

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070721\
 Data File : VX023167.D
 Acq On : 07 Jul 2021 13:06
 Operator : JC/MD
 Sample : M2939-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-02-070221

Quant Time: Jul 08 03:18:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

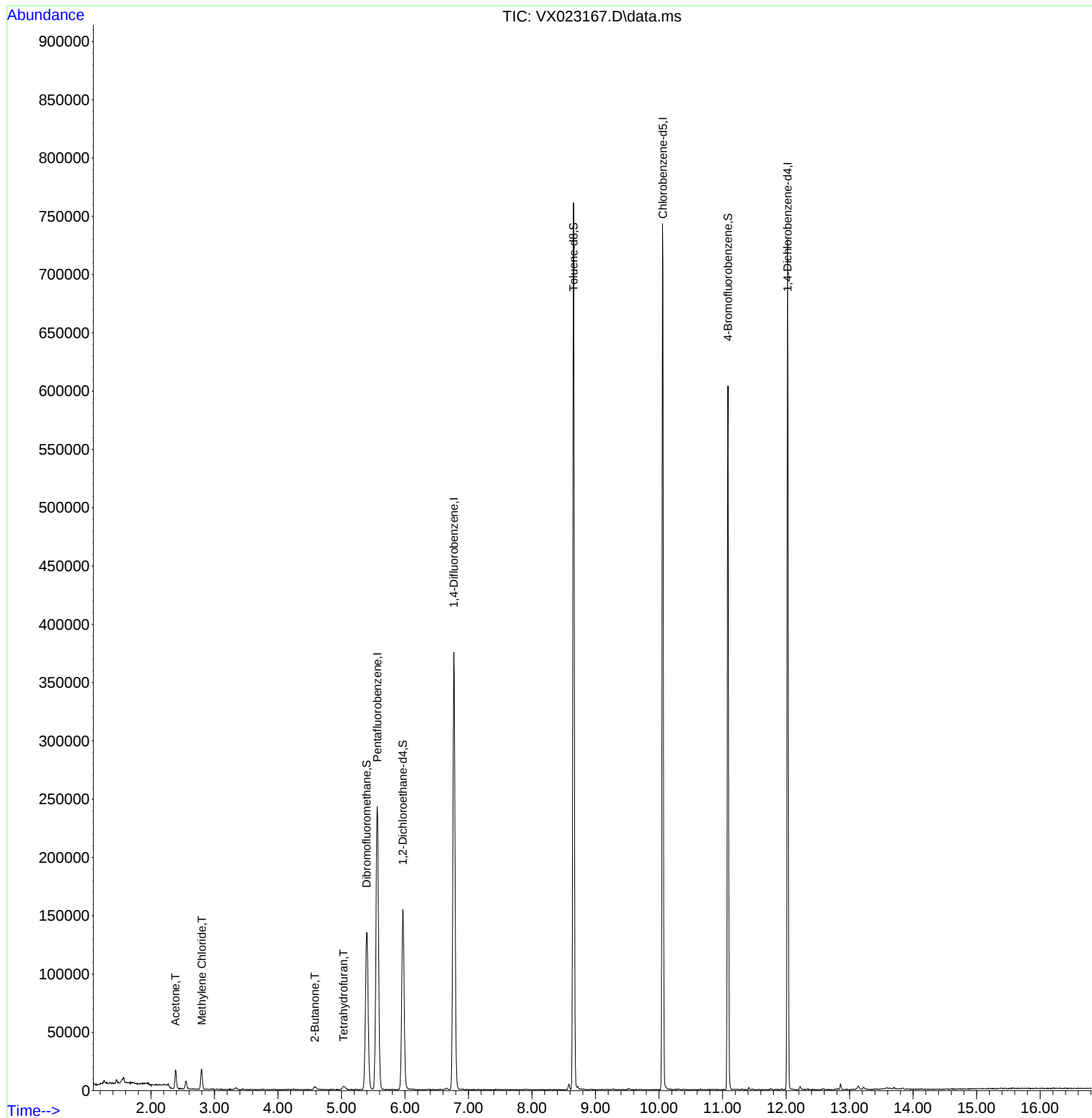
Internal Standards						
1) Pentafluorobenzene	5.562	168	223645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	372784	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	335366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	155408	51.703	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.400%			
35) Dibromofluoromethane	5.397	113	116999	48.602	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.200%			
50) Toluene-d8	8.653	98	443624	49.403	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.800%			
62) 4-Bromofluorobenzene	11.085	95	161555	46.602	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.200%			
Target Compounds						
16) Acetone	2.386	43	16257	13.671	ug/l	90
20) Methylene Chloride	2.800	84	7986	3.119	ug/l #	91
25) 2-Butanone	4.580	43	4775	2.663	ug/l	91
29) Tetrahydrofuran	5.032	42	2802	2.431	ug/l #	87

