

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
 Data File : VX034596.D
 Acq On : 17 Mar 2023 19:53
 Operator : JC/MD
 Sample : 01928-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 031423-1

Quant Time: Mar 20 00:08:17 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)

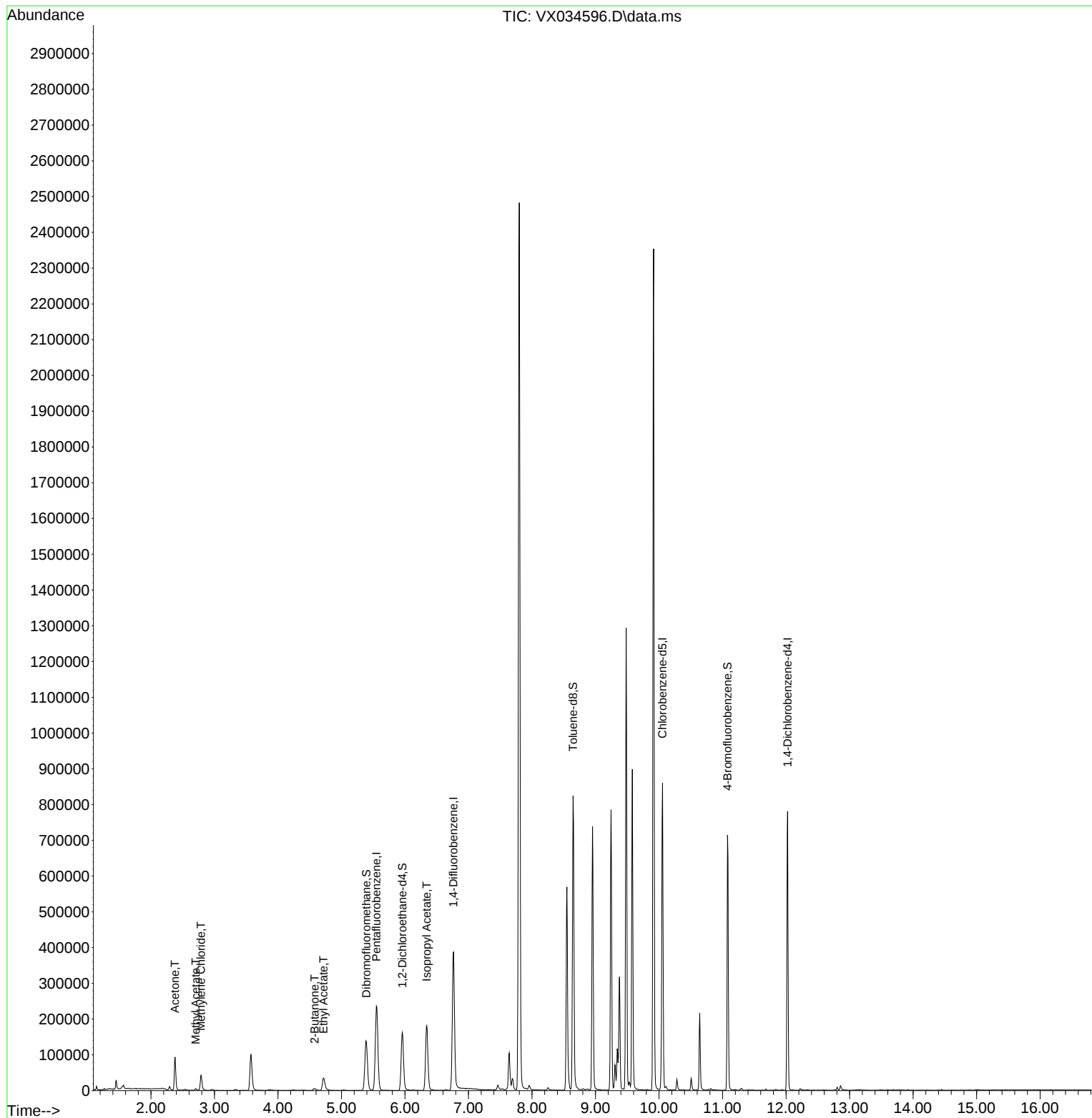
Internal Standards						
1) Pentafluorobenzene	5.550	168	220567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	379381	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	354746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155380	48.423	ug/l	0.01
Spiked Amount	50.000	Range 78 - 117	Recovery	=	96.840%	
35) Dibromofluoromethane	5.391	113	120578	48.138	ug/l	0.01
Spiked Amount	50.000	Range 75 - 124	Recovery	=	96.280%	
50) Toluene-d8	8.647	98	471558	50.430	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	100.860%	
62) 4-Bromofluorobenzene	11.079	95	187401	49.616	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	99.240%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	94182	62.310	ug/l	100
18) Methyl Acetate	2.703	43	5598	1.133	ug/l	98
20) Methylene Chloride	2.788	84	19256	6.564	ug/l	97
25) 2-Butanone	4.574	43	10956	5.066	ug/l #	83
37) Ethyl Acetate	4.715	43	62593	14.892	ug/l	99
43) Isopropyl Acetate	6.342	43	259180	36.400	ug/l	99

