

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081621\
 Data File : VX023746.D
 Acq On : 16 Aug 2021 18:22
 Operator : JC/MD
 Sample : M3407-24
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 28S

Quant Time: Aug 17 06:19:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

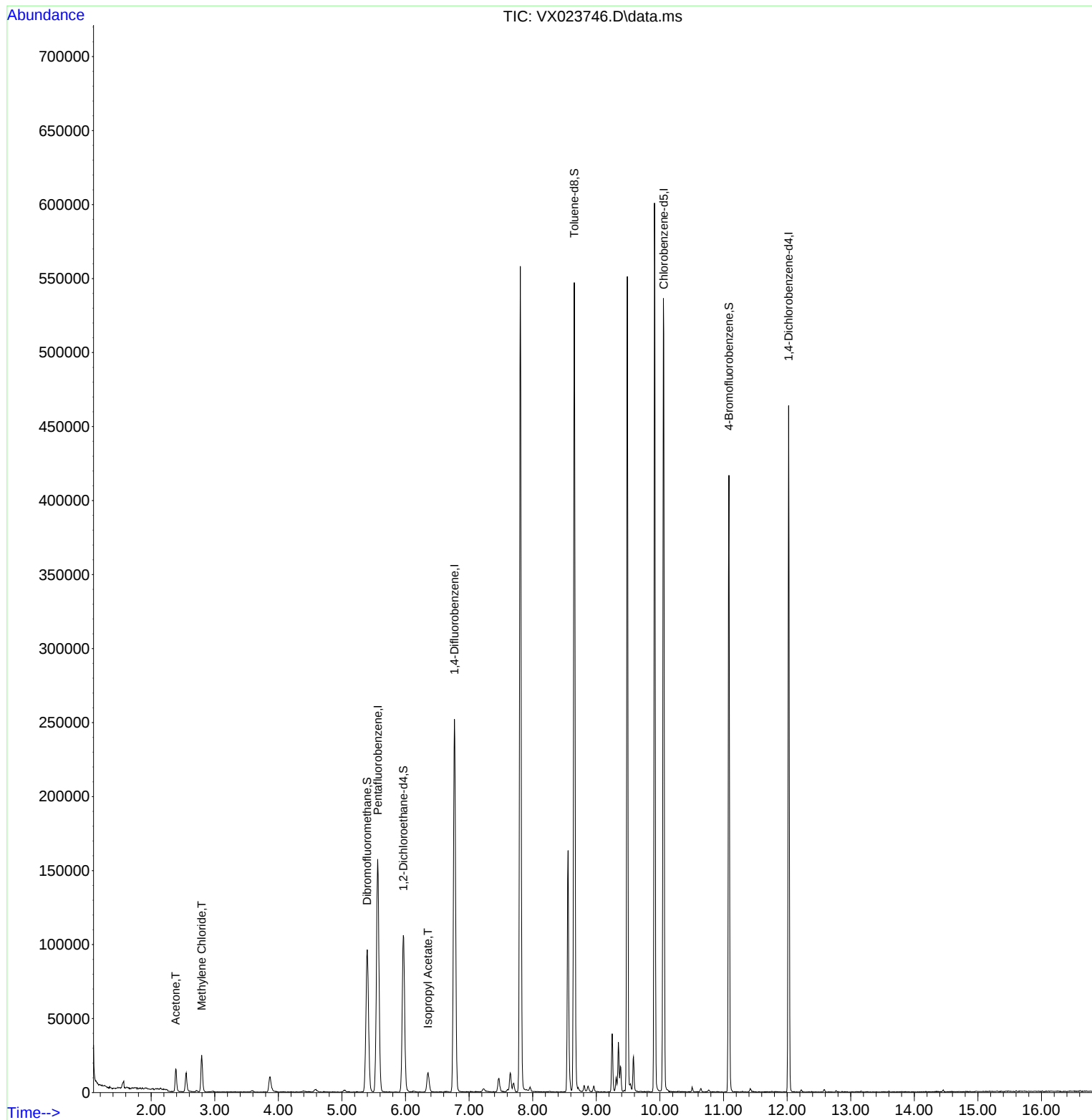
Internal Standards						
1) Pentafluorobenzene	5.562	168	145816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	251633	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	236346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103848	57.093	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 114.180%	
35) Dibromofluoromethane	5.397	113	81691	51.923	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.840%	
50) Toluene-d8	8.653	98	313988	54.319	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.640%	
62) 4-Bromofluorobenzene	11.085	95	104117	52.970	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.940%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	16514	18.508	ug/l	95
20) Methylene Chloride	2.794	84	10844	6.248	ug/l #	89
43) Isopropyl Acetate	6.354	43	17609	3.959	ug/l #	91