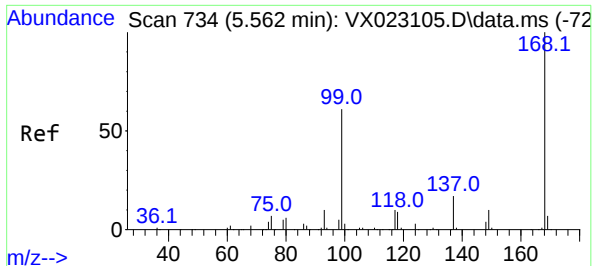
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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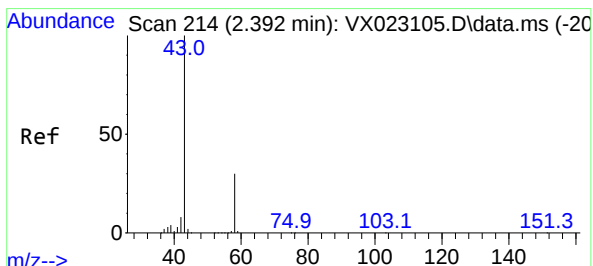
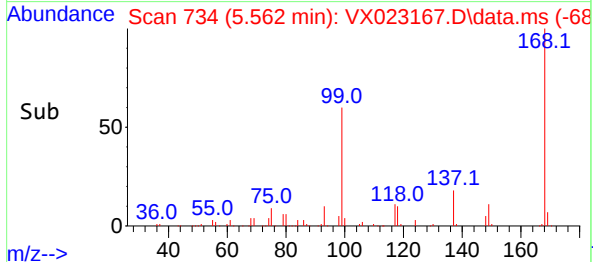
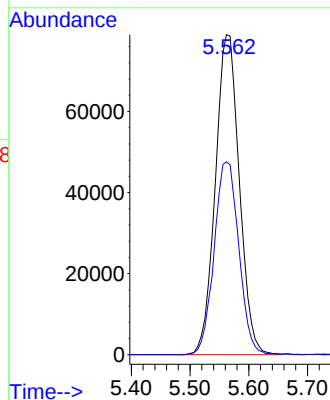
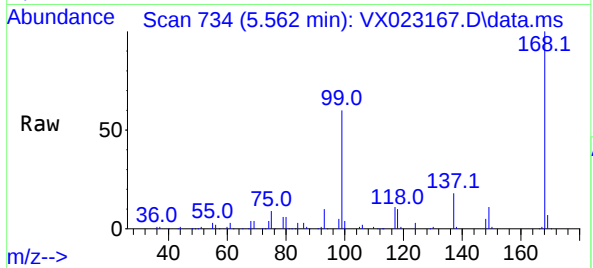




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023167.D
Acq: 07 Jul 2021 13:06