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

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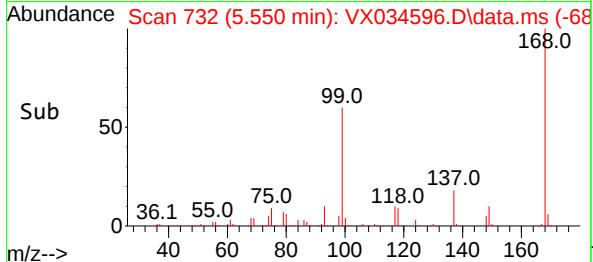
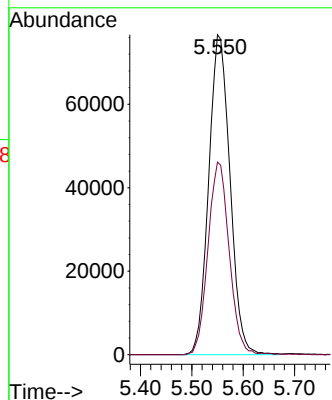
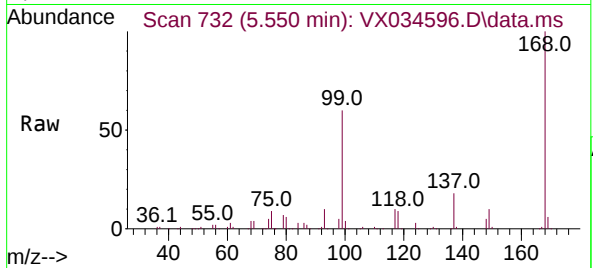




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034596.D
Acq: 17 Mar 2023 19:53

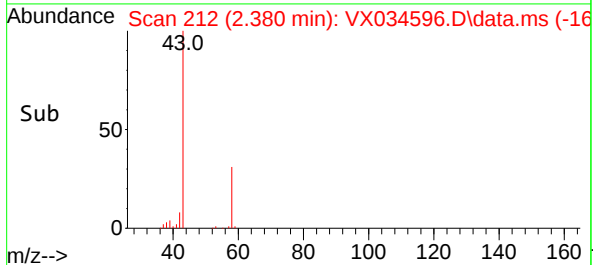
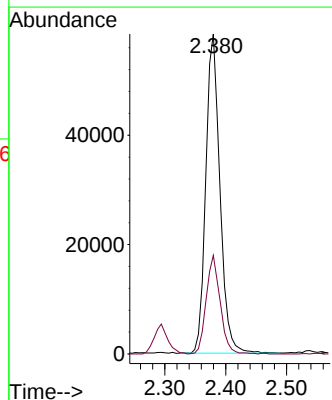
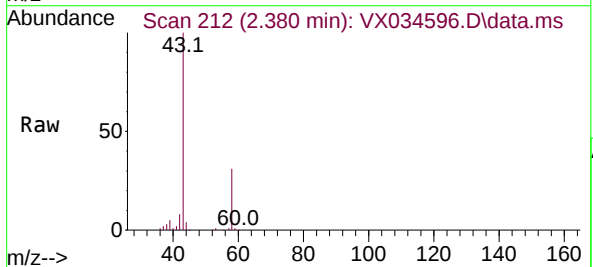
Instrument :
MSVOA_X
ClientSampleId :
031423-1

