

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032222\  
 Data File : VN071477.D  
 Acq On : 22 Mar 2022 19:22  
 Operator : JC\MD  
 Sample : N2053-04  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 AUD-1271

Quant Time: Mar 23 07:10:48 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

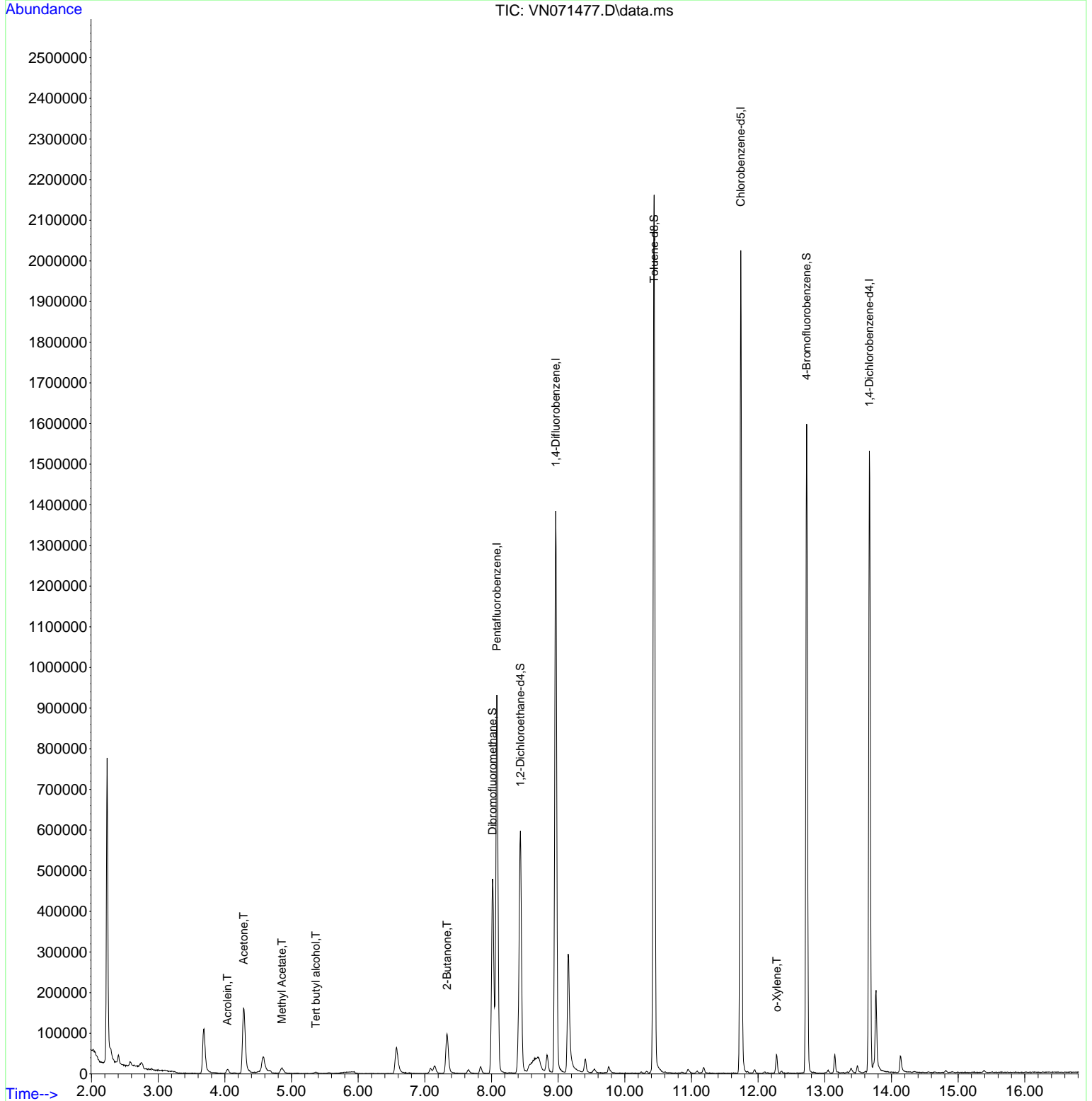
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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Internal Standards						
1) Pentafluorobenzene	8.081	168	694246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1202364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1139883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	414467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	468165	49.203	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery =	98.400%		
35) Dibromofluoromethane	8.016	113	353799	46.630	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery =	93.260%		
50) Toluene-d8	10.439	98	1478019	48.382	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery =	96.760%		
62) 4-Bromofluorobenzene	12.727	95	553133	53.471	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery =	106.940%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.363	59	6070	3.247	ug/l #	74
13) Acrolein	4.040	56	12778	6.459	ug/l	97
16) Acetone	4.281	43	307199	66.355	ug/l	97
18) Methyl Acetate	4.857	43	28789	2.764	ug/l	96
25) 2-Butanone	7.334	43	176565	23.675	ug/l	97
69) o-Xylene	12.280	106	12161	0.766	ug/l	93
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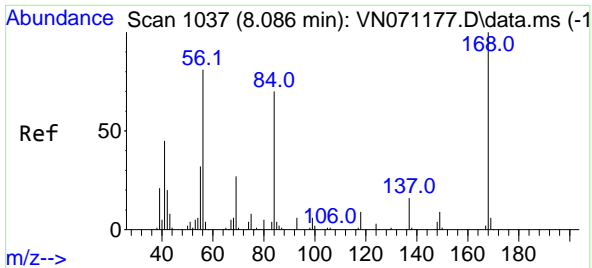
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 AUD-1271