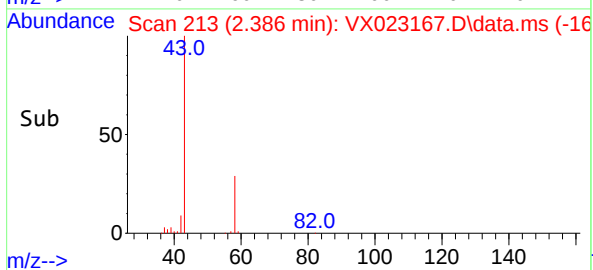
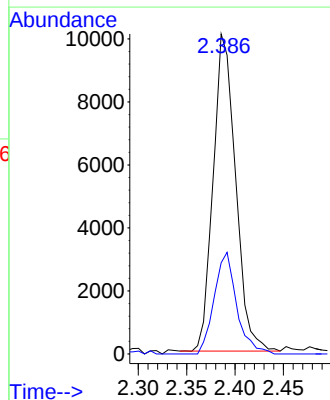
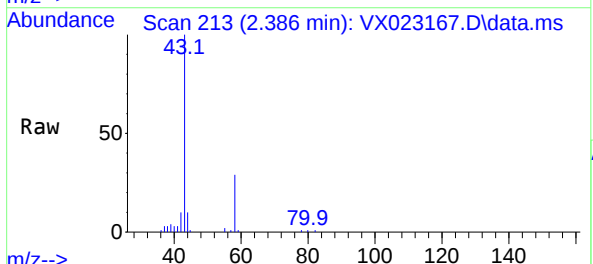
Instrument :
MSVOA_X
ClientSampleId :
EB-02-070221

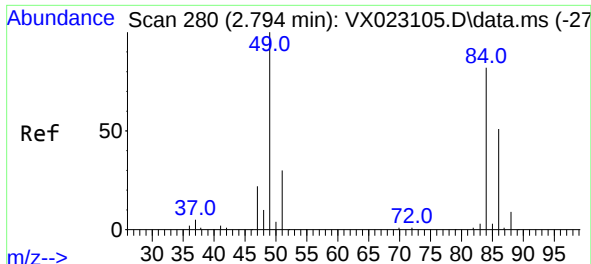
Tgt Ion:168 Resp: 223645
Ion Ratio Lower Upper
168 100
99 60.2 45.8 68.6



#16
Acetone
Concen: 13.671 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023167.D
Acq: 07 Jul 2021 13:06

Tgt Ion: 43 Resp: 16257
Ion Ratio Lower Upper
43 100
58 28.8 27.8 41.8

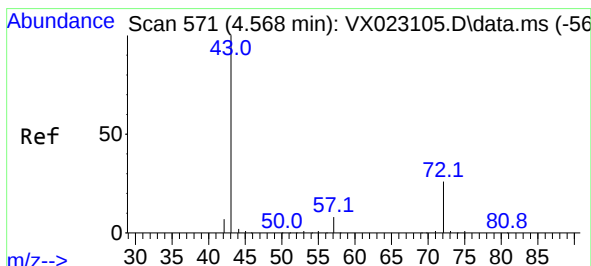
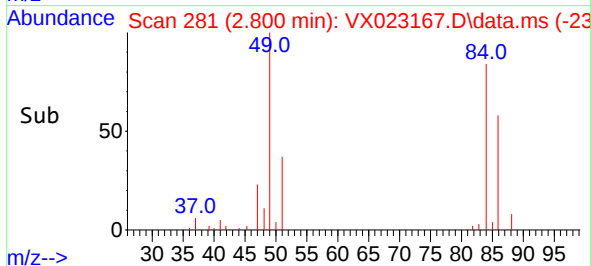
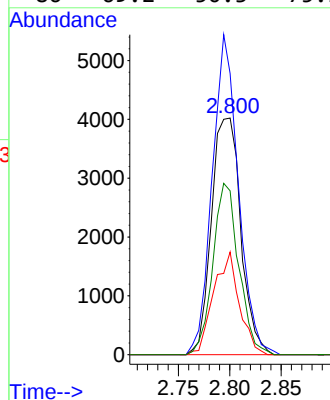
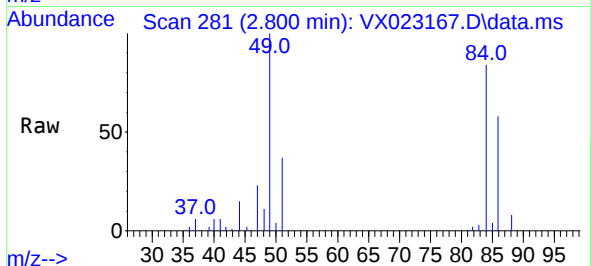




