

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031623\
 Data File : VX034568.D
 Acq On : 17 Mar 2023 06:48
 Operator : JC/MD
 Sample : 01907-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33957

Quant Time: Mar 17 07:55:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

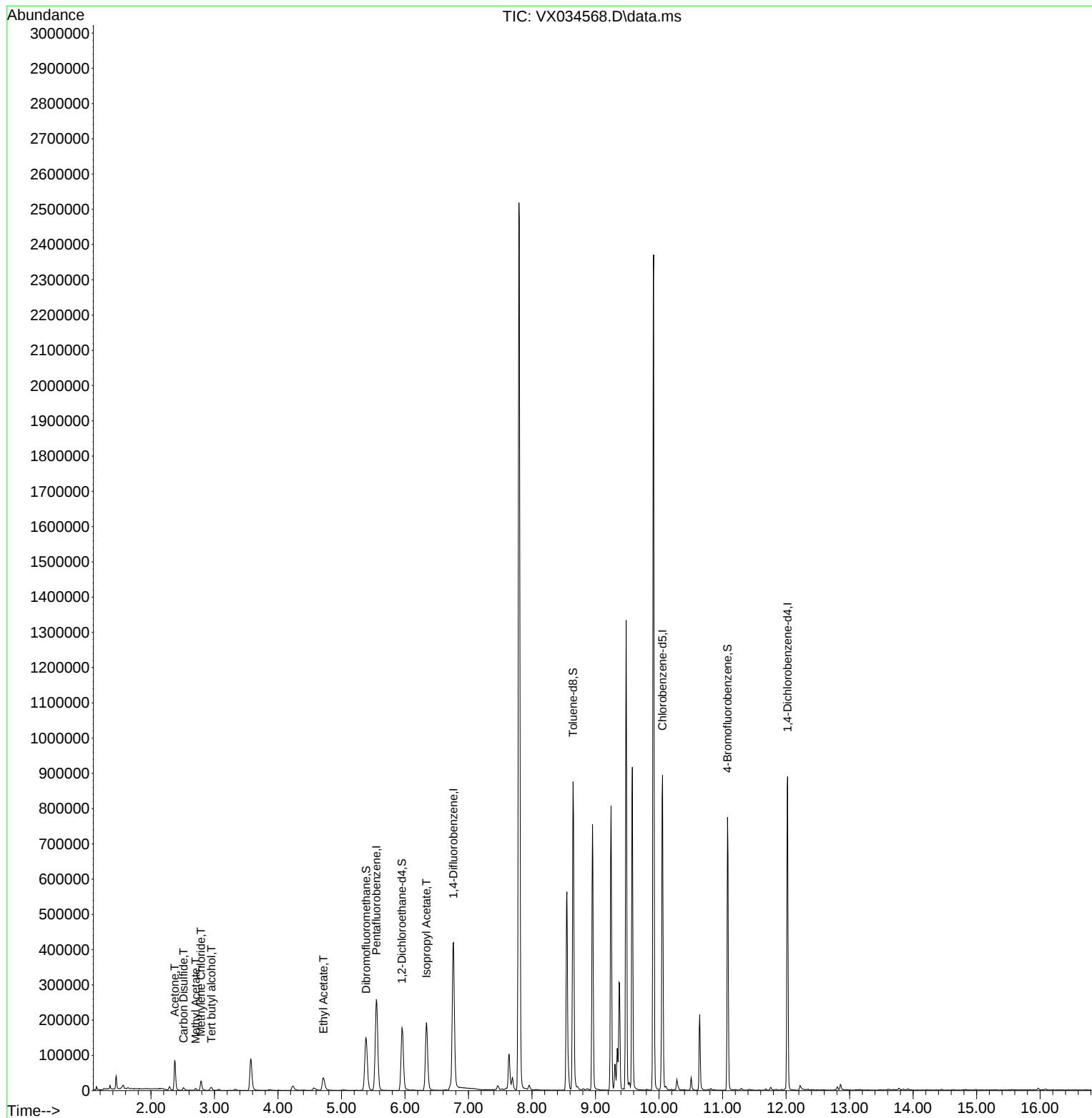
Internal Standards						
1) Pentafluorobenzene	5.550	168	237675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	412392	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	376031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	168907	48.850	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	97.700%	
35) Dibromofluoromethane	5.385	113	129972	47.735	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.460%	
50) Toluene-d8	8.647	98	504392	49.623	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	99.240%	
62) 4-Bromofluorobenzene	11.079	95	198128	48.257	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	96.520%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	6734	9.352	ug/l #	91
16) Acetone	2.373	43	89638	55.035	ug/l	98
17) Carbon Disulfide	2.514	76	7789	1.064	ug/l	96
18) Methyl Acetate	2.703	43	6545	1.230	ug/l	100
20) Methylene Chloride	2.788	84	11651	3.686	ug/l	95
37) Ethyl Acetate	4.714	43	65498	14.336	ug/l	98
43) Isopropyl Acetate	6.336	43	267588	34.573	ug/l	99