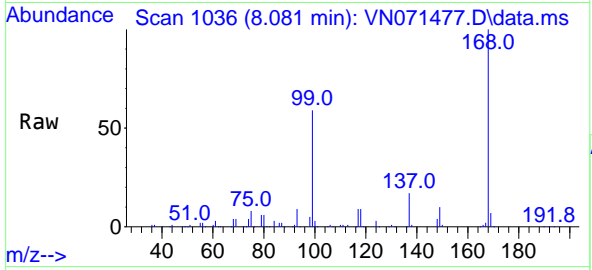
Quant Time: Mar 23 07:10:48 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030722W.M  
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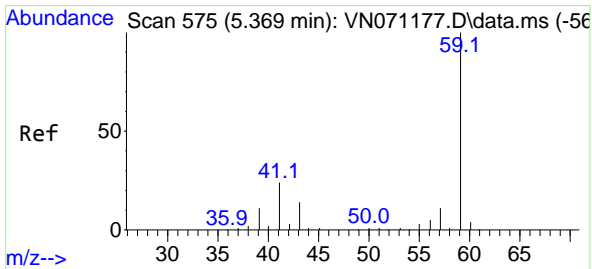
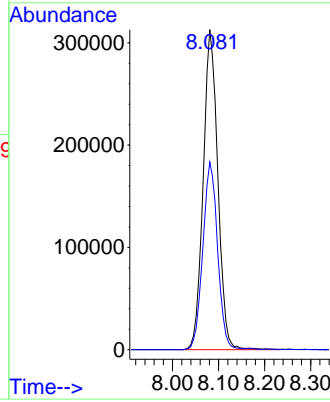
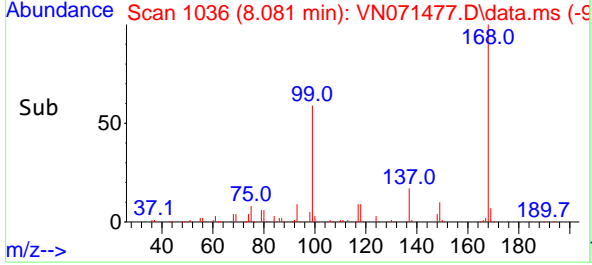


#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.081 min Scan# 1036  
 Delta R.T. -0.005 min  
 Lab File: VN071477.D  
 Acq: 22 Mar 2022 19:22

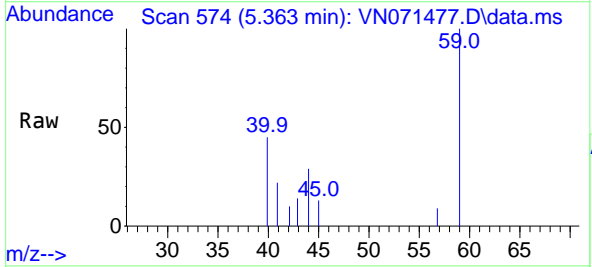
Instrument : MSVOA\_N  
 ClientSampleId : AUD-1271



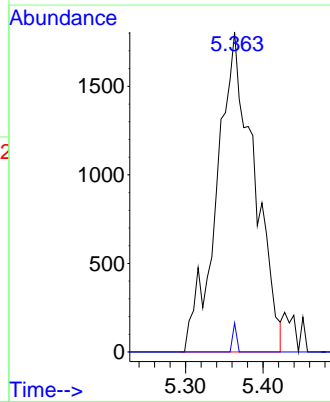
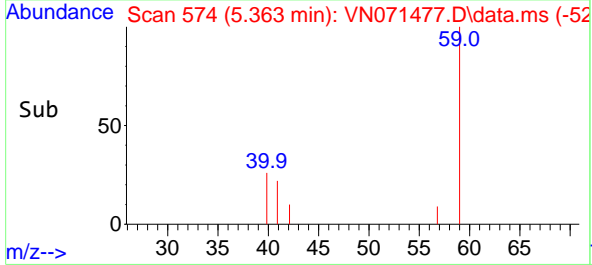
Tgt Ion:168 Resp: 694246  
 Ion Ratio Lower Upper  
 168 100  
 99 58.6 41.3 61.9