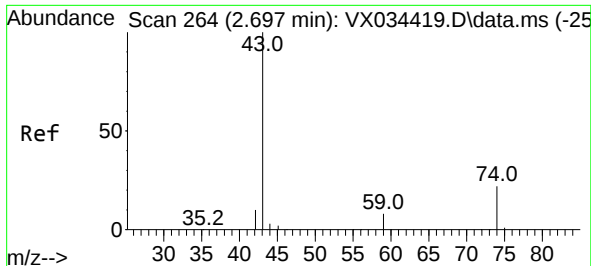
Tgt Ion:168 Resp: 220567
Ion Ratio Lower Upper
168 100
99 60.2 45.7 68.5



#16
Acetone
Concen: 62.310 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034596.D
Acq: 17 Mar 2023 19:53

Tgt Ion: 43 Resp: 94182
Ion Ratio Lower Upper
43 100
58 30.9 24.7 37.1

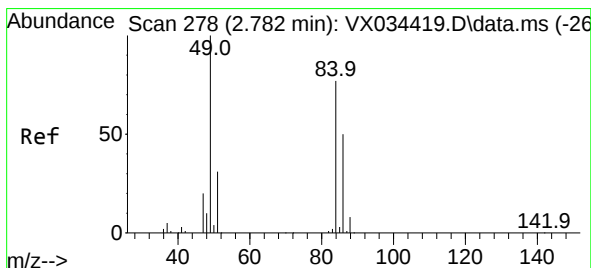
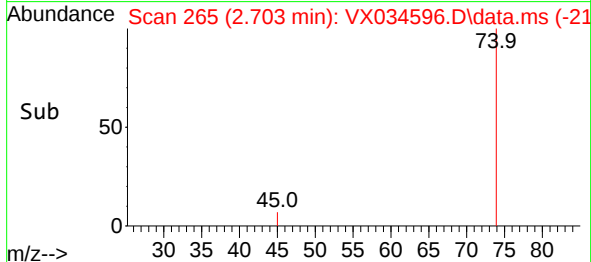
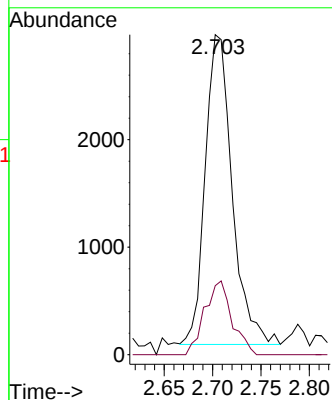
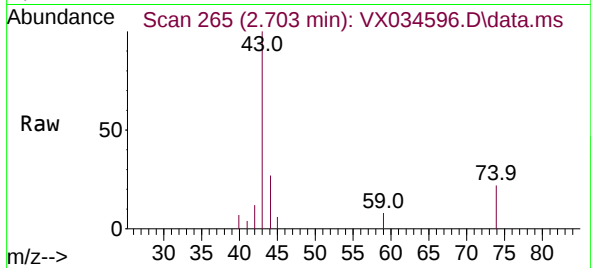




#18
Methyl Acetate
Concen: 1.133 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX034596.D
Acq: 17 Mar 2023 19:53

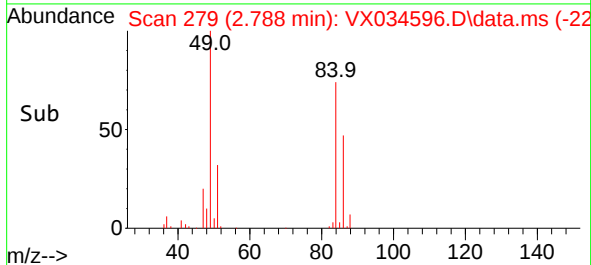
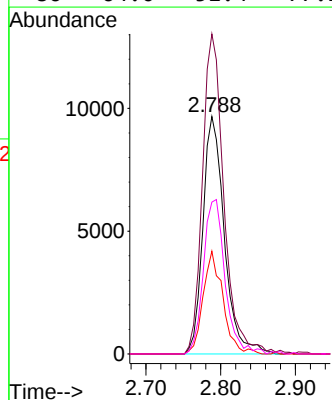
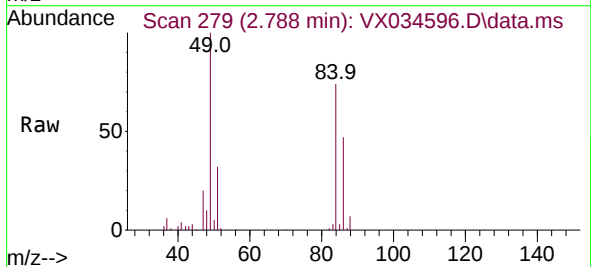
Instrument :
MSVOA_X
ClientSampleId :
031423-1