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

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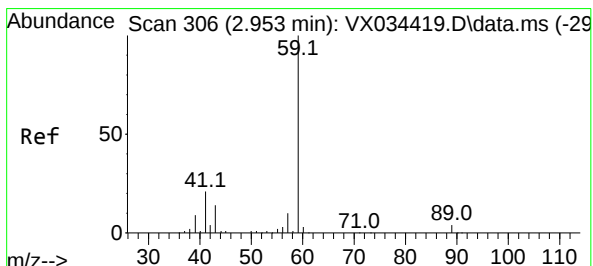
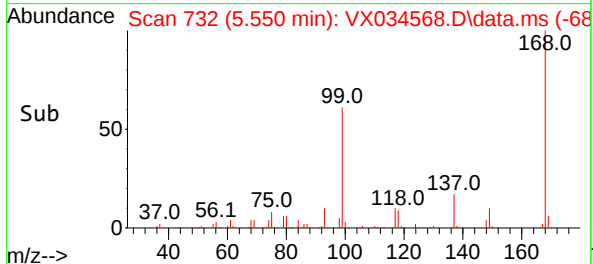
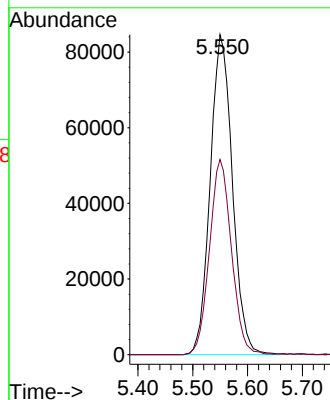
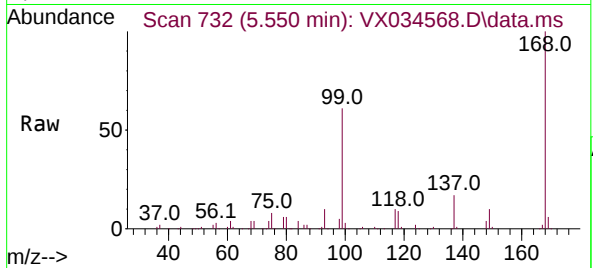




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034568.D
Acq: 17 Mar 2023 06:48

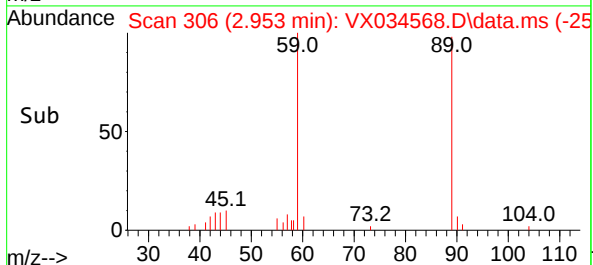
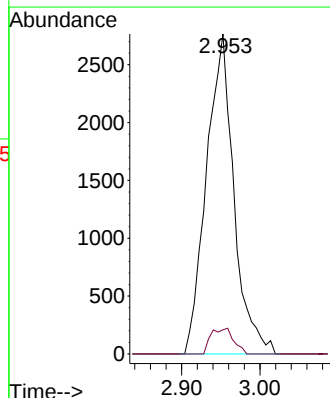
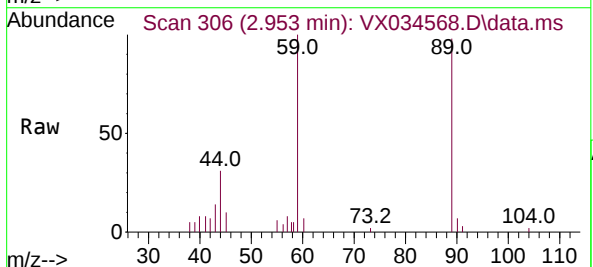
Instrument :
MSVOA_X
ClientSampleId :
33957

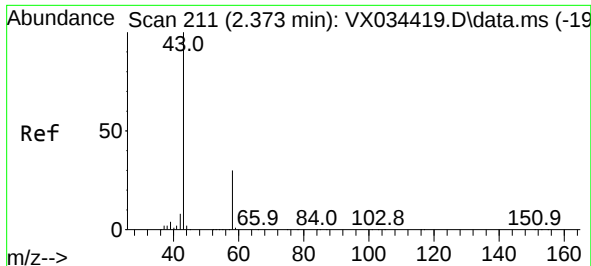
Tgt Ion:168 Resp: 237675
Ion Ratio Lower Upper
168 100
99 61.0 45.7 68.5



#11
Tert butyl alcohol
Concen: 9.352 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.000 min
Lab File: VX034568.D
Acq: 17 Mar 2023 06:48

