

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031022\
 Data File : VN071228.D
 Acq On : 10 Mar 2022 14:11
 Operator : JC\MD
 Sample : N1834-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1281

Quant Time: Mar 10 14:31:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

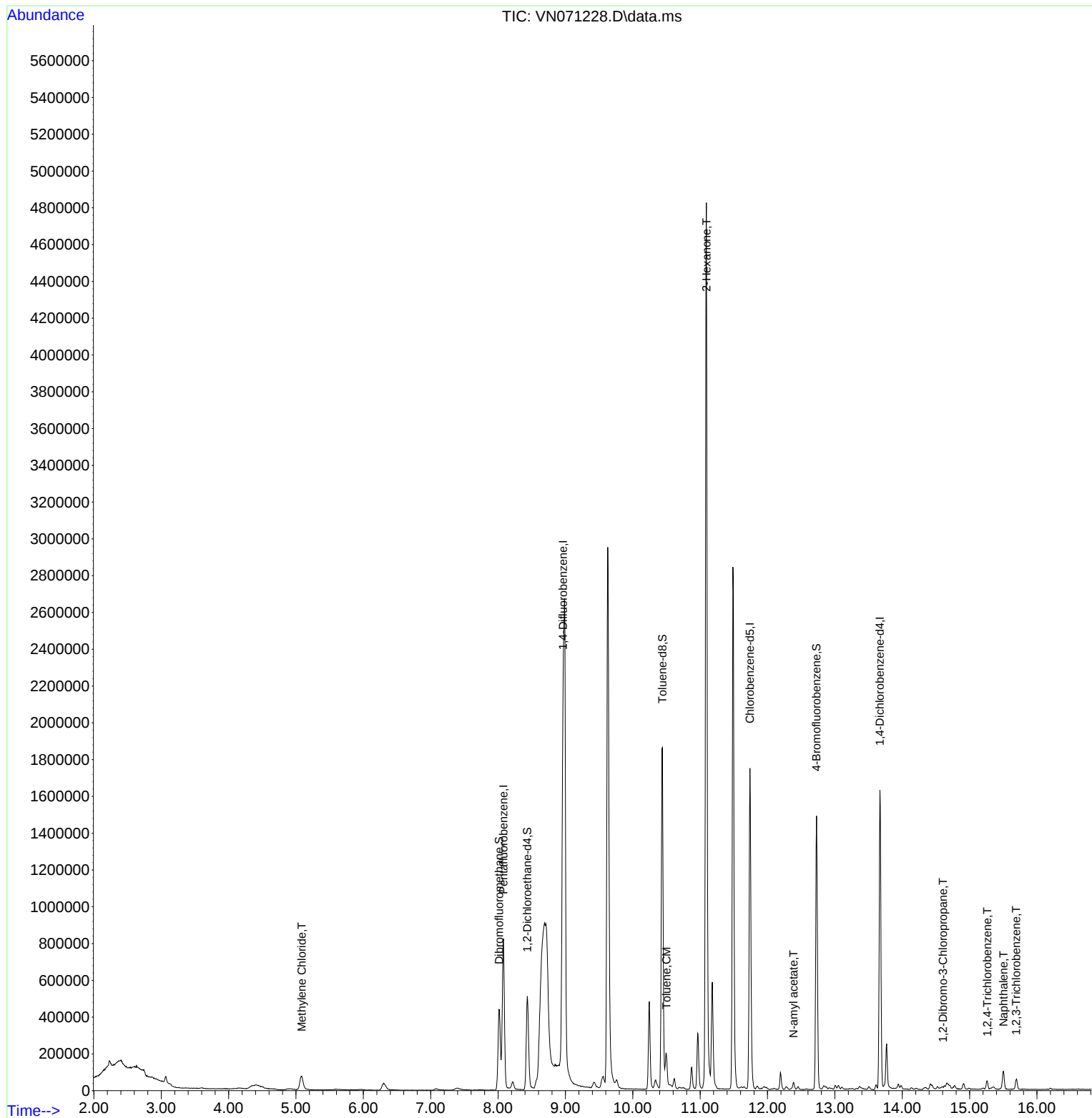
Internal Standards						
1) Pentafluorobenzene	8.081	168	625475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1110493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1031471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	451676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	436048	61.029	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 122.060%	
35) Dibromofluoromethane	8.016	113	327188	49.535	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.060%	
50) Toluene-d8	10.439	98	1353500	51.025	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.060%	
62) 4-Bromofluorobenzene	12.727	95	527889	55.675	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 111.360%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	5.087	84	63034	8.814	ug/l #	92
52) Toluene	10.498	92	61256	3.045	ug/l	98
59) 2-Hexanone	11.092	43	847152	110.670	ug/l #	51
74) N-amyl acetate	12.386	43	22568	1.942	ug/l #	88
92) 1,2-Dibromo-3-Chloropr...	14.604	75	2122	1.134	ug/l	82
93) 1,2,4-Trichlorobenzene	15.262	180	15639	3.804	ug/l	98
95) Naphthalene	15.504	128	92837	9.128	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	20723	5.083	ug/l	96