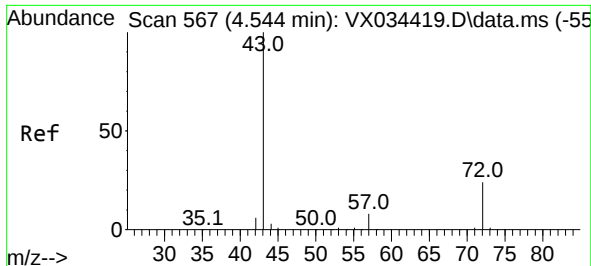
Tgt Ion: 43 Resp: 5598
Ion Ratio Lower Upper
43 100
74 23.9 18.3 27.5



#20
Methylene Chloride
Concen: 6.564 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034596.D
Acq: 17 Mar 2023 19:53

Tgt Ion: 84 Resp: 19256
Ion Ratio Lower Upper
84 100
49 134.8 103.8 155.8
51 43.2 31.8 47.8
86 64.0 51.4 77.2

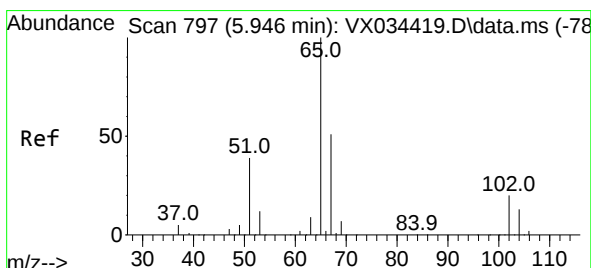
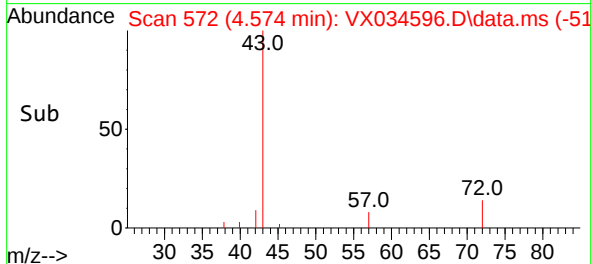
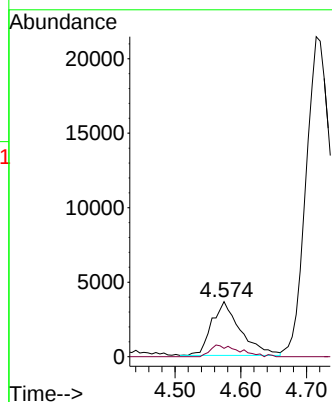
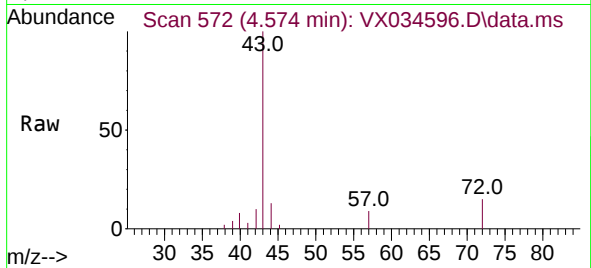




#25
2-Butanone
Concen: 5.066 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX034596.D
Acq: 17 Mar 2023 19:53