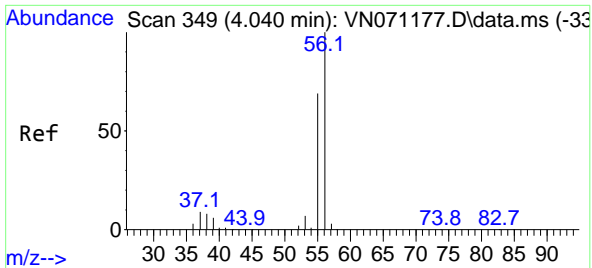


#11  
 Tert butyl alcohol  
 Concen: 3.247 ug/l  
 RT: 5.363 min Scan# 574  
 Delta R.T. -0.006 min  
 Lab File: VN071477.D  
 Acq: 22 Mar 2022 19:22



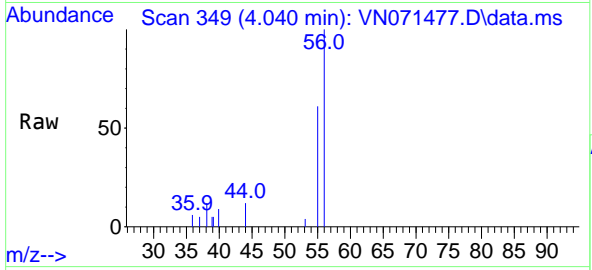
Tgt Ion: 59 Resp: 6070  
 Ion Ratio Lower Upper  
 59 100  
 57 1.0 8.7 13.1#



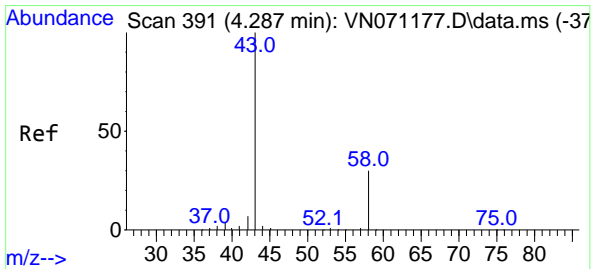
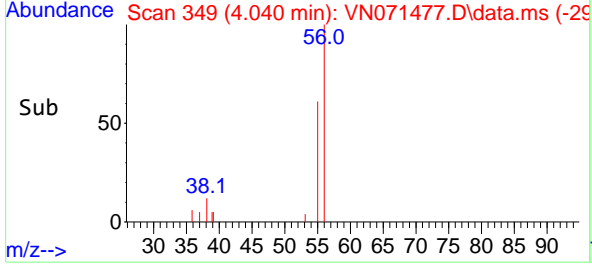
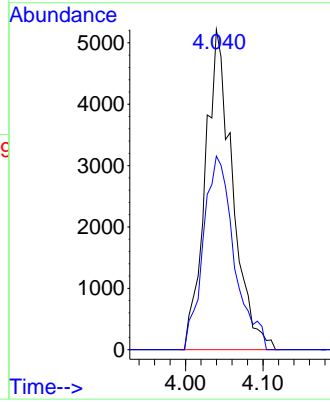


#13  
 Acrolein  
 Concen: 6.459 ug/l  
 RT: 4.040 min Scan# 34  
 Delta R.T. 0.000 min  
 Lab File: VN071477.D  
 Acq: 22 Mar 2022 19:22

Instrument : MSVOA\_N  
 ClientSampleId : AUD-1271

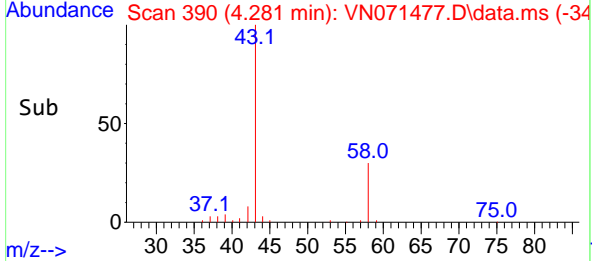
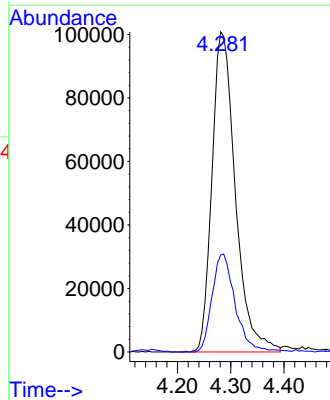
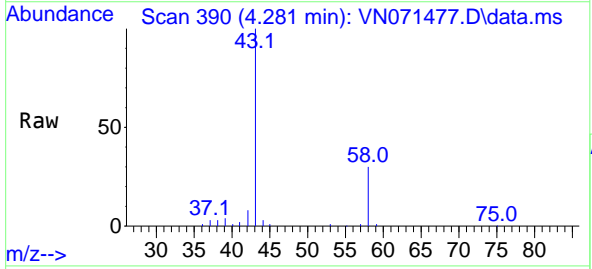