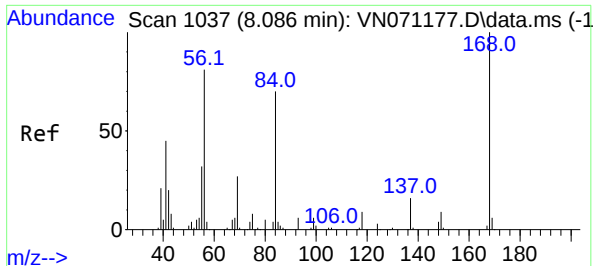
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration

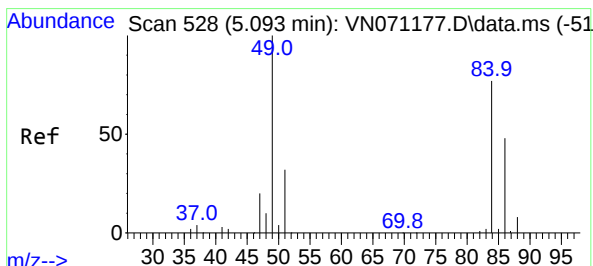
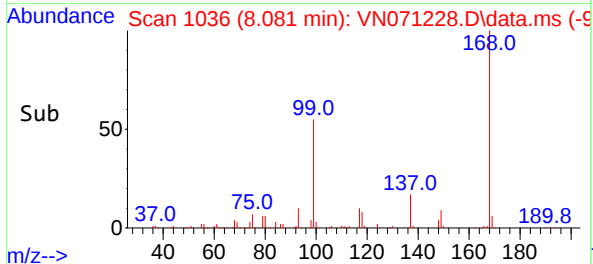
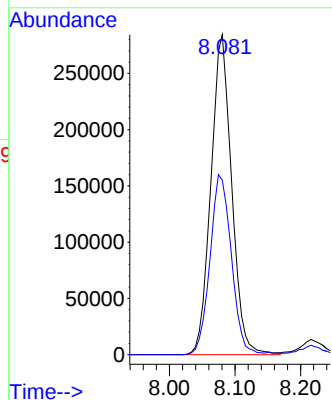
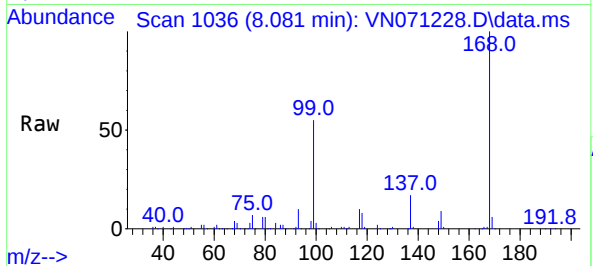




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071228.D
Acq: 10 Mar 2022 14:11

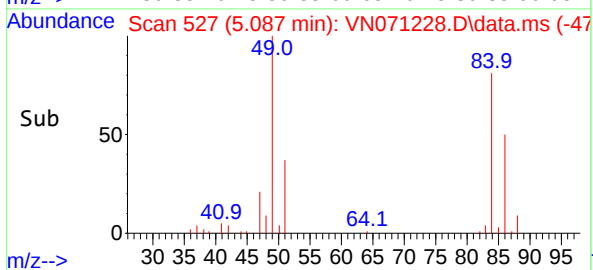
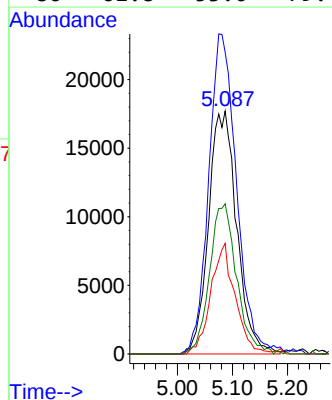
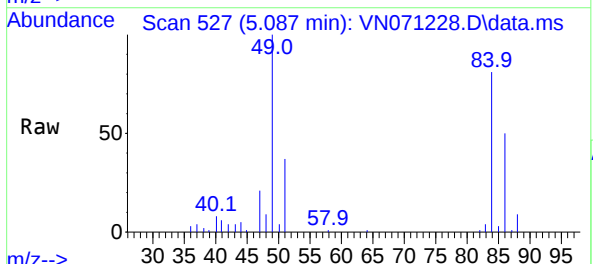
Instrument :
MSVOA_N
ClientSampleId :
AUD-1281

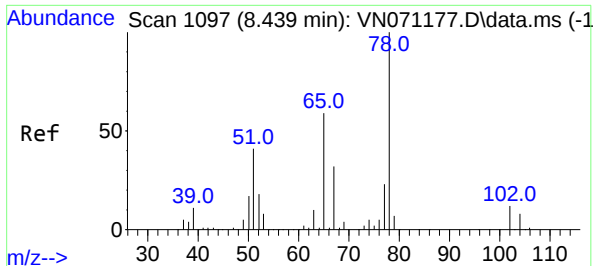
Tgt Ion:168 Resp: 625475
Ion Ratio Lower Upper
168 100
99 54.6 41.3 61.9



#20
Methylene Chloride
Concen: 8.814 ug/l
RT: 5.087 min Scan# 527
Delta R.T. 0.000 min
Lab File: VN071228.D
Acq: 10 Mar 2022 14:11

Tgt Ion: 84 Resp: 63034
Ion Ratio Lower Upper
84 100
49 124.2 93.5 140.3
51 45.5 29.4 44.2#
86 61.8 53.0 79.4