#20
Methylene Chloride
Concen: 3.119 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023167.D
Acq: 07 Jul 2021 13:06

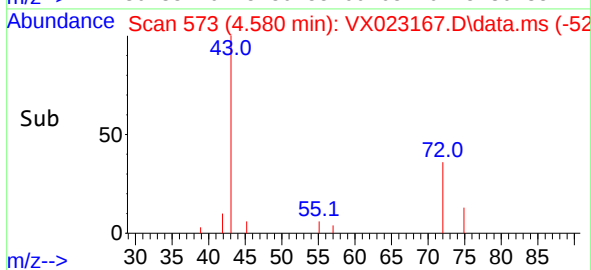
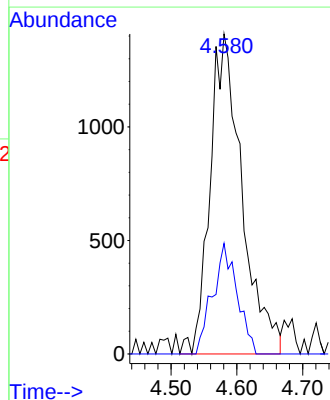
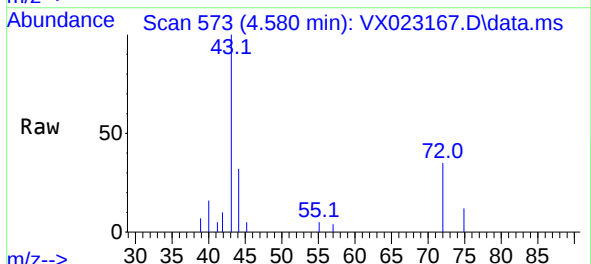
Instrument :
MSVOA_X
ClientSampleId :
EB-02-070221

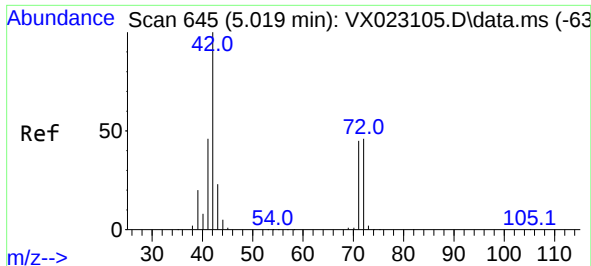
Tgt Ion:	84	Resp:	7986
Ion	Ratio	Lower	Upper
84	100		
49	118.8	88.6	132.8
51	43.4	27.0	40.6#
86	69.2	50.3	75.5



#25
2-Butanone
Concen: 2.663 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX023167.D
Acq: 07 Jul 2021 13:06