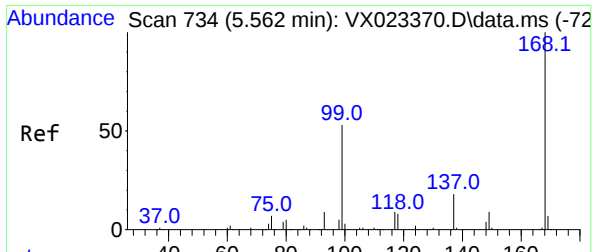
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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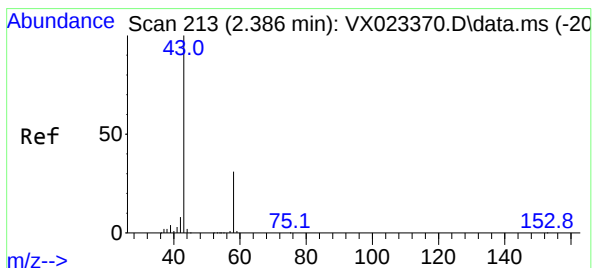
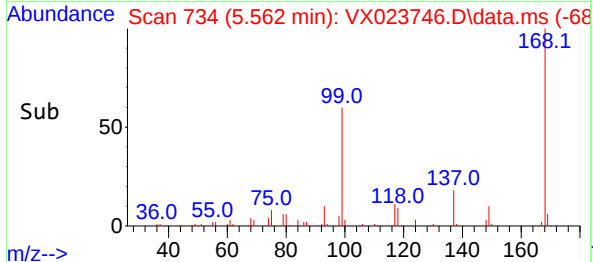
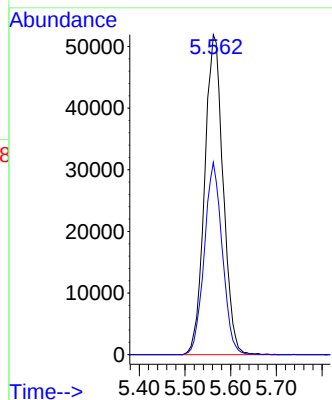
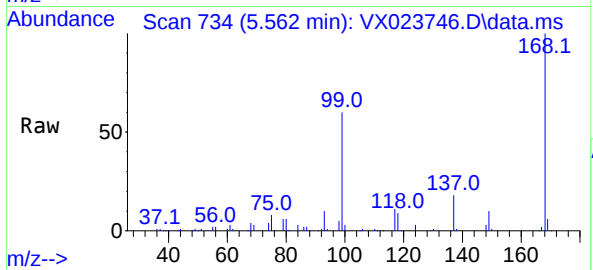




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

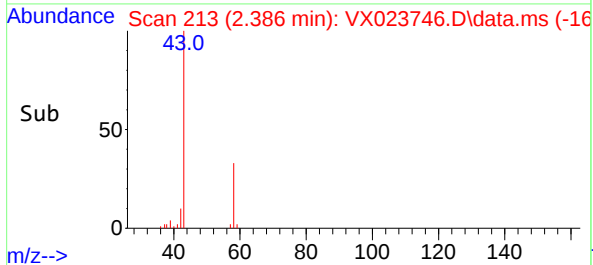
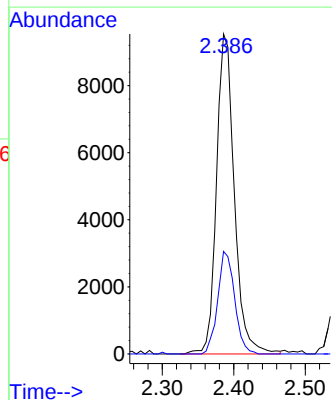
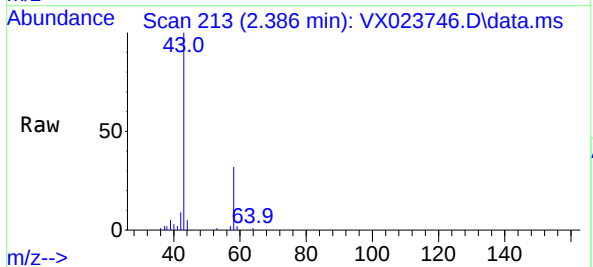
Instrument :
MSVOA_X
ClientSampled :
28S