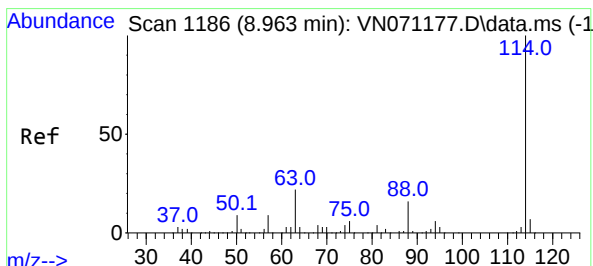
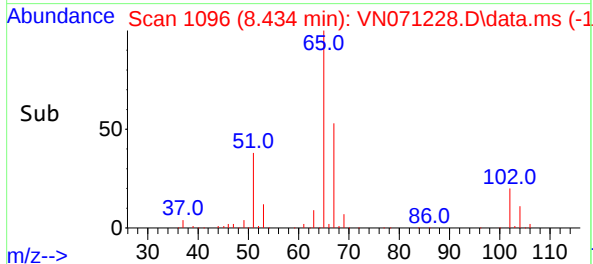
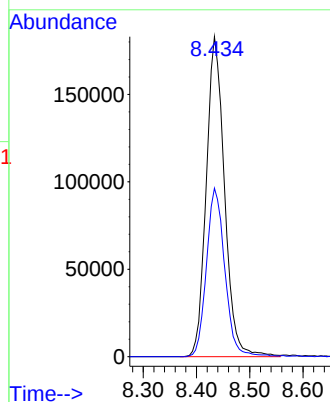
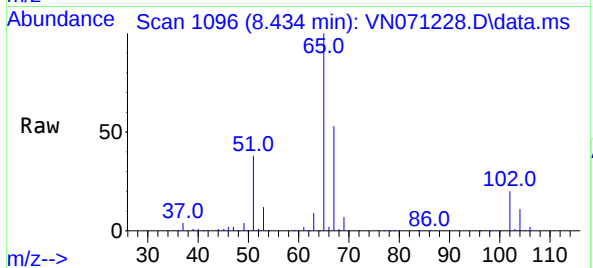




#33
1,2-Dichloroethane-d4
Concen: 61.029 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN071228.D
Acq: 10 Mar 2022 14:11

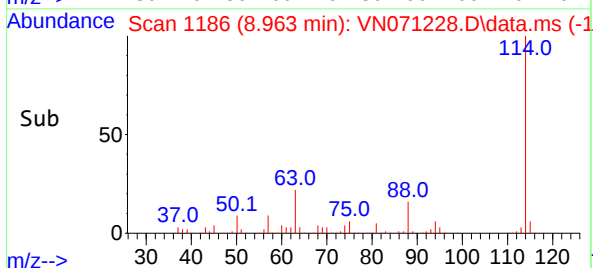
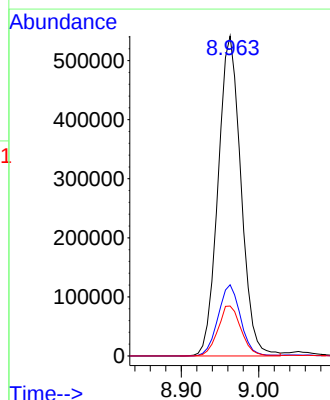
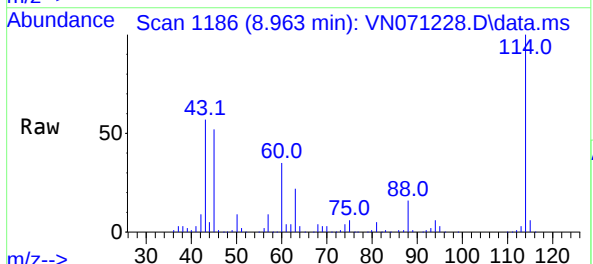
Instrument :
MSVOA_N
ClientSampleId :
AUD-1281

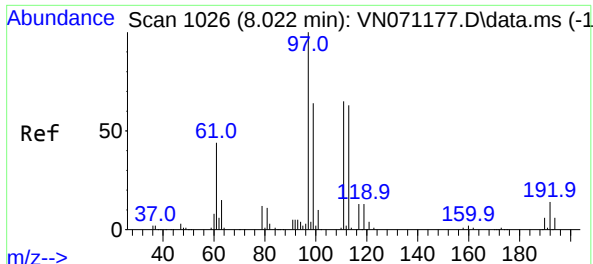
Tgt Ion: 65 Resp: 436048
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071228.D
Acq: 10 Mar 2022 14:11

Tgt Ion:114 Resp: 1110493
Ion Ratio Lower Upper
114 100
63 22.3 0.0 37.8
88 15.6 0.0 27.4

