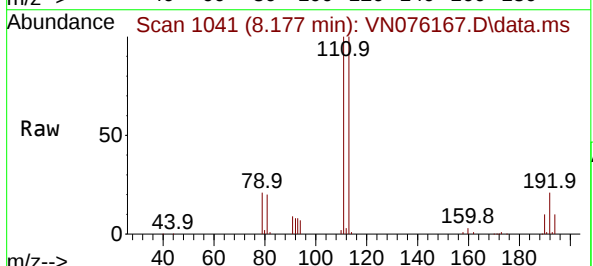
Tgt Ion:113 Resp: 172649

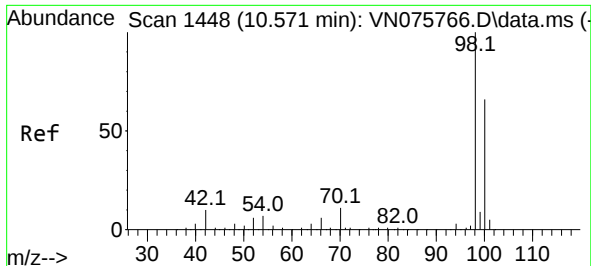
Ion Ratio Lower Upper

113 100

111 103.5 83.4 125.2

192 20.1 16.1 24.1

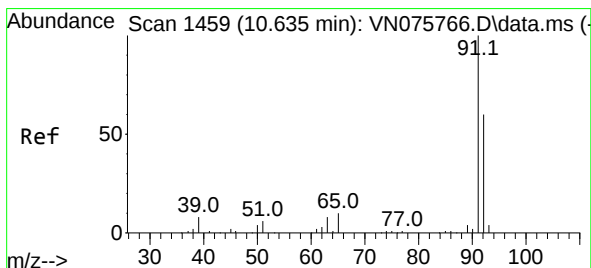
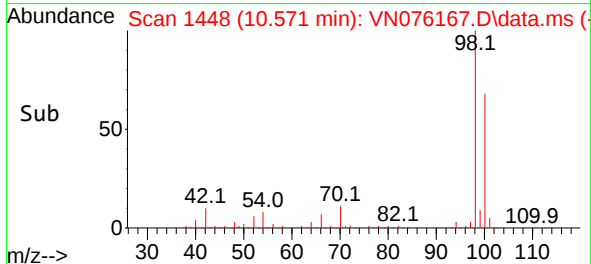
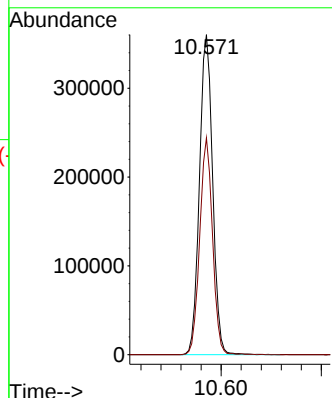
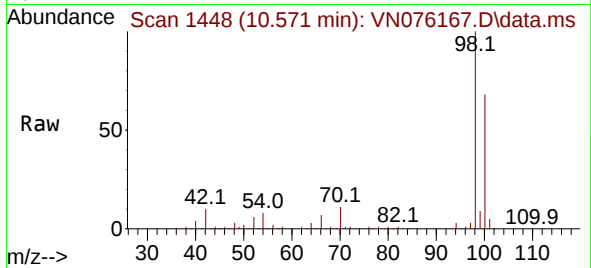




#50
Toluene-d8
Concen: 49.278 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076167.D
Acq: 09 Jan 2023 19:40