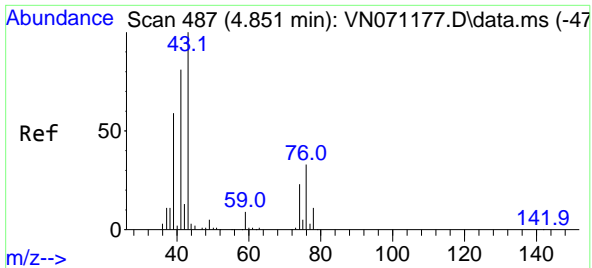
Tgt Ion: 56 Resp: 12778  
 Ion Ratio Lower Upper  
 56 100  
 55 68.5 56.6 85.0



#16  
 Acetone  
 Concen: 66.355 ug/l  
 RT: 4.281 min Scan# 390  
 Delta R.T. -0.006 min  
 Lab File: VN071477.D  
 Acq: 22 Mar 2022 19:22

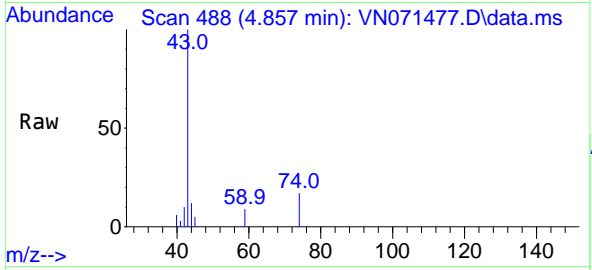
Tgt Ion: 43 Resp: 307199  
 Ion Ratio Lower Upper  
 43 100  
 58 30.3 23.1 34.7



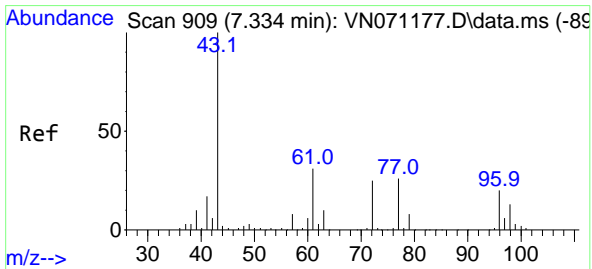
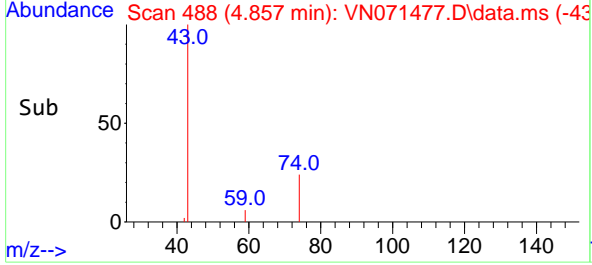
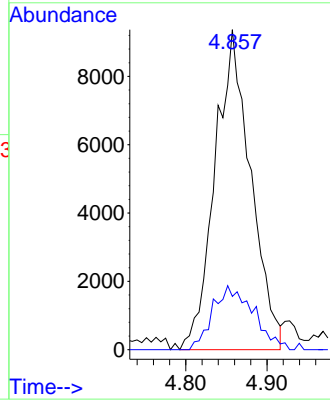


#18  
 Methyl Acetate  
 Concen: 2.764 ug/l  
 RT: 4.857 min Scan# 488  
 Delta R.T. 0.006 min  
 Lab File: VN071477.D  
 Acq: 22 Mar 2022 19:22

Instrument : MSVOA\_N  
 ClientSampleId : AUD-1271

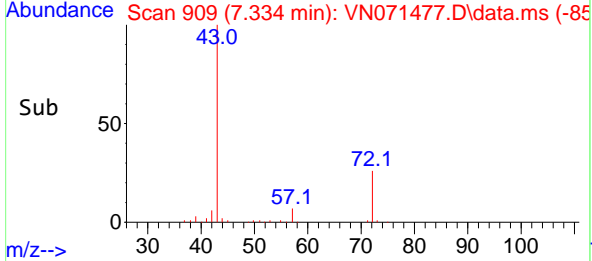
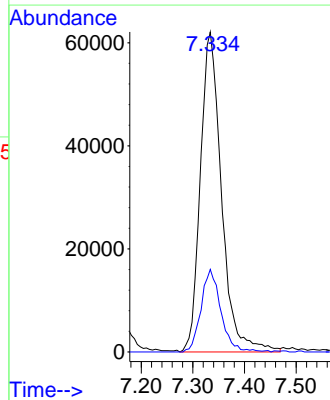
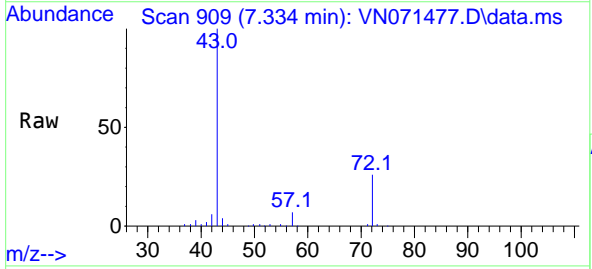