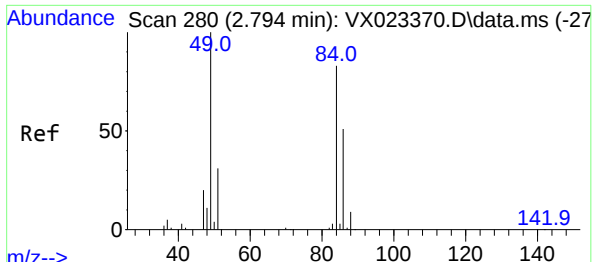
Tgt Ion:168 Resp: 145816
Ion Ratio Lower Upper
168 100
99 60.1 45.8 68.6



#16
Acetone
Concen: 18.508 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

Tgt Ion: 43 Resp: 16514
Ion Ratio Lower Upper
43 100
58 32.0 27.8 41.8



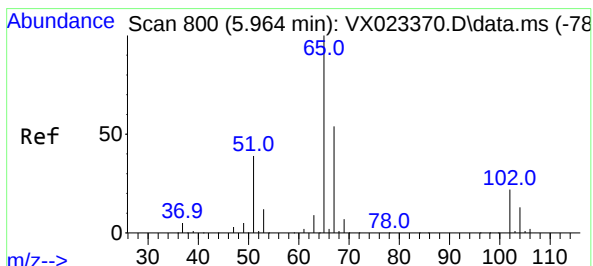
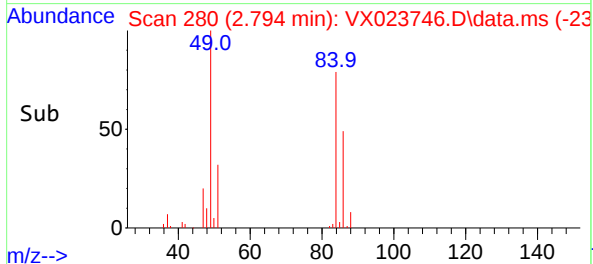
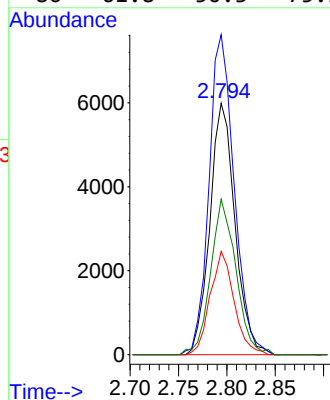
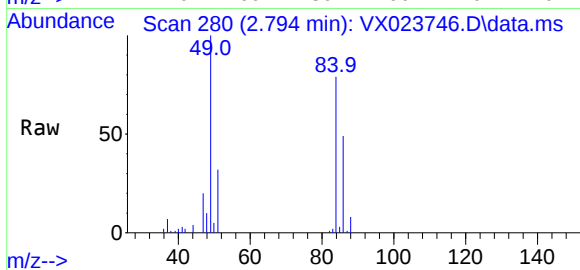


#20
Methylene Chloride
Concen: 6.248 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