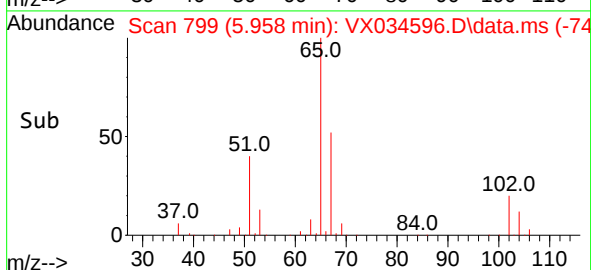
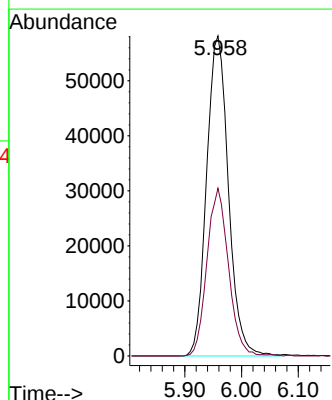
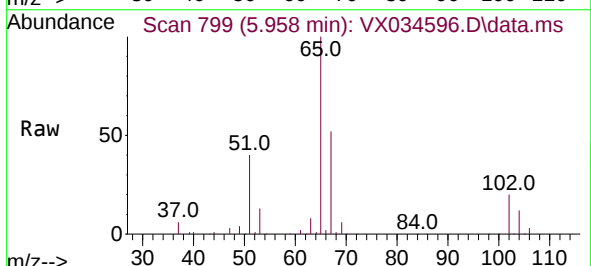
Instrument :
MSVOA_X
ClientSampleId :
031423-1

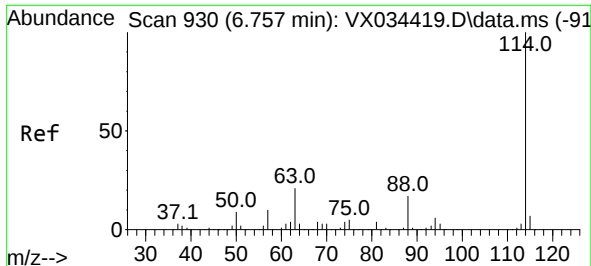
Tgt Ion: 43 Resp: 10956
Ion Ratio Lower Upper
43 100
72 15.6 19.3 28.9#



#33
1,2-Dichloroethane-d4
Concen: 48.423 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034596.D
Acq: 17 Mar 2023 19:53

Tgt Ion: 65 Resp: 155380
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.0

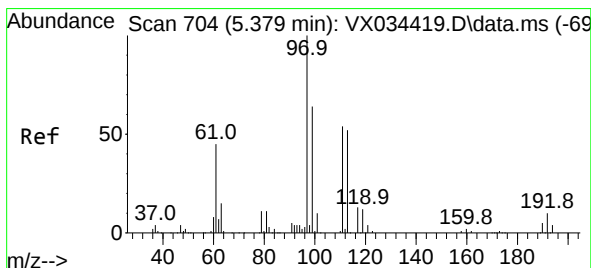
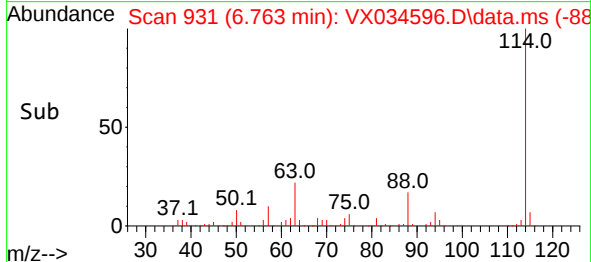
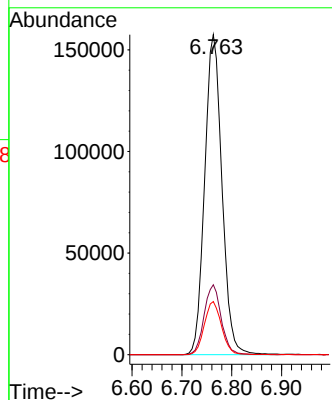
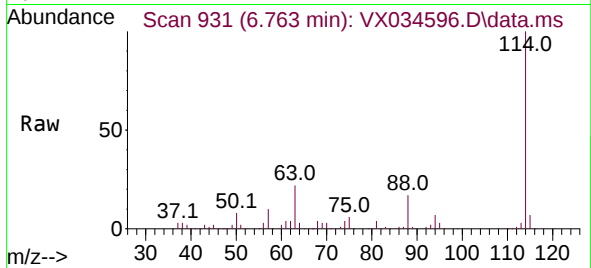