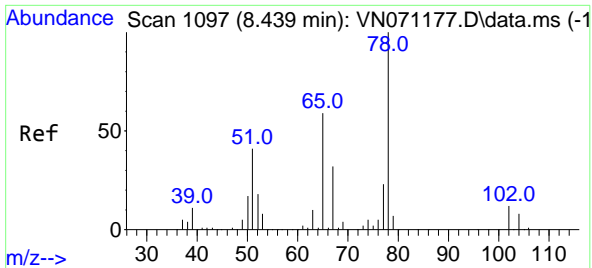
Tgt Ion: 43 Resp: 28789  
 Ion Ratio Lower Upper  
 43 100  
 74 22.5 19.4 29.2



#25  
 2-Butanone  
 Concen: 23.675 ug/l  
 RT: 7.334 min Scan# 909  
 Delta R.T. 0.000 min  
 Lab File: VN071477.D  
 Acq: 22 Mar 2022 19:22

Tgt Ion: 43 Resp: 176565  
 Ion Ratio Lower Upper  
 43 100  
 72 25.8 21.7 32.5

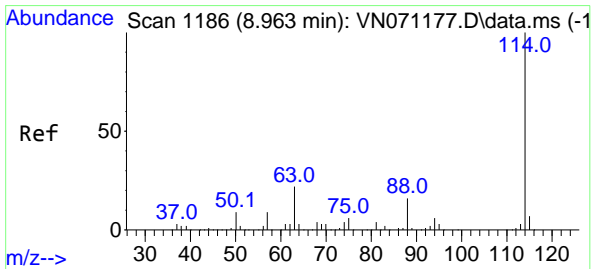
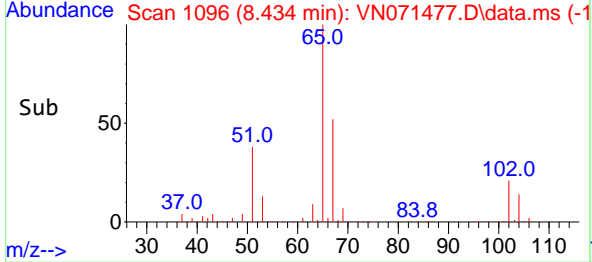
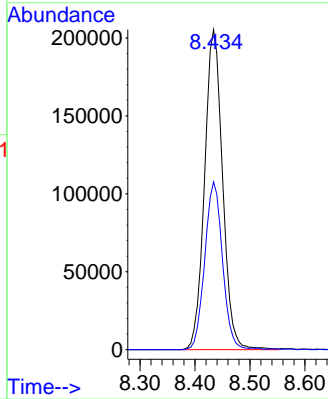
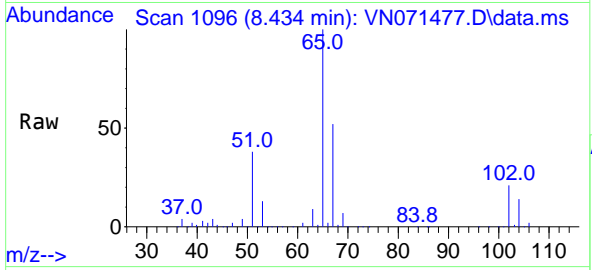




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.203 ug/l  
 RT: 8.434 min Scan# 1096  
 Delta R.T. -0.006 min  
 Lab File: VN071477.D  
 Acq: 22 Mar 2022 19:22

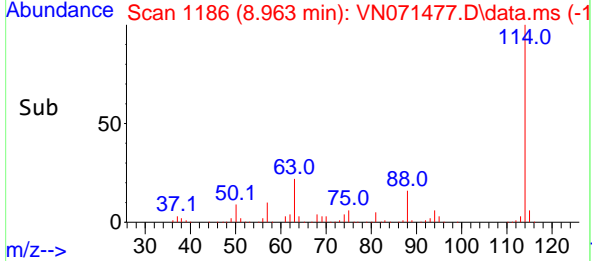
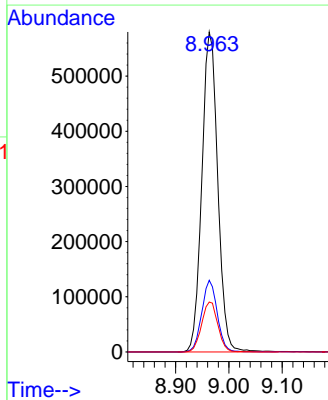
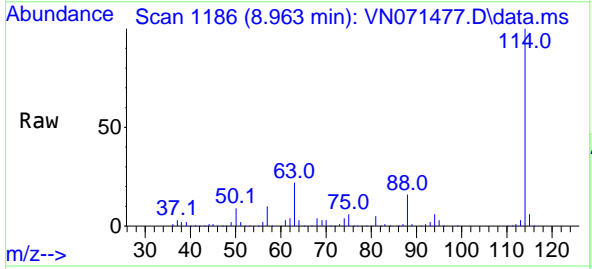
Instrument : MSVOA\_N  
 ClientSampleId : AUD-1271