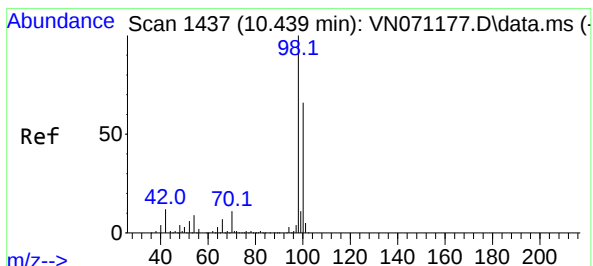
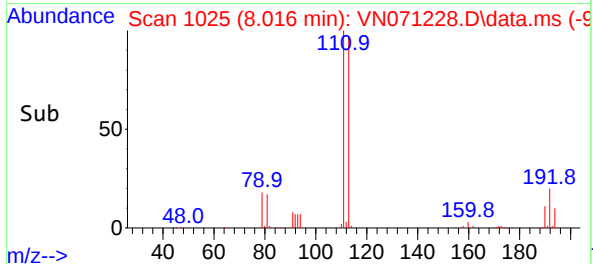
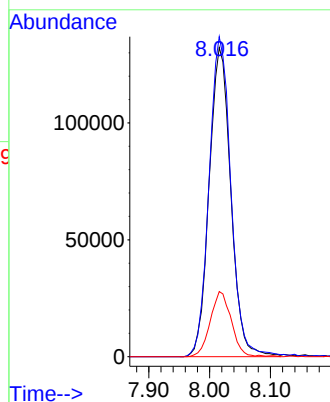
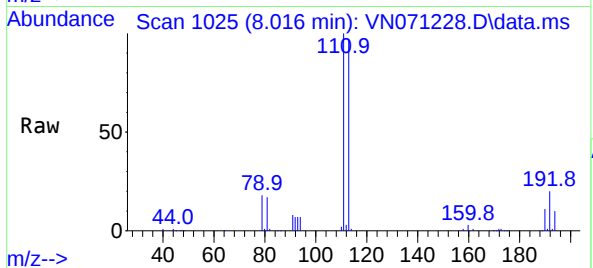




#35
Dibromofluoromethane
Concen: 49.535 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071228.D
Acq: 10 Mar 2022 14:11

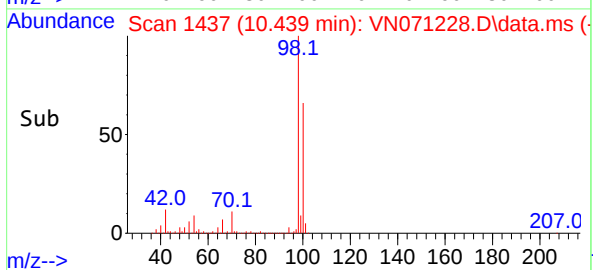
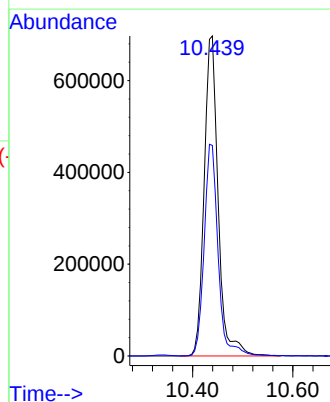
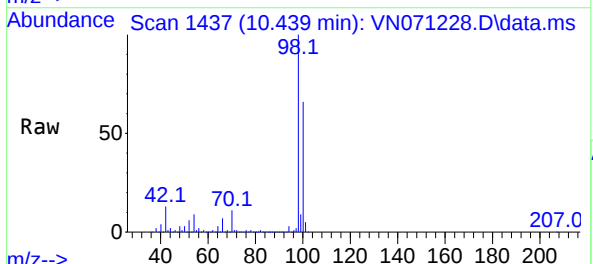
Instrument :
MSVOA_N
ClientSampleId :
AUD-1281

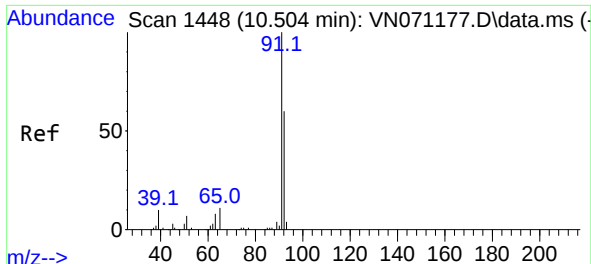
Tgt Ion:113 Resp: 327188
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.2
192 20.2 16.9 25.3



#50
Toluene-d8
Concen: 51.025 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071228.D
Acq: 10 Mar 2022 14:11