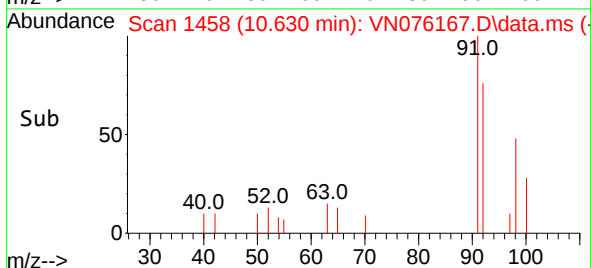
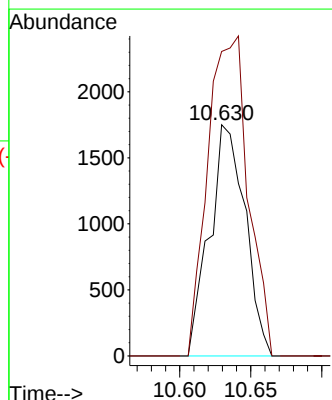
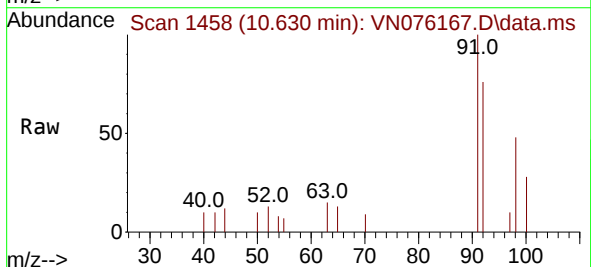
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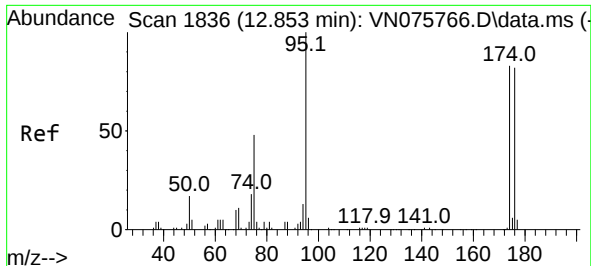
Tgt Ion: 98 Resp: 656339
Ion Ratio Lower Upper
98 100
100 65.8 52.1 78.1



#52
Toluene
Concen: 0.321 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN076167.D
Acq: 09 Jan 2023 19:40

Tgt Ion: 92 Resp: 3048
Ion Ratio Lower Upper
92 100
91 157.4 137.3 205.9





#62

4-Bromofluorobenzene

Concen: 47.303 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VN076167.D

Acq: 09 Jan 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :

AUD-1843

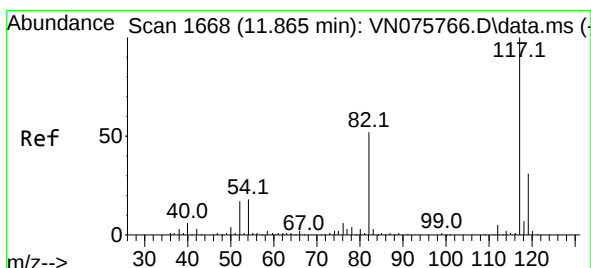
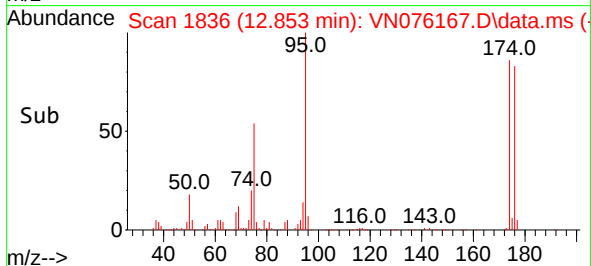
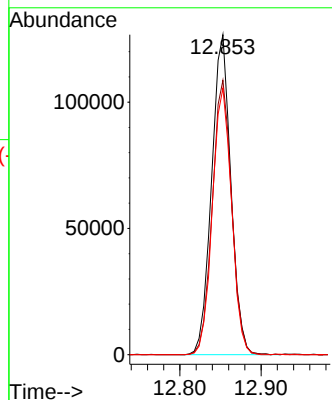
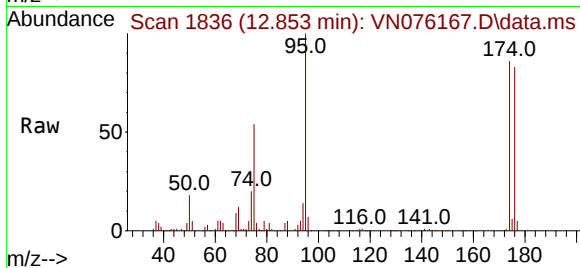
Tgt Ion: 95 Resp: 208674