Instrument :
MSVOA_X
ClientSampled :
28S

Tgt Ion: 84 Resp: 10844

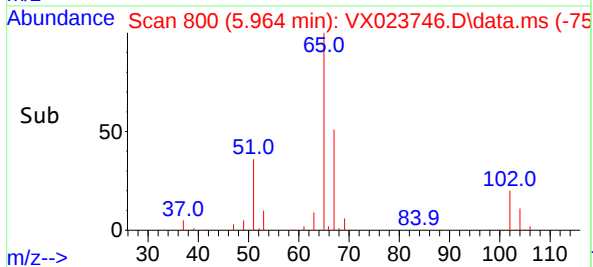
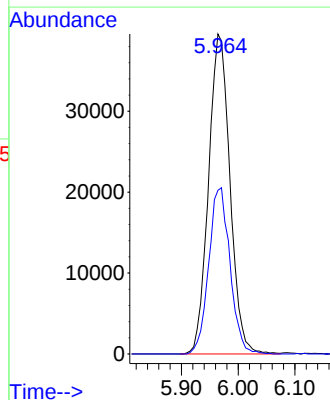
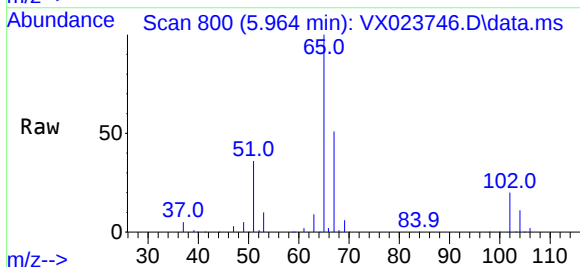
Ion	Ratio	Lower	Upper
84	100		
49	127.2	88.6	132.8
51	41.0	27.0	40.6#
86	61.8	50.3	75.5

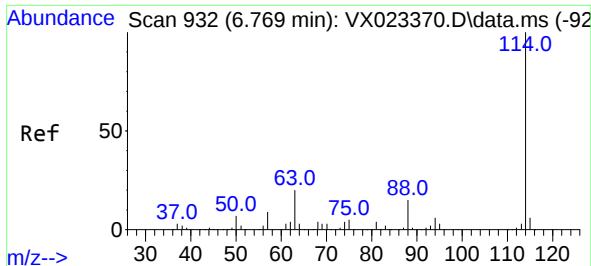


#33
1,2-Dichloroethane-d4
Concen: 57.093 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

Tgt Ion: 65 Resp: 103848

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	105.4

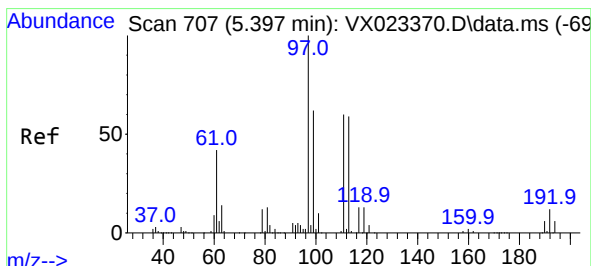
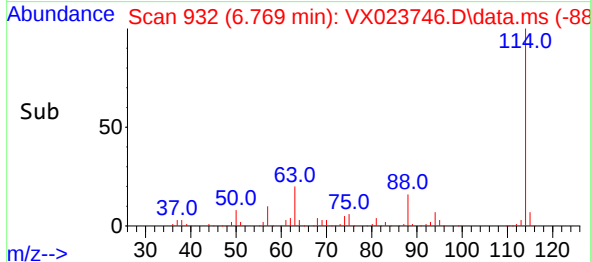
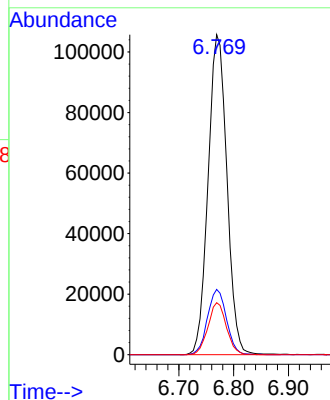
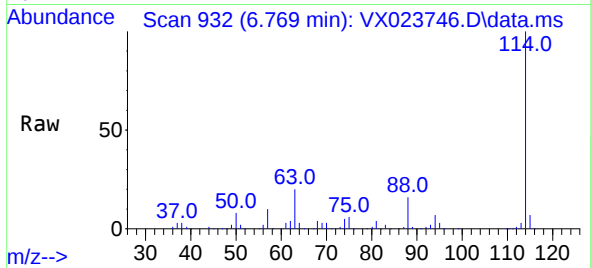