Tgt Ion: 98 Resp: 1353500
Ion Ratio Lower Upper
98 100
100 66.1 50.4 75.6

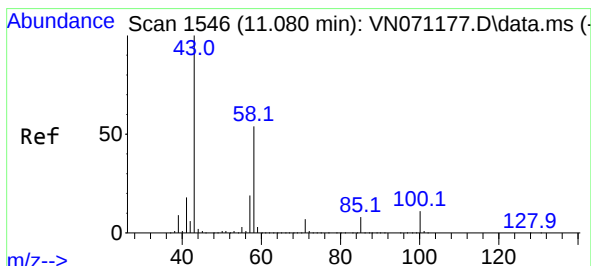
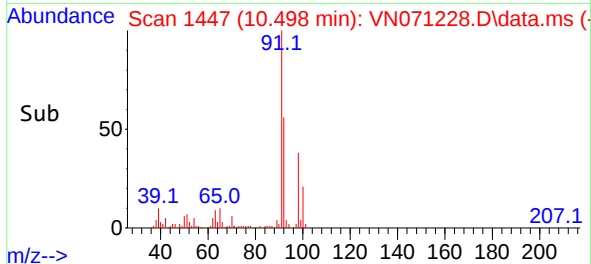
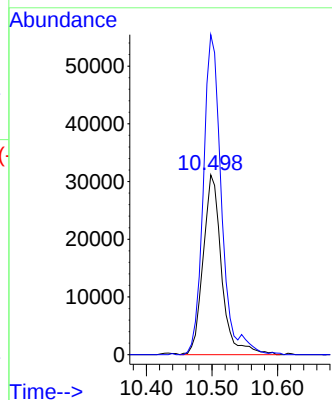
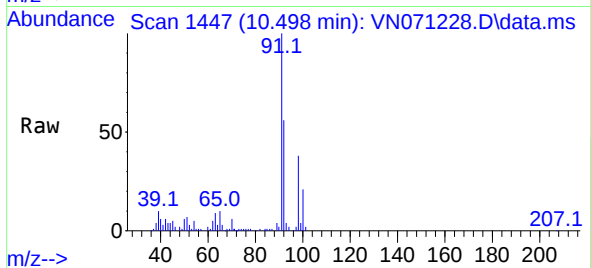




#52
Toluene
Concen: 3.045 ug/l
RT: 10.498 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN071228.D
Acq: 10 Mar 2022 14:11

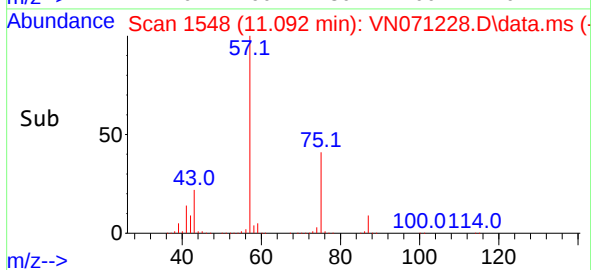
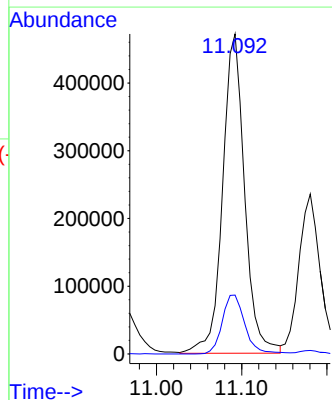
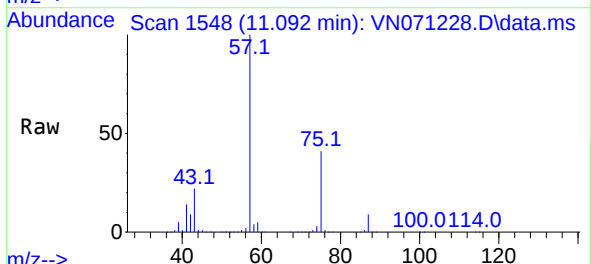
Instrument :
MSVOA_N
ClientSampleId :
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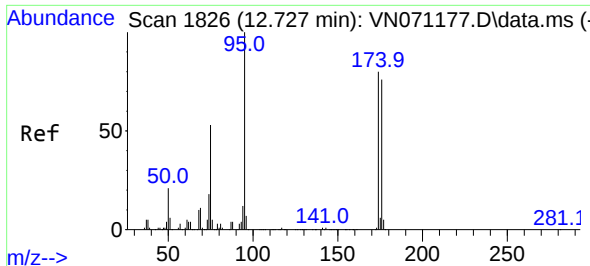
Tgt Ion: 92 Resp: 61256
Ion Ratio Lower Upper
92 100
91 174.5 142.0 213.0



#59
2-Hexanone
Concen: 110.670 ug/l
RT: 11.092 min Scan# 1548
Delta R.T. 0.012 min
Lab File: VN071228.D
Acq: 10 Mar 2022 14:11

Tgt Ion: 43 Resp: 847152
Ion Ratio Lower Upper
43 100
58 19.0 26.9 80.7#

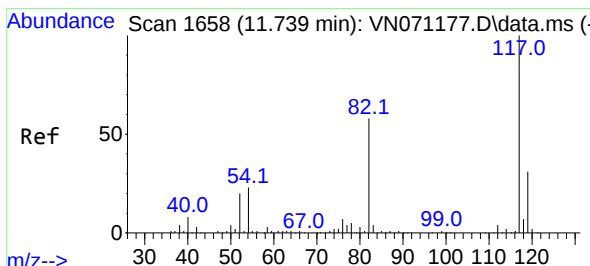
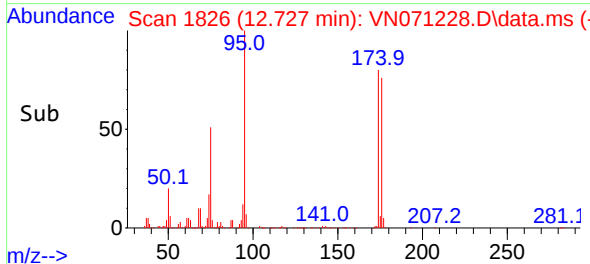
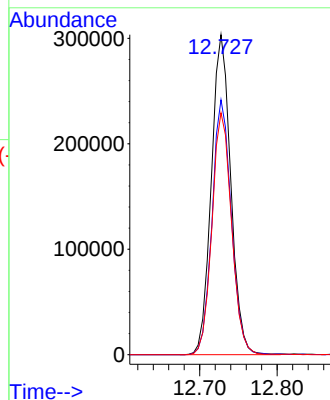
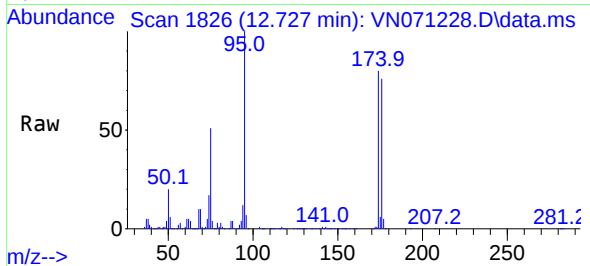