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034596.D
Acq: 17 Mar 2023 19:53

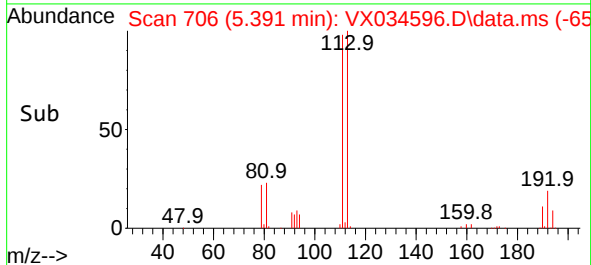
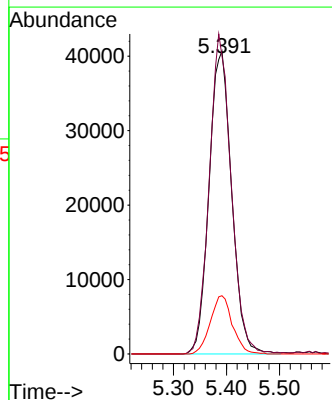
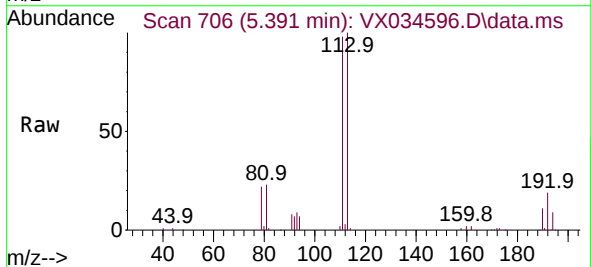
Instrument :
MSVOA_X
ClientSampleId :
031423-1

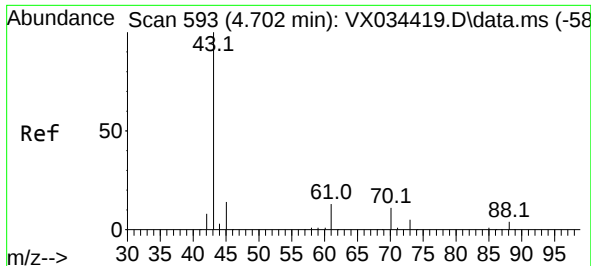
Tgt Ion:114 Resp: 379381
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.2
88 16.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.138 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX034596.D
Acq: 17 Mar 2023 19:53

Tgt Ion:113 Resp: 120578
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 18.8 15.4 23.2





#37

Ethyl Acetate

Concen: 14.892 ug/l

RT: 4.715 min Scan# 593

Delta R.T. 0.012 min

Lab File: VX034596.D

Acq: 17 Mar 2023 19:53

Instrument :

MSVOA_X

ClientSampleId :