Tgt Ion:	43	Resp:	4775
Ion	Ratio	Lower	Upper
43	100		
72	34.6	23.7	35.5

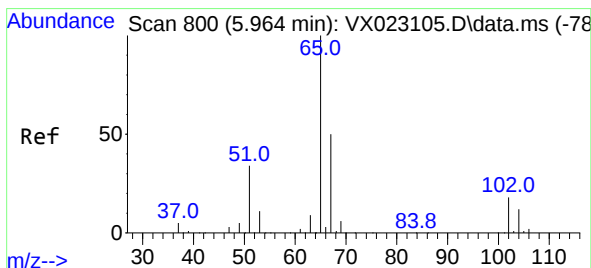
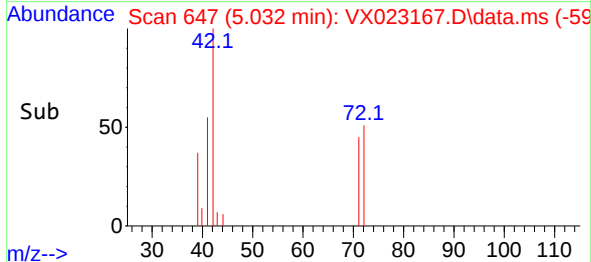
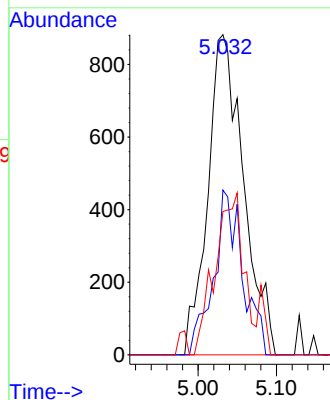
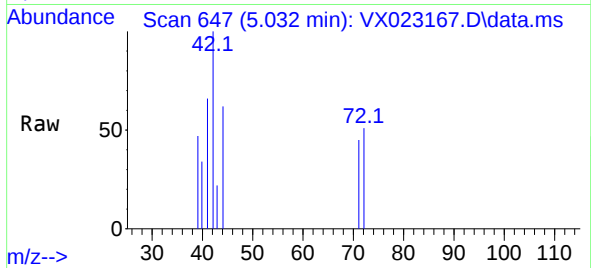




#29
Tetrahydrofuran
Concen: 2.431 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.013 min
Lab File: VX023167.D
Acq: 07 Jul 2021 13:06

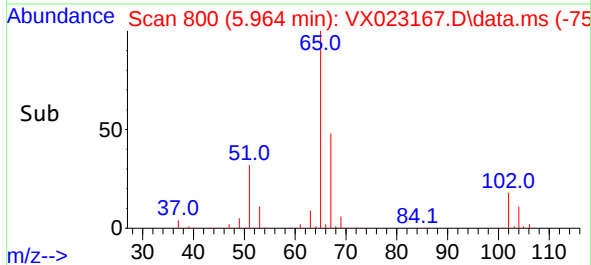
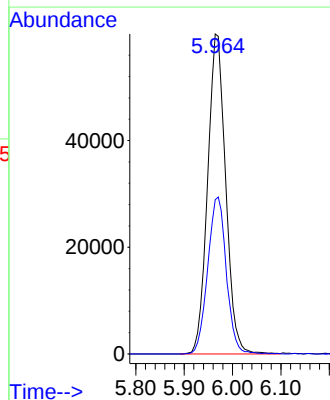
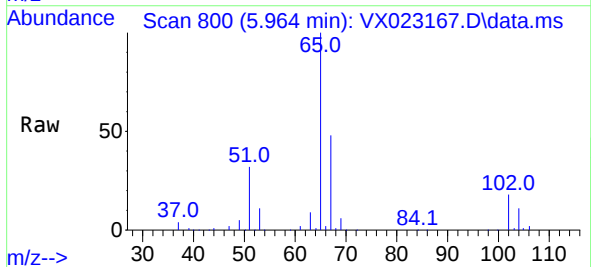
Instrument :
MSVOA_X
ClientSampled :
EB-02-070221

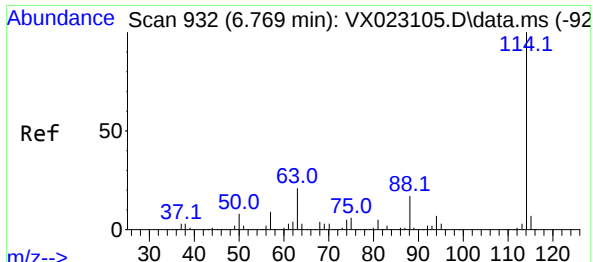
Tgt Ion: 42 Resp: 2802
Ion Ratio Lower Upper
42 100
72 41.5 41.7 62.5#
71 40.6 38.4 57.6



#33
1,2-Dichloroethane-d4
Concen: 51.703 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023167.D
Acq: 07 Jul 2021 13:06