Tgt Ion: 59 Resp: 6734
Ion Ratio Lower Upper
59 100
57 6.6 8.1 12.1#

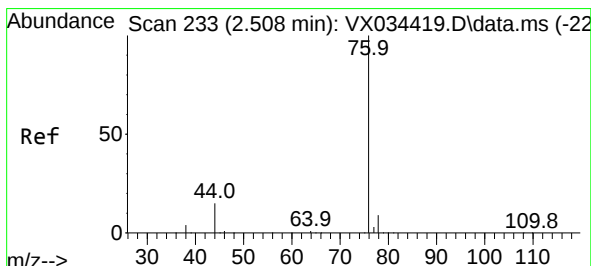
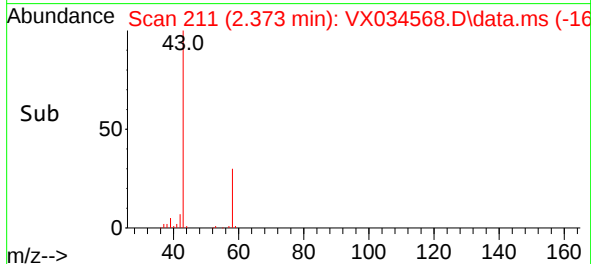
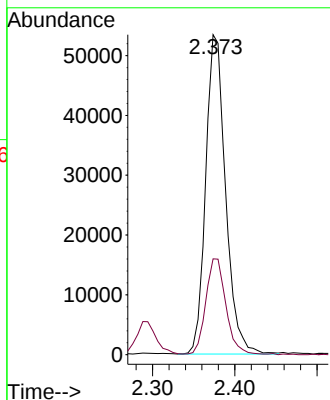
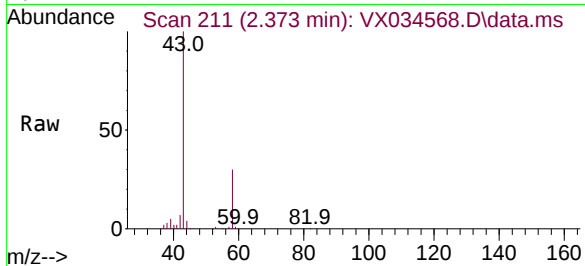




#16
Acetone
Concen: 55.035 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034568.D
Acq: 17 Mar 2023 06:48

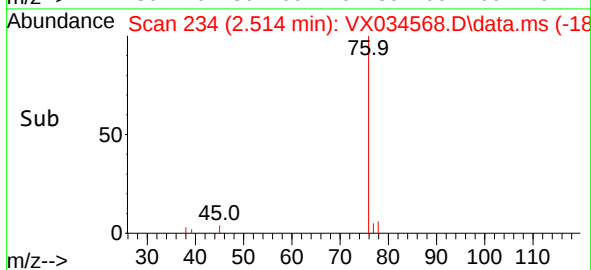
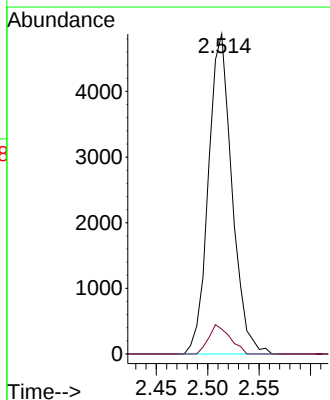
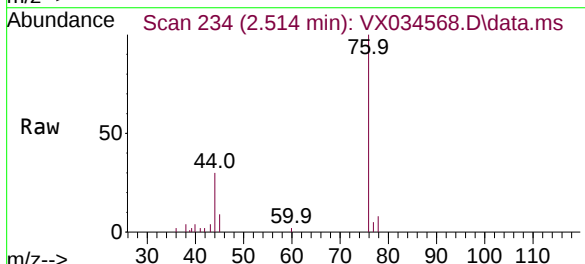
Instrument :
MSVOA_X
ClientSampleId :
33957

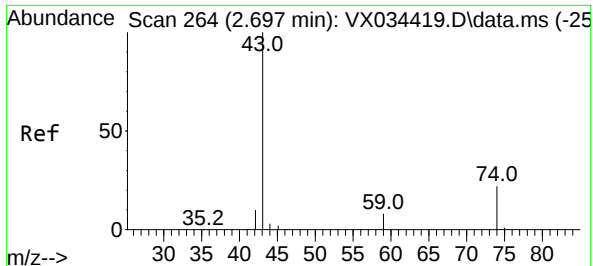
Tgt Ion: 43 Resp: 89638
Ion Ratio Lower Upper
43 100
58 30.0 24.7 37.1



#17
Carbon Disulfide
Concen: 1.064 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX034568.D
Acq: 17 Mar 2023 06:48