031423-1

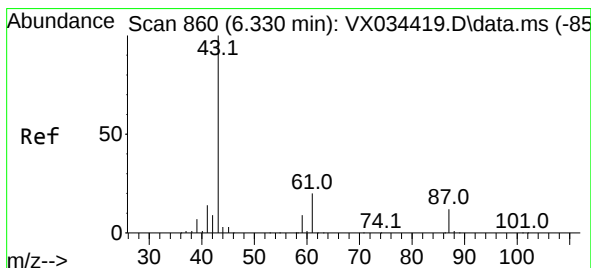
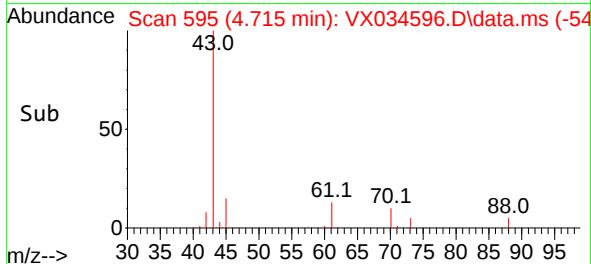
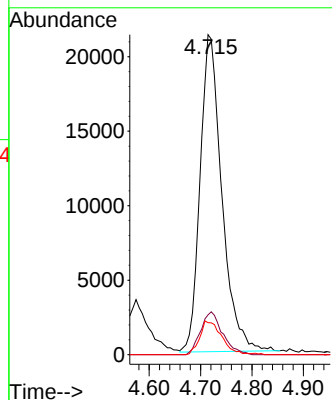
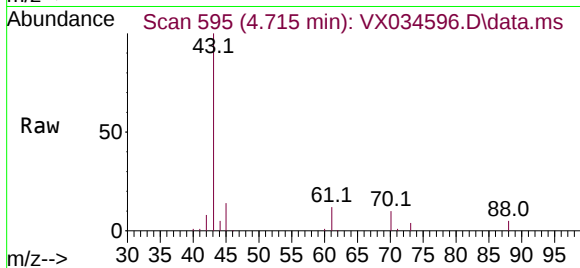
Tgt Ion: 43 Resp: 62593

Ion Ratio Lower Upper

43 100

61 13.6 10.2 15.4

70 10.6 8.2 12.4



#43

Isopropyl Acetate

Concen: 36.400 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.012 min

Lab File: VX034596.D

Acq: 17 Mar 2023 19:53

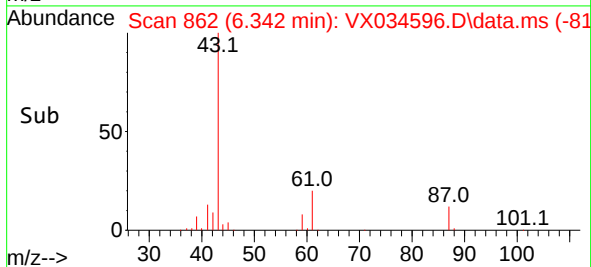
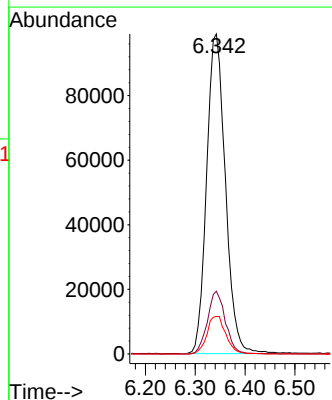
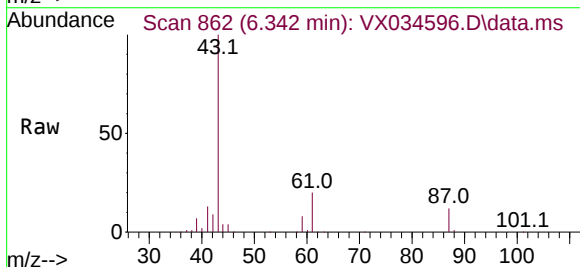
Tgt Ion: 43 Resp: 259180