#62
4-Bromofluorobenzene
Concen: 55.675 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071228.D
Acq: 10 Mar 2022 14:11

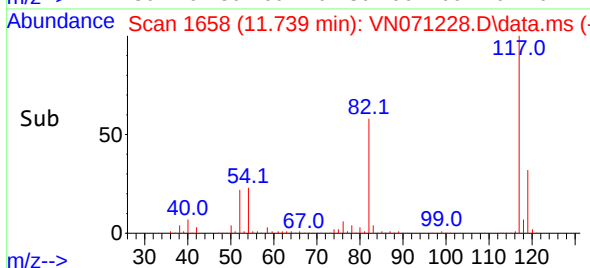
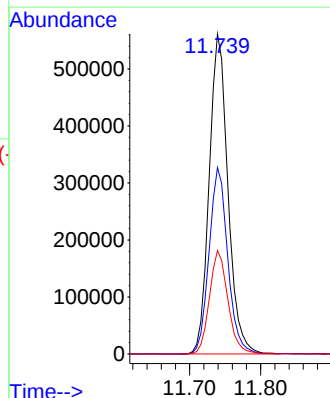
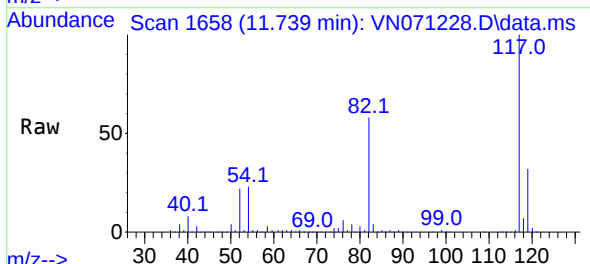
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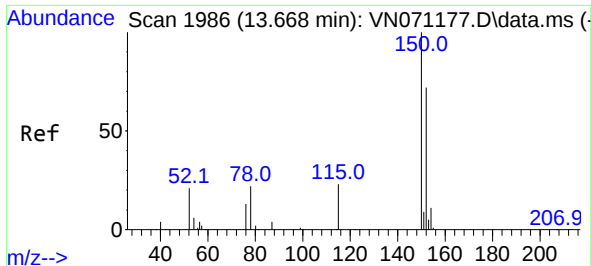
Tgt Ion: 95 Resp: 527889
Ion Ratio Lower Upper
95 100
174 79.2 0.0 187.2
176 76.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071228.D
Acq: 10 Mar 2022 14:11

Tgt Ion: 117 Resp: 1031471
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 32.3 25.4 38.2

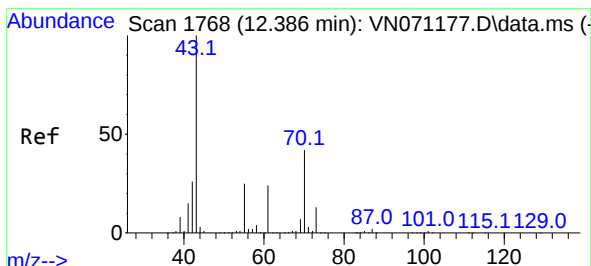
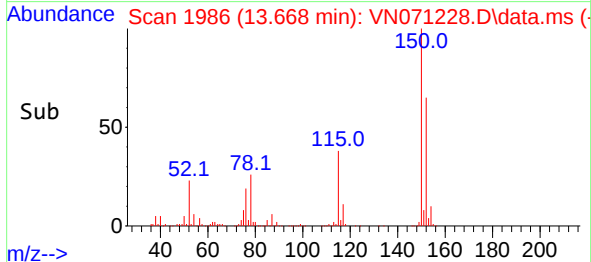
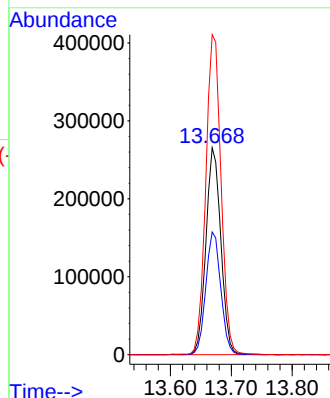
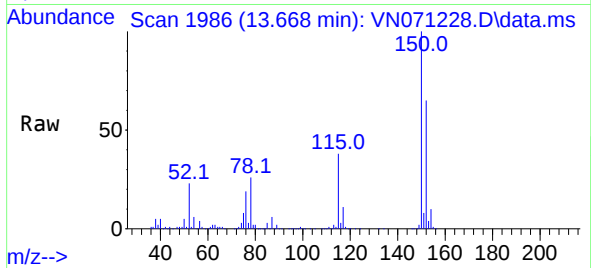