Tgt Ion: 76 Resp: 7789
Ion Ratio Lower Upper
76 100
78 7.7 7.2 10.8

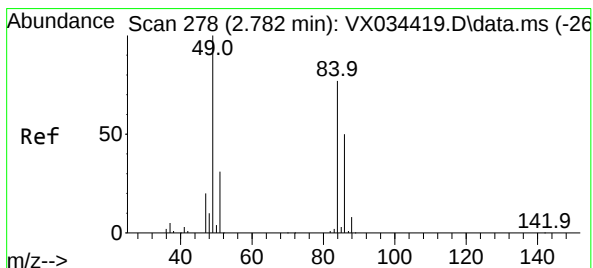
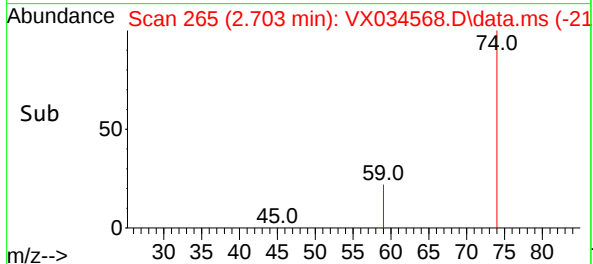
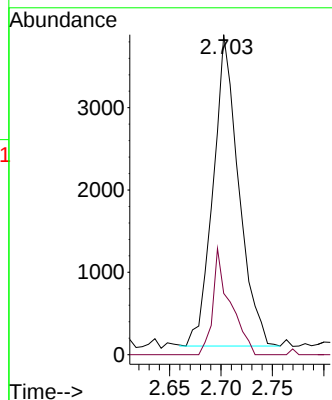
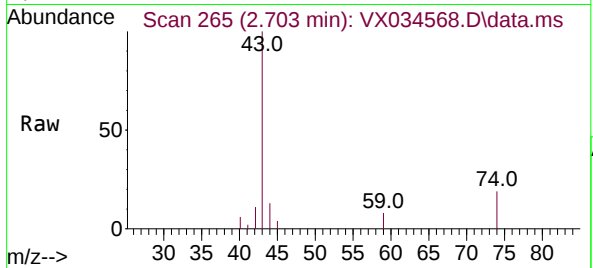




#18
Methyl Acetate
Concen: 1.230 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX034568.D
Acq: 17 Mar 2023 06:48

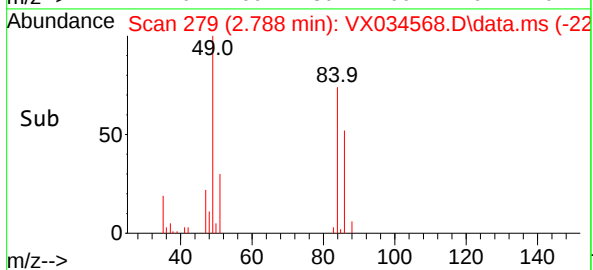
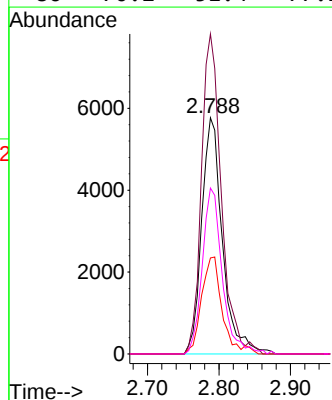
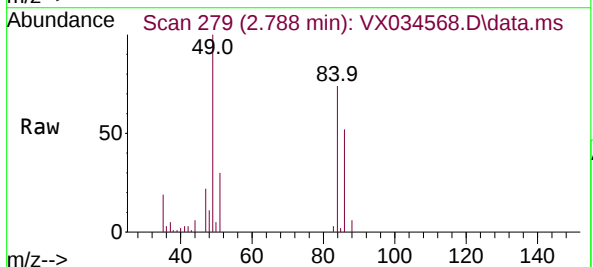
Instrument :
MSVOA_X
ClientSampleId :
33957

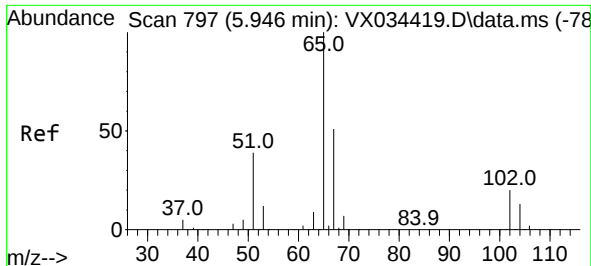
Tgt Ion: 43 Resp: 6545
Ion Ratio Lower Upper
43 100
74 23.0 18.3 27.5



#20
Methylene Chloride
Concen: 3.686 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034568.D
Acq: 17 Mar 2023 06:48

Tgt Ion: 84 Resp: 11651
Ion Ratio Lower Upper
84 100
49 135.5 103.8 155.8
51 40.7 31.8 47.8
86 70.2 51.4 77.2