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

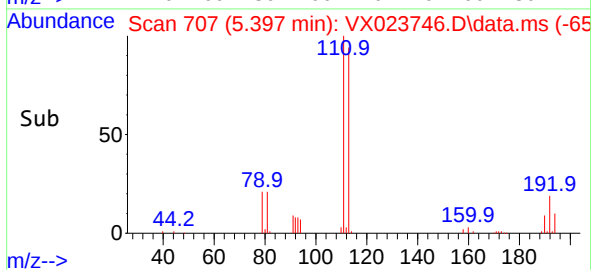
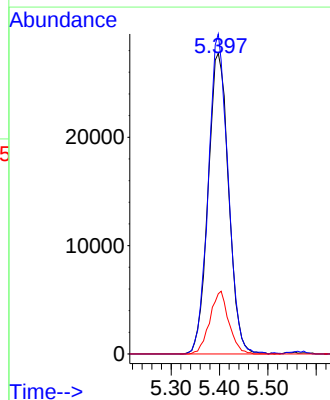
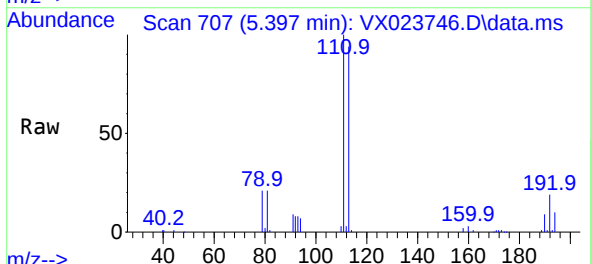
Instrument :
MSVOA_X
ClientSampled :
28S

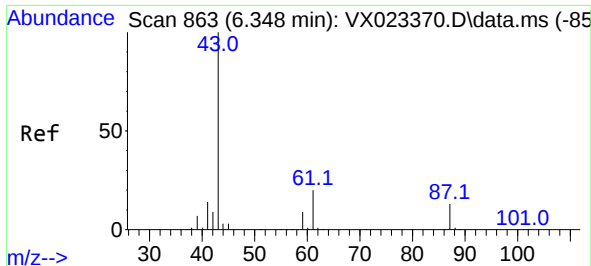
Tgt Ion:114 Resp: 251633
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.923 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

Tgt Ion:113 Resp: 81691
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 19.4 16.7 25.1

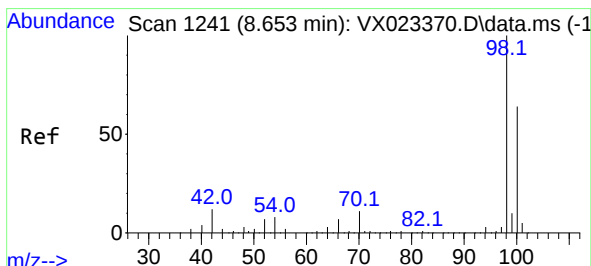
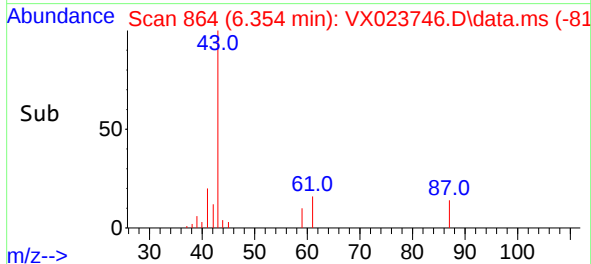
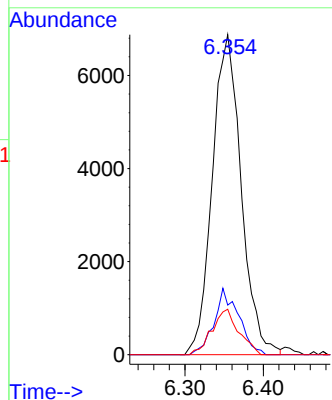
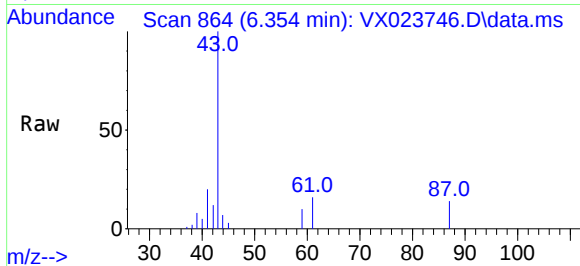