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071228.D
Acq: 10 Mar 2022 14:11

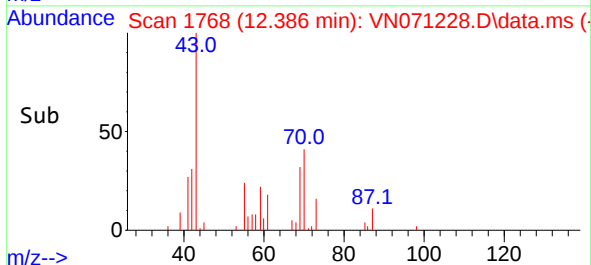
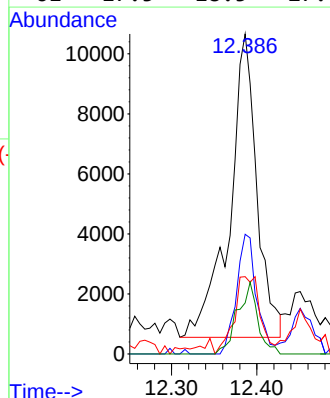
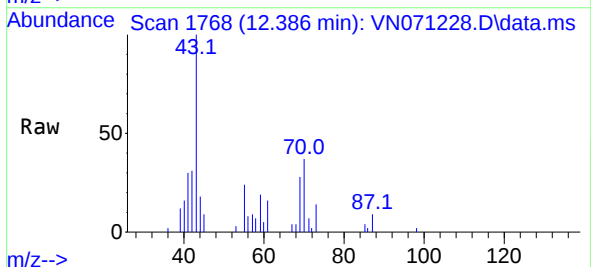
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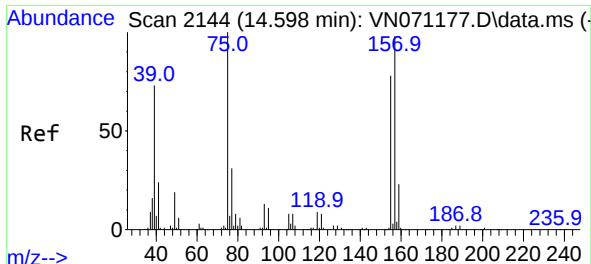
Tgt Ion:152 Resp: 451676
Ion Ratio Lower Upper
152 100
115 59.5 27.5 82.5
150 157.7 0.0 344.4



#74
N-ethyl acetate
Concen: 1.942 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071228.D
Acq: 10 Mar 2022 14:11

Tgt Ion: 43 Resp: 22568
Ion Ratio Lower Upper
43 100
70 29.1 33.4 50.0#
55 24.2 19.3 28.9
61 17.5 18.5 27.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.134 ug/l

RT: 14.604 min Scan# 2144

Delta R.T. 0.006 min

Lab File: VN071228.D

Acq: 10 Mar 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

AUD-1281

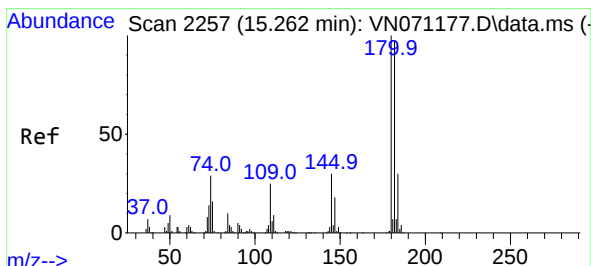
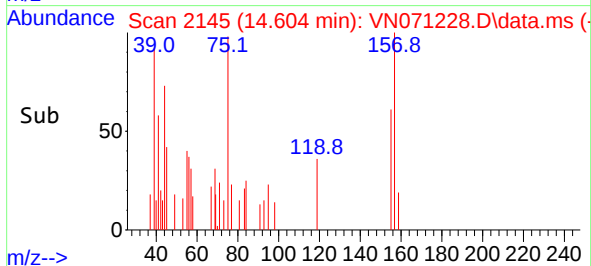
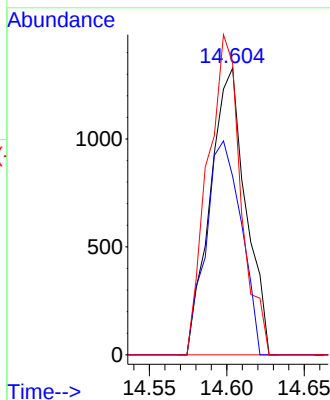
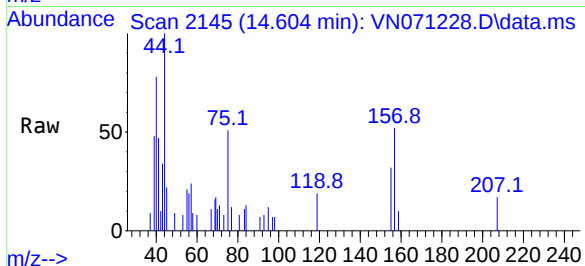
Tgt Ion: 75 Resp: 2122