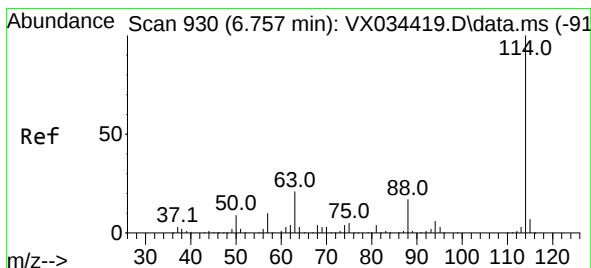
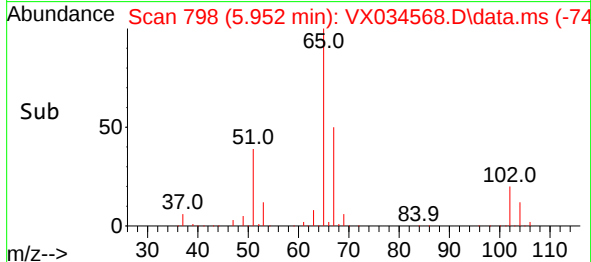
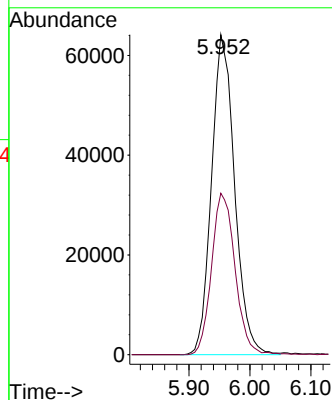
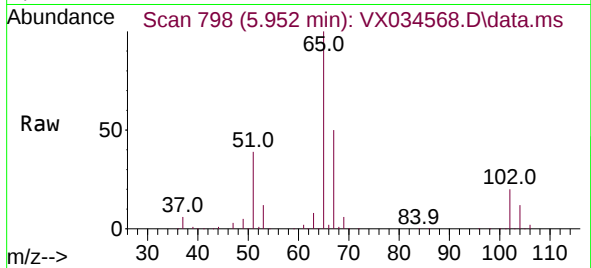




#33
 1,2-Dichloroethane-d4
 Concen: 48.850 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX034568.D
 Acq: 17 Mar 2023 06:48

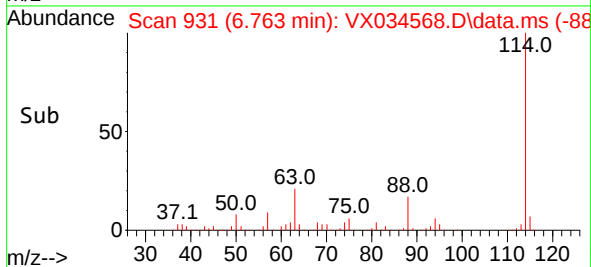
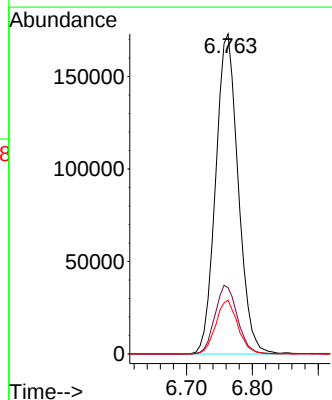
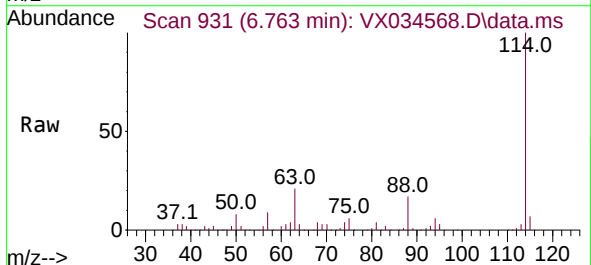
Instrument :
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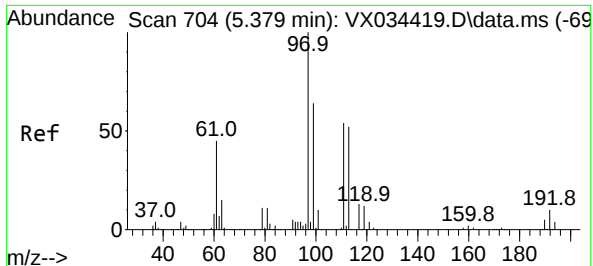
Tgt Ion: 65 Resp: 168907
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX034568.D
 Acq: 17 Mar 2023 06:48

Tgt Ion: 114 Resp: 412392
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.2
 88 16.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.735 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034568.D

Acq: 17 Mar 2023 06:48

Instrument :

MSVOA_X

ClientSampleId :