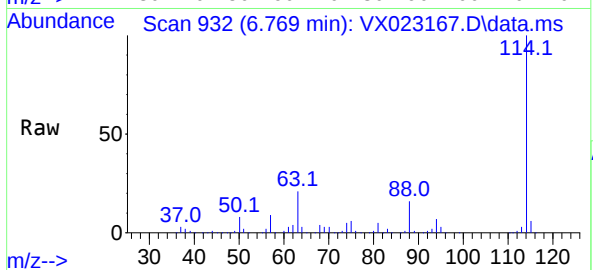
Tgt Ion: 65 Resp: 155408
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.4



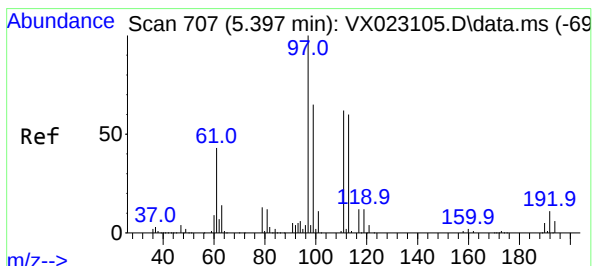
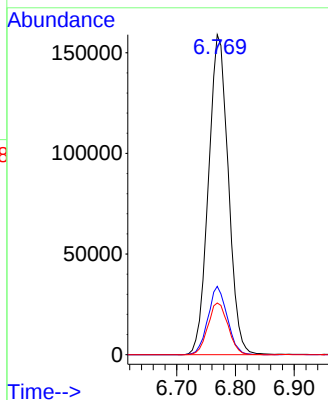
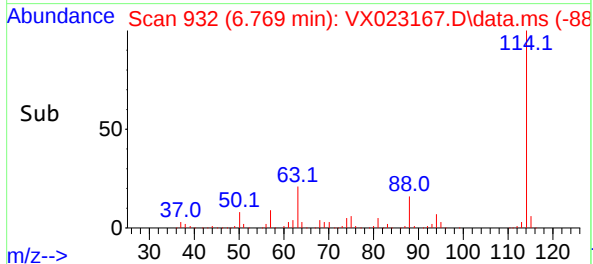


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023167.D
Acq: 07 Jul 2021 13:06

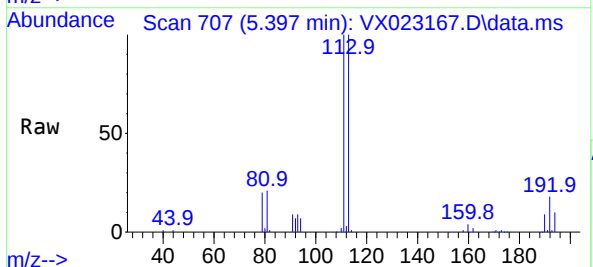
Instrument :
MSVOA_X
ClientSampled :
EB-02-070221



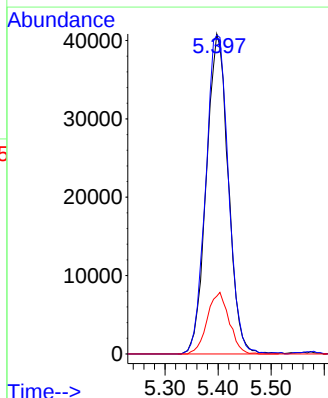
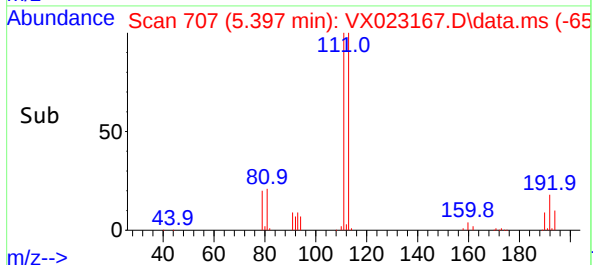
Tgt Ion:114 Resp: 372784
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 16.1 0.0 32.8