Ion Ratio Lower Upper

75 100

155 74.0 46.9 140.7

157 104.1 60.6 181.7



#93

1,2,4-Trichlorobenzene

Concen: 3.804 ug/l

RT: 15.262 min Scan# 2257

Delta R.T. 0.005 min

Lab File: VN071228.D

Acq: 10 Mar 2022 14:11

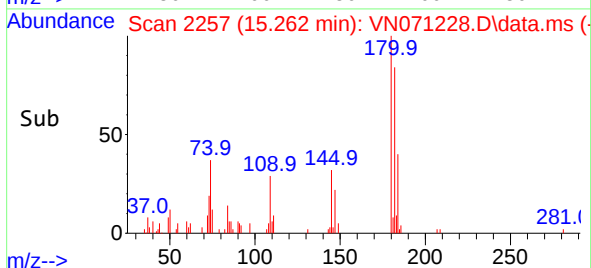
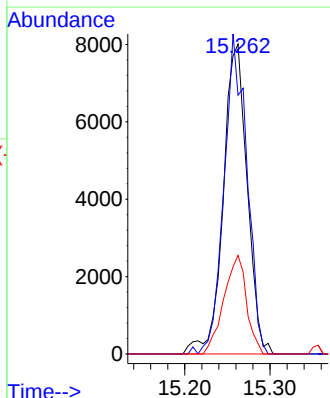
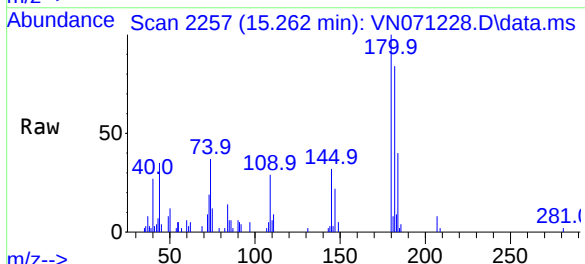
Tgt Ion:180 Resp: 15639

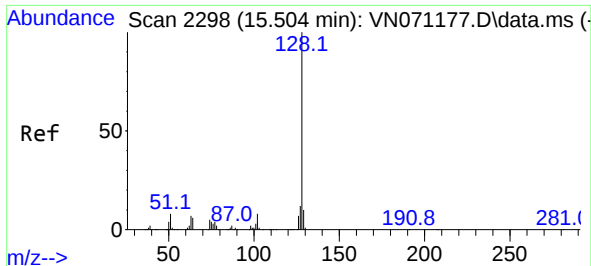
Ion Ratio Lower Upper

180 100

182 98.7 48.3 144.9

145 30.1 14.5 43.5

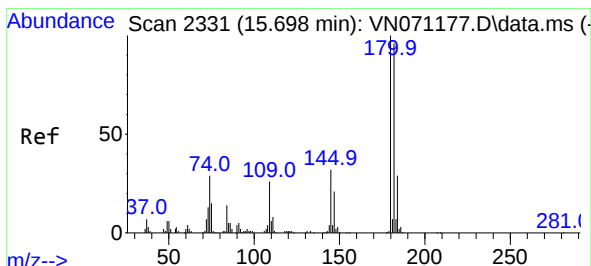
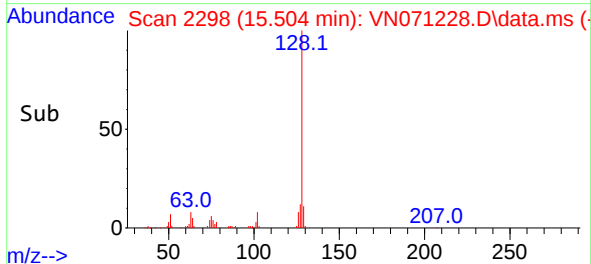
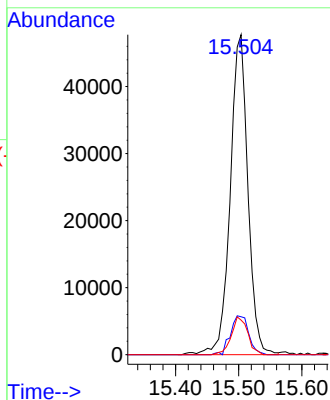
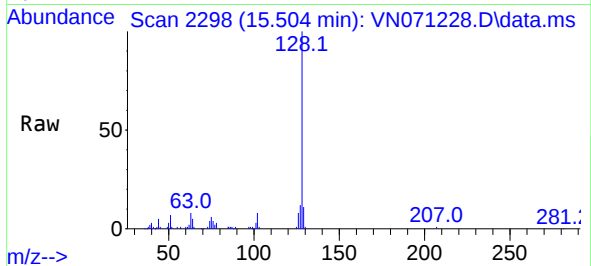




#95
Naphthalene
Concen: 9.128 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071228.D
Acq: 10 Mar 2022 14:11

Instrument :
MSVOA_N
ClientSampleId :
AUD-1281

Tgt Ion:128 Resp: 92837
Ion Ratio Lower Upper
128 100
127 12.5 10.5 15.7
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 5.083 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN071228.D
Acq: 10 Mar 2022 14:11

Tgt Ion:180 Resp: 20723
Ion Ratio Lower Upper
180 100
182 98.2 47.4 142.2
145 33.7 15.0 45.1