33957

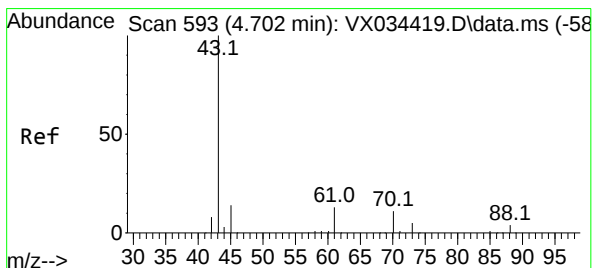
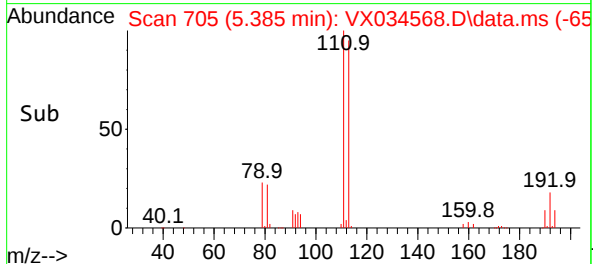
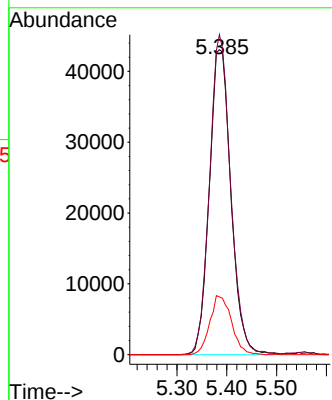
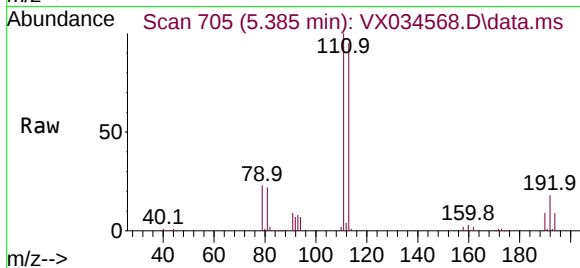
Tgt Ion:113 Resp: 129972

Ion Ratio Lower Upper

113 100

111 102.3 83.7 125.5

192 19.3 15.4 23.2



#37

Ethyl Acetate

Concen: 14.336 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.012 min

Lab File: VX034568.D

Acq: 17 Mar 2023 06:48

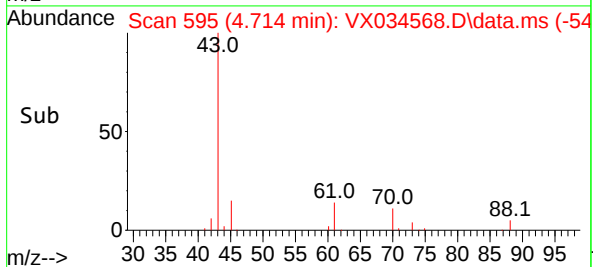
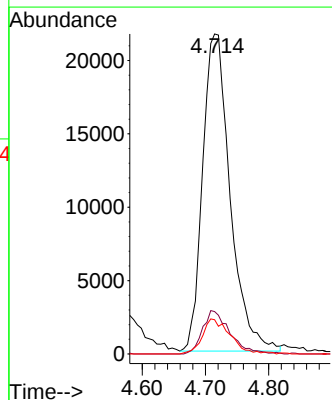
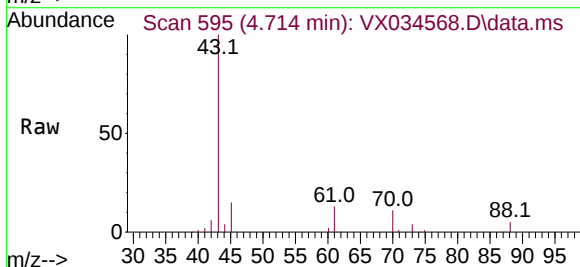
Tgt Ion: 43 Resp: 65498