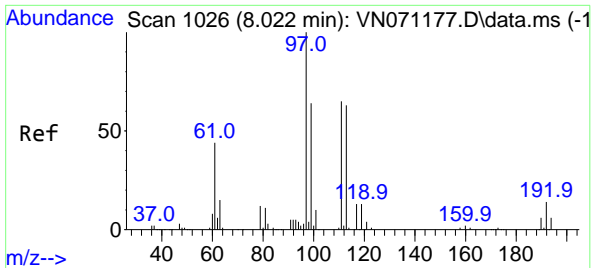
Tgt Ion: 65 Resp: 468165  
 Ion Ratio Lower Upper  
 65 100  
 67 51.4 0.0 103.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.963 min Scan# 1186  
 Delta R.T. -0.000 min  
 Lab File: VN071477.D  
 Acq: 22 Mar 2022 19:22

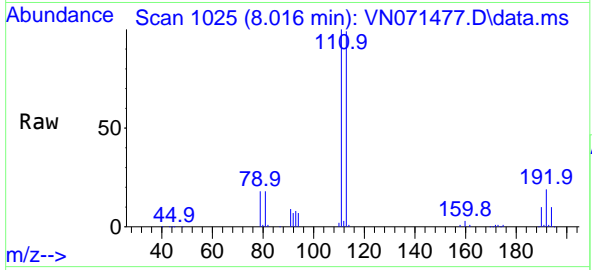
Tgt Ion: 114 Resp: 1202364  
 Ion Ratio Lower Upper  
 114 100  
 63 22.4 0.0 37.8  
 88 15.6 0.0 27.4



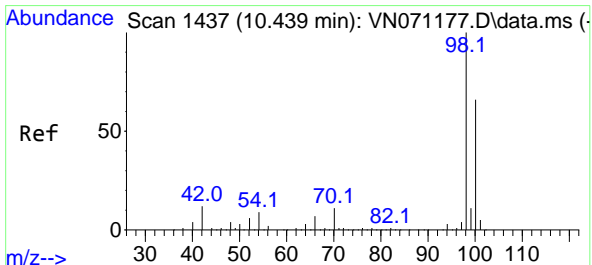
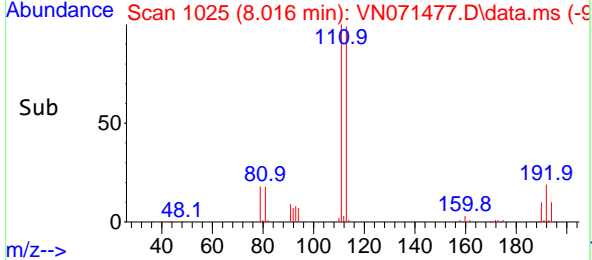
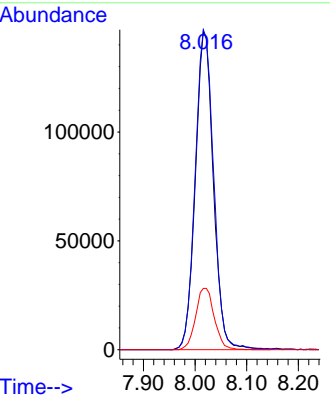


#35  
 Dibromofluoromethane  
 Concen: 46.630 ug/l  
 RT: 8.016 min Scan# 1025  
 Delta R.T. -0.006 min  
 Lab File: VN071477.D  
 Acq: 22 Mar 2022 19:22