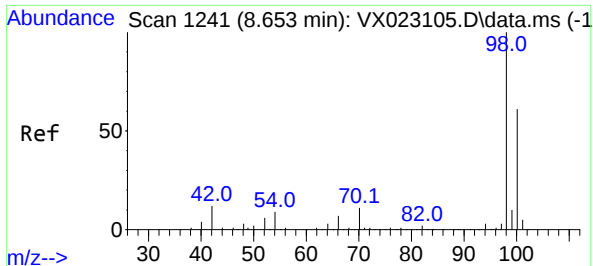


#35
Dibromofluoromethane
Concen: 48.602 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023167.D
Acq: 07 Jul 2021 13:06



Tgt Ion:113 Resp: 116999
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 19.3 16.7 25.1

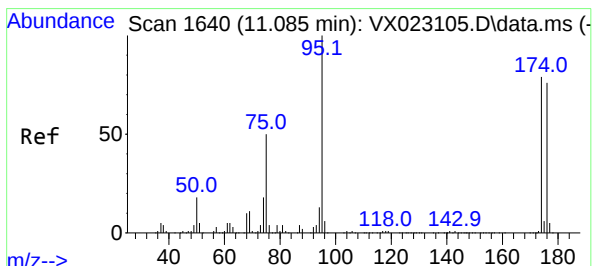
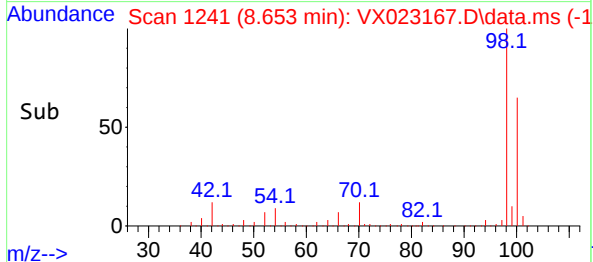
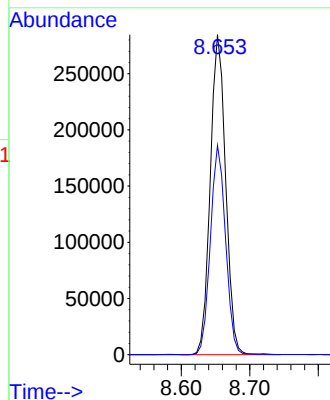
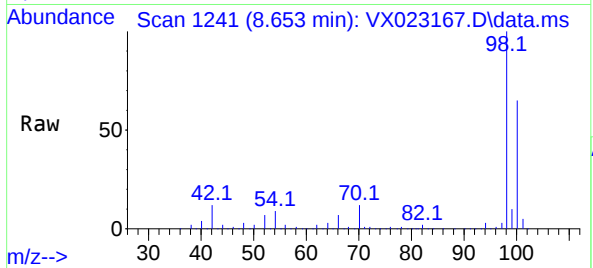




#50
Toluene-d8
Concen: 49.403 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023167.D
Acq: 07 Jul 2021 13:06