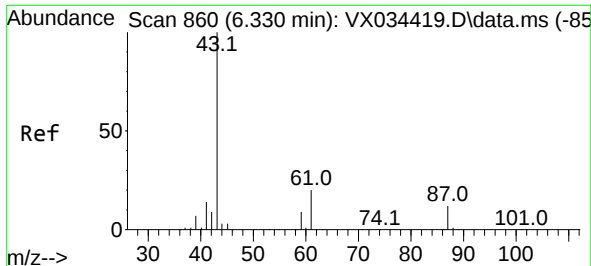
Ion Ratio Lower Upper

43 100

61 13.5 10.2 15.4

70 11.0 8.2 12.4

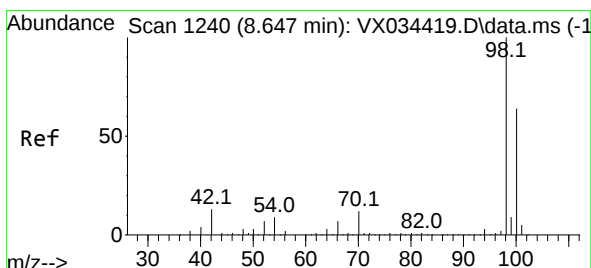
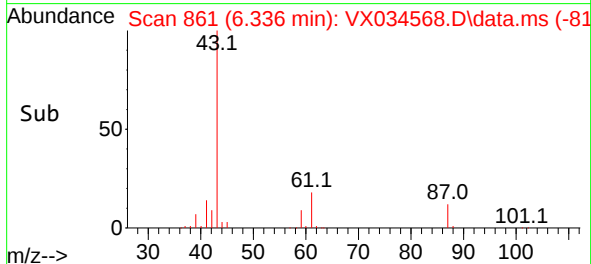
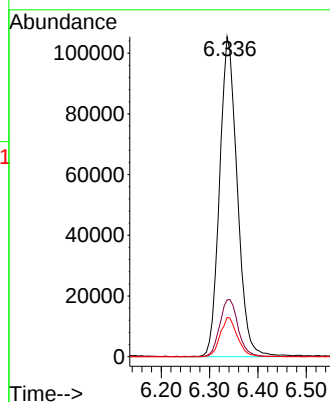
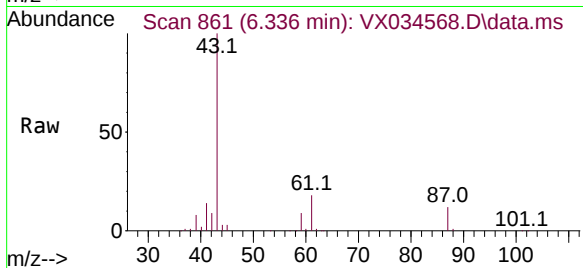




#43
Isopropyl Acetate
Concen: 34.573 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX034568.D
Acq: 17 Mar 2023 06:48

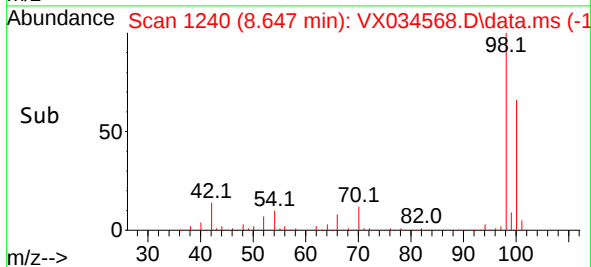
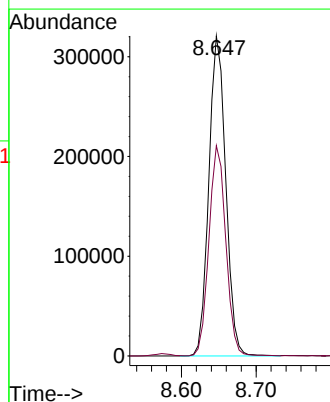
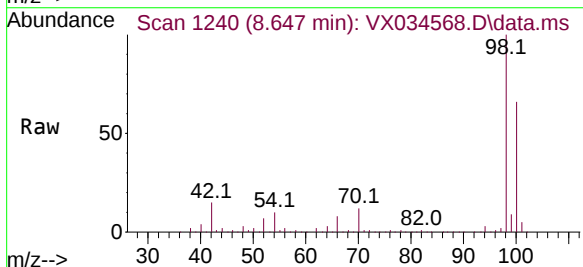
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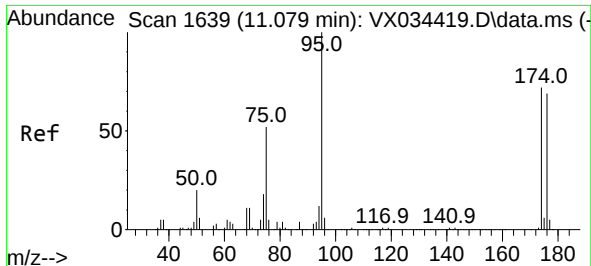
Tgt Ion: 43 Resp: 267588
Ion Ratio Lower Upper
43 100
61 18.6 15.2 22.8
87 12.0 9.8 14.8



#50
Toluene-d8
Concen: 49.623 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034568.D
Acq: 17 Mar 2023 06:48