Instrument : MSVOA\_N  
 ClientSampleId : AUD-1271

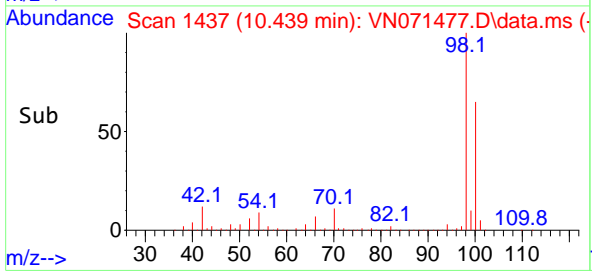
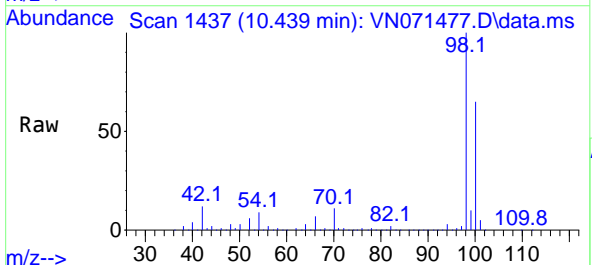
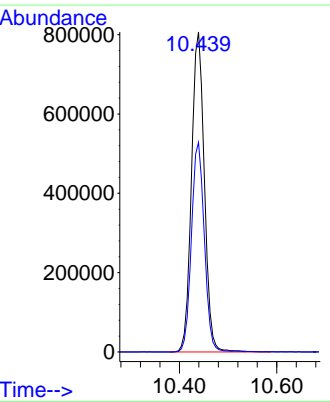


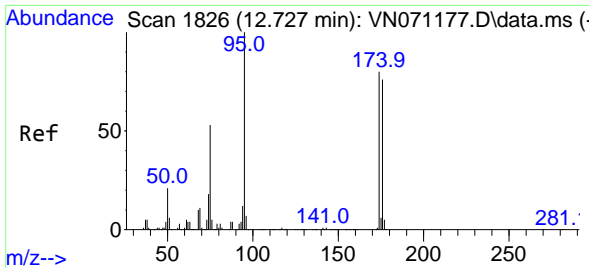
Tgt Ion:113 Resp: 353799  
 Ion Ratio Lower Upper  
 113 100  
 111 103.0 82.2 123.2  
 192 20.0 16.9 25.3



#50  
 Toluene-d8  
 Concen: 48.382 ug/l  
 RT: 10.439 min Scan# 1437  
 Delta R.T. 0.000 min  
 Lab File: VN071477.D  
 Acq: 22 Mar 2022 19:22

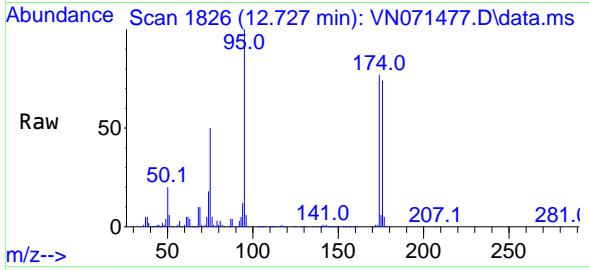
Tgt Ion: 98 Resp: 1478019  
 Ion Ratio Lower Upper  
 98 100  
 100 65.8 50.4 75.6





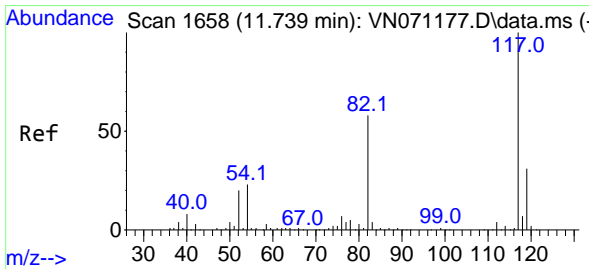
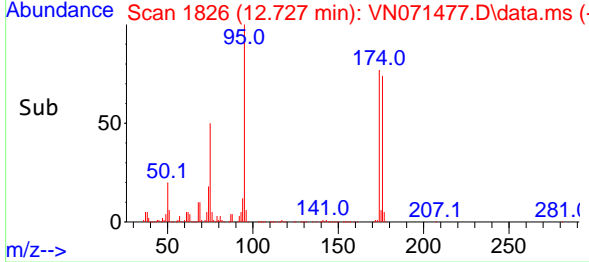
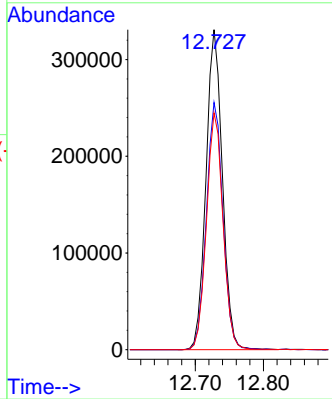
#62  
 4-Bromofluorobenzene  
 Concen: 53.471 ug/l  
 RT: 12.727 min Scan# 1826  
 Delta R.T. 0.000 min  
 Lab File: VN071477.D  
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Tgt Ion: 95 Resp: 553133