#43
Isopropyl Acetate
Concen: 3.959 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

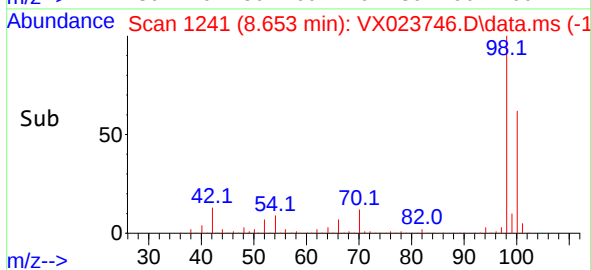
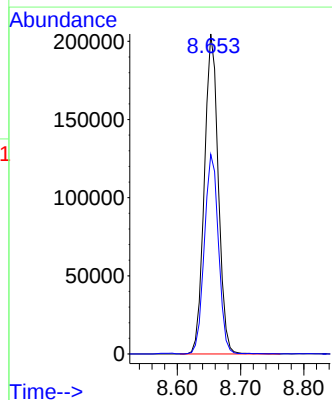
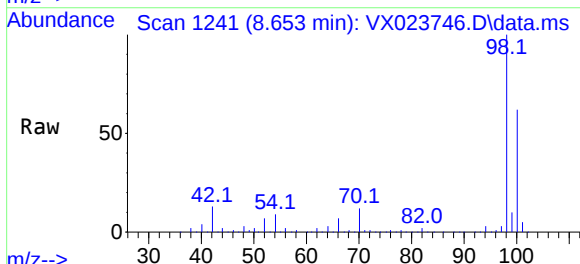
Instrument :
MSVOA_X
ClientSampled :
28S

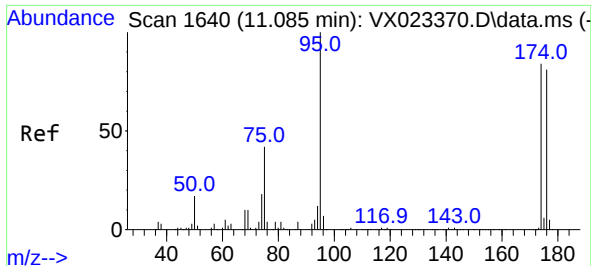
Tgt Ion: 43 Resp: 17609
Ion Ratio Lower Upper
43 100
61 17.7 18.2 27.4#
87 13.2 12.5 18.7



#50
Toluene-d8
Concen: 54.319 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