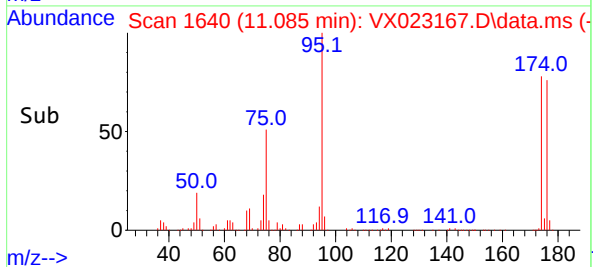
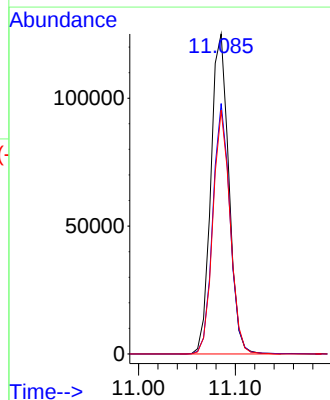
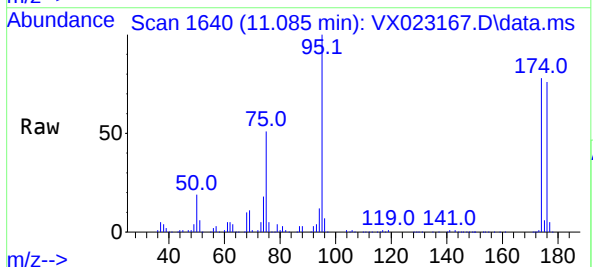
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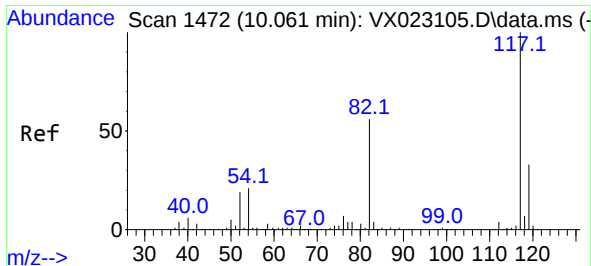
Tgt Ion: 98 Resp: 443624
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.602 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023167.D
Acq: 07 Jul 2021 13:06

Tgt Ion: 95 Resp: 161555
Ion Ratio Lower Upper
95 100
174 74.7 0.0 154.6
176 73.1 0.0 155.8

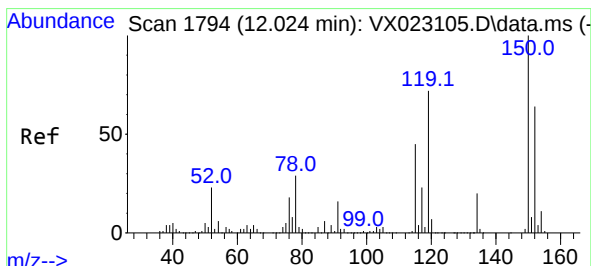
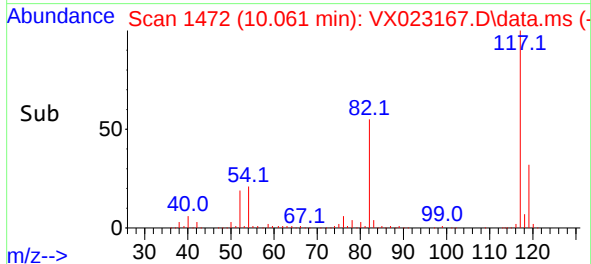
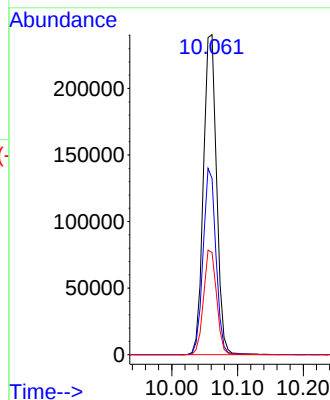
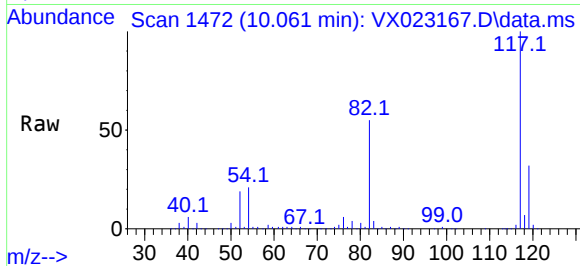




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023167.D
Acq: 07 Jul 2021 13:06

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 335366
Ion Ratio Lower Upper
117 100
82 55.1 47.4 71.2
119 31.9 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: VX023167.D
Acq: 07 Jul 2021 13:06

Tgt Ion:152 Resp: 142445
Ion Ratio Lower Upper
152 100
115 61.6 41.1 123.3
150 157.8 0.0 349.0