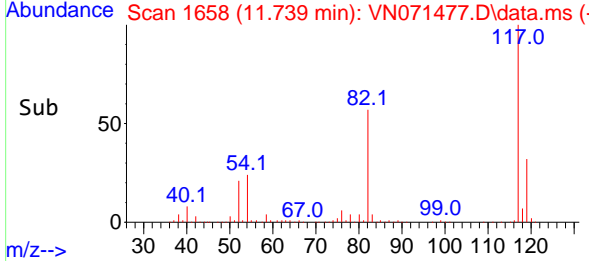
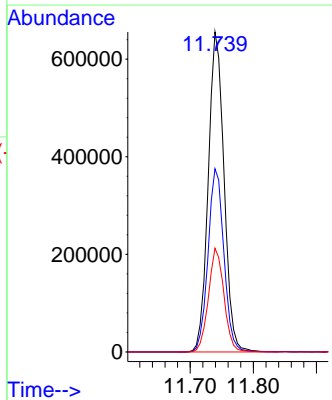
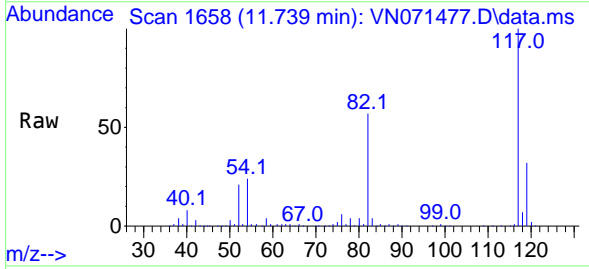
Ion	Ratio	Lower	Upper
95	100		
174	78.4	0.0	187.2
176	74.7	0.0	181.4



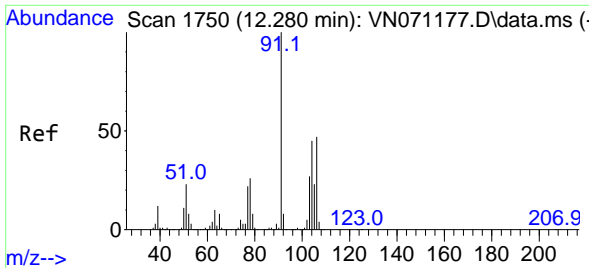
#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.739 min Scan# 1658  
 Delta R.T. 0.000 min  
 Lab File: VN071477.D  
 Acq: 22 Mar 2022 19:22

Tgt Ion: 117 Resp: 1139883

Ion	Ratio	Lower	Upper
117	100		
82	57.2	42.4	63.6
119	32.4	25.4	38.2



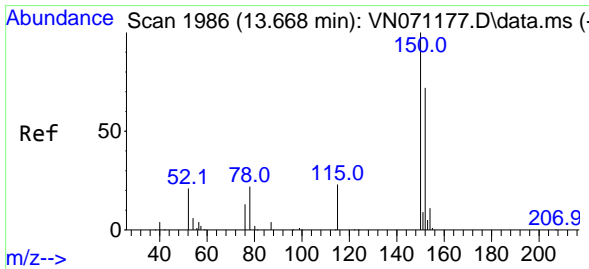
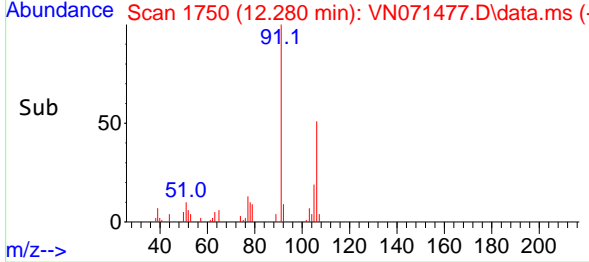
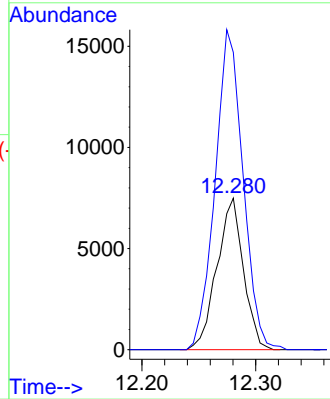
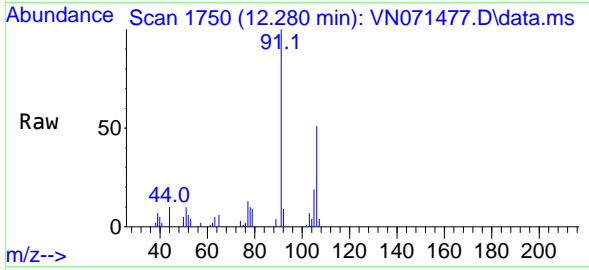




#69  
 o-Xylene  
 Concen: 0.766 ug/l  
 RT: 12.280 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VN071477.D  
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Tgt Ion:106 Resp: 12161  
 Ion Ratio Lower Upper  
 106 100  
 91 222.3 105.8 317.3



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.669 min Scan# 1986  
 Delta R.T. 0.001 min  
 Lab File: VN071477.D  
 Acq: 22 Mar 2022 19:22

Tgt Ion:152 Resp: 414467  
 Ion Ratio Lower Upper  
 152 100  
 115 59.2 27.5 82.5  
 150 158.0 0.0 344.4