Tgt Ion: 98 Resp: 313988
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9

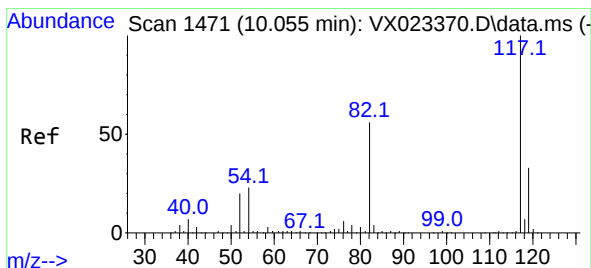
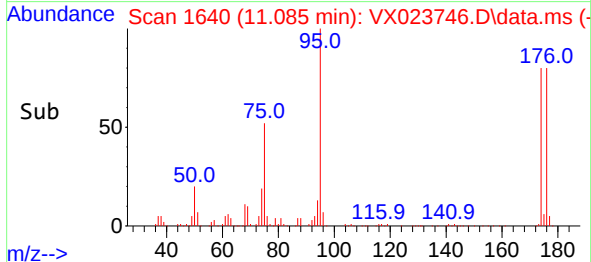
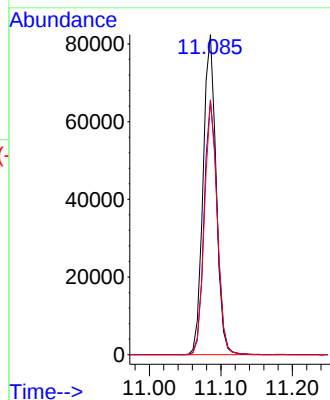
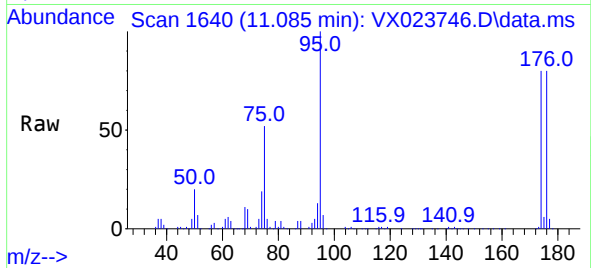




#62
4-Bromofluorobenzene
Concen: 52.970 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

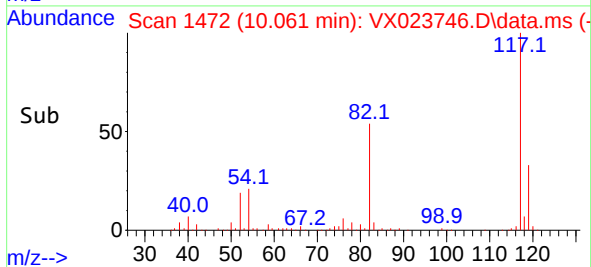
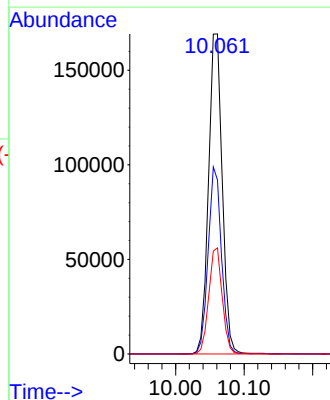
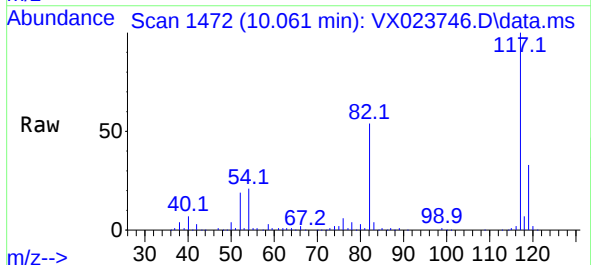
Instrument :
MSVOA_X
ClientSampled :
28S

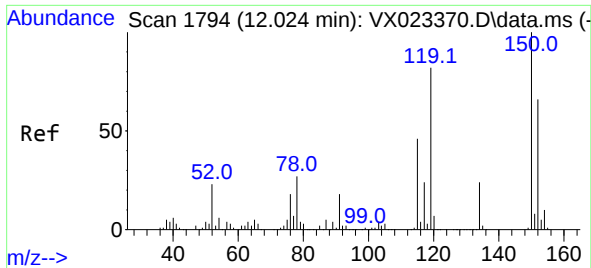
Tgt Ion: 95 Resp: 104117
Ion Ratio Lower Upper
95 100
174 79.9 0.0 154.6
176 77.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023746.D
Acq: 16 Aug 2021 18:22

Tgt Ion: 117 Resp: 236346
Ion Ratio Lower Upper
117 100
82 54.3 47.4 71.2
119 33.2 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023746.D
 Acq: 16 Aug 2021 18:22

Instrument :
 MSVOA_X
 ClientSampled :
 28S

Tgt Ion:152 Resp: 91890
 Ion Ratio Lower Upper
 152 100
 115 58.7 41.1 123.3
 150 156.6 0.0 349.0