Ion Ratio Lower Upper

95 100

174 86.7 0.0 171.6

176 83.1 0.0 169.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1668

Delta R.T. 0.000 min

Lab File: VN076167.D

Acq: 09 Jan 2023 19:40

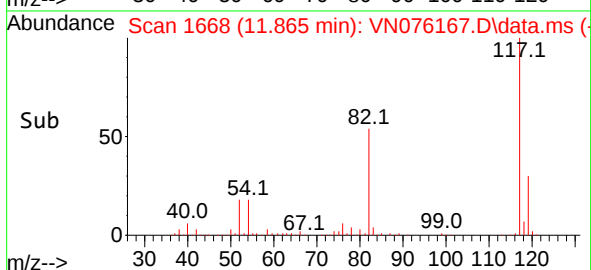
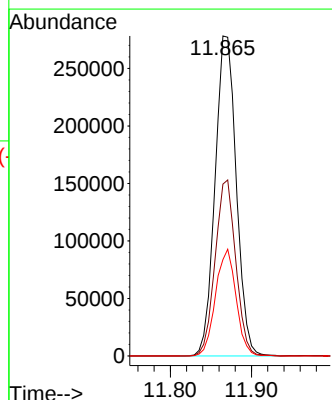
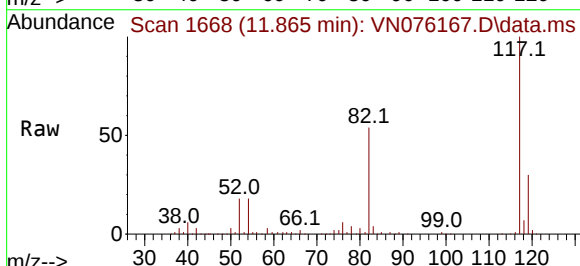
Tgt Ion: 117 Resp: 506108

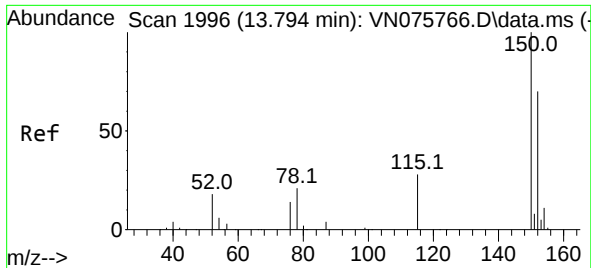
Ion Ratio Lower Upper

117 100

82 53.7 41.3 61.9

119 30.1 24.6 37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN076167.D

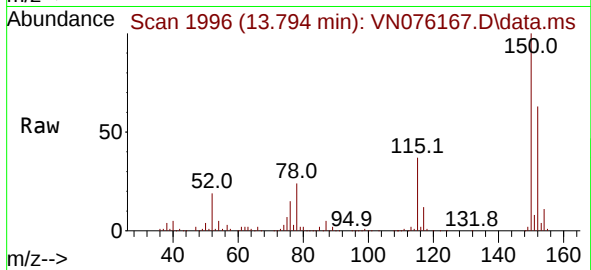
Acq: 09 Jan 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :

AUD-1843



Tgt Ion:152 Resp: 205863

Ion Ratio Lower Upper

152 100

115 57.8 29.1 87.4

150 158.2 0.0 347.0