Tgt Ion: 98 Resp: 504392
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

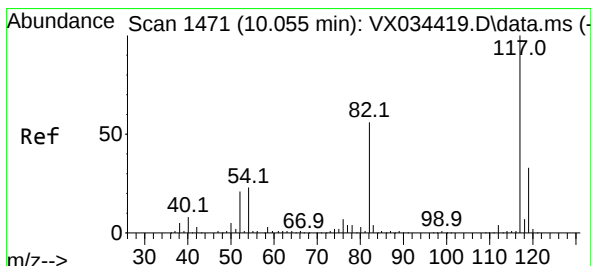
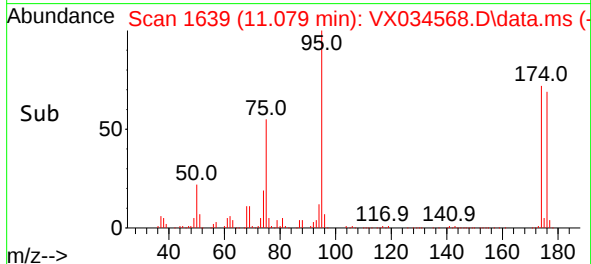
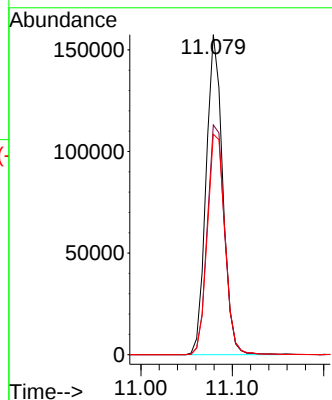
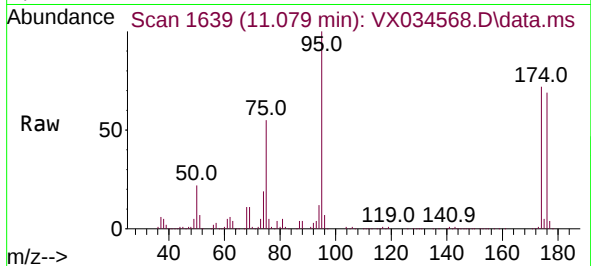




#62
4-Bromofluorobenzene
Concen: 48.257 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034568.D
Acq: 17 Mar 2023 06:48

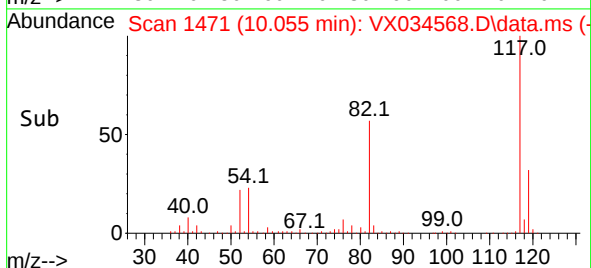
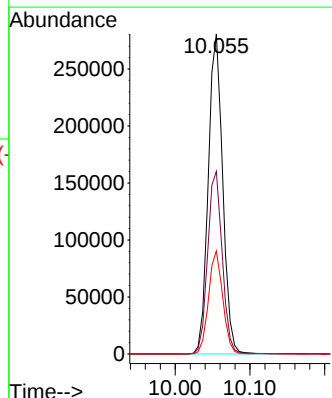
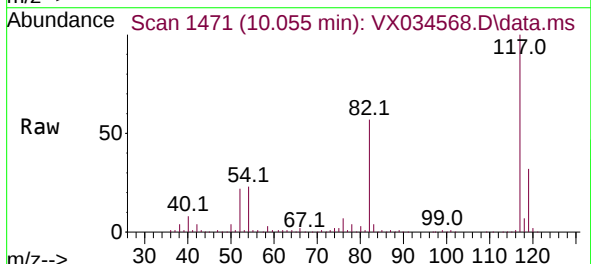
Instrument :
MSVOA_X
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33957

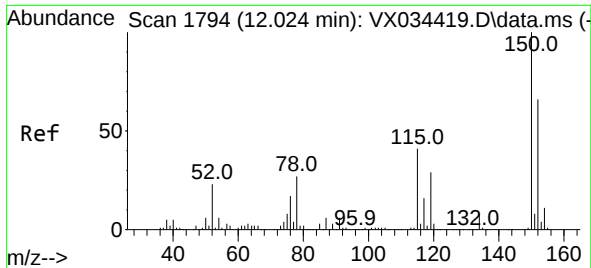
Tgt Ion: 95 Resp: 198128
Ion Ratio Lower Upper
95 100
174 75.0 0.0 147.4
176 73.4 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034568.D
Acq: 17 Mar 2023 06:48

Tgt Ion: 117 Resp: 376031
Ion Ratio Lower Upper
117 100
82 57.0 45.0 67.4
119 32.2 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034568.D

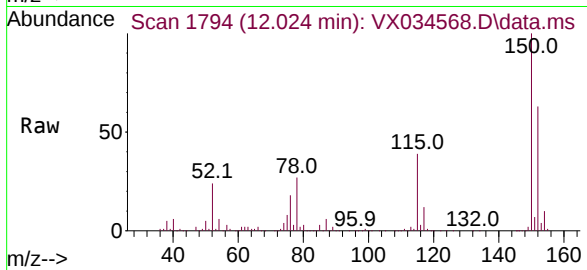
Acq: 17 Mar 2023 06:48

Instrument :

MSVOA_X

ClientSampleId :

33957



Tgt Ion:152 Resp: 176578

Ion Ratio Lower Upper

152 100

115 64.2 45.0 135.0

150 157.0 0.0 352.4