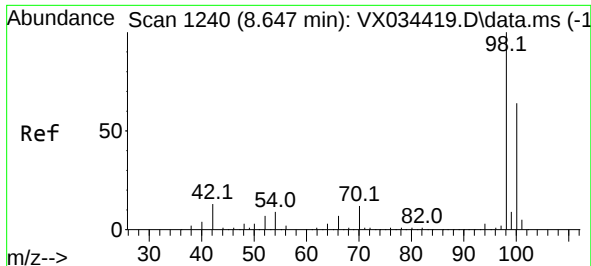
Ion Ratio Lower Upper

43 100

61 18.8 15.2 22.8

87 11.8 9.8 14.8

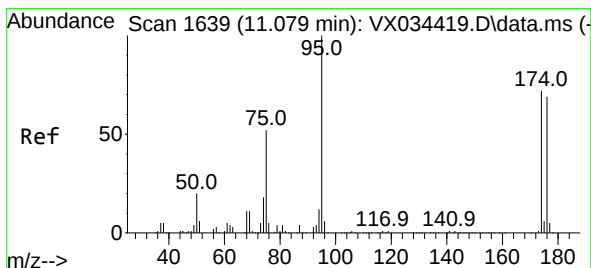
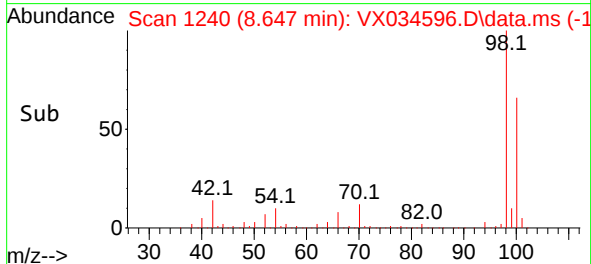
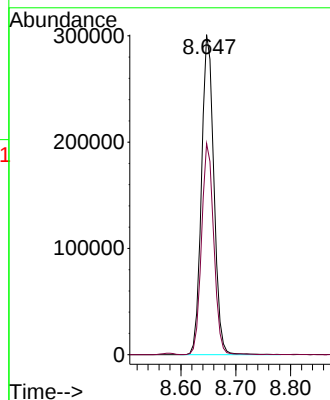
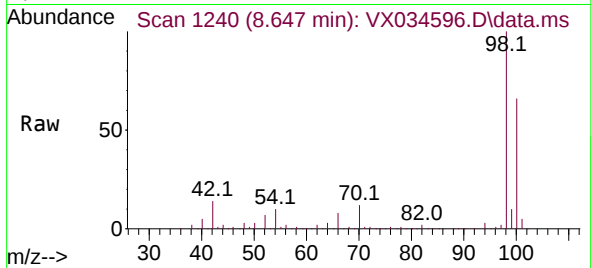




#50
Toluene-d8
Concen: 50.430 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034596.D
Acq: 17 Mar 2023 19:53

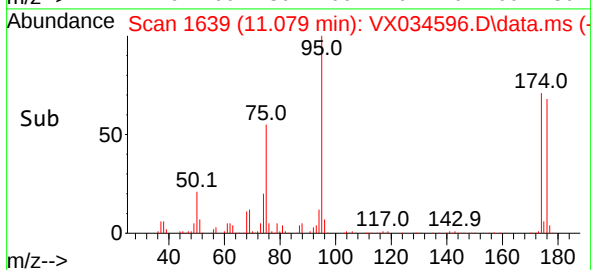
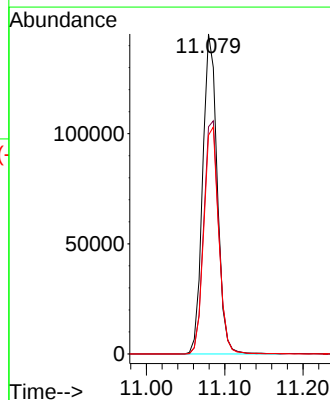
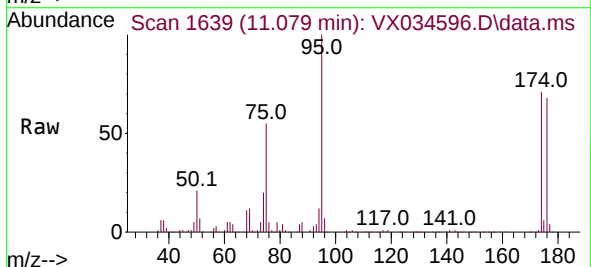
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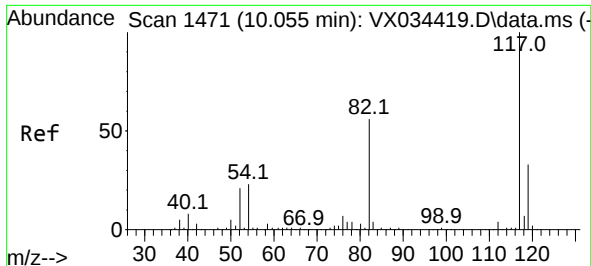
Tgt Ion: 98 Resp: 471558
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 49.616 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034596.D
Acq: 17 Mar 2023 19:53

Tgt Ion: 95 Resp: 187401
Ion Ratio Lower Upper
95 100
174 74.9 0.0 147.4
176 72.6 0.0 140.6

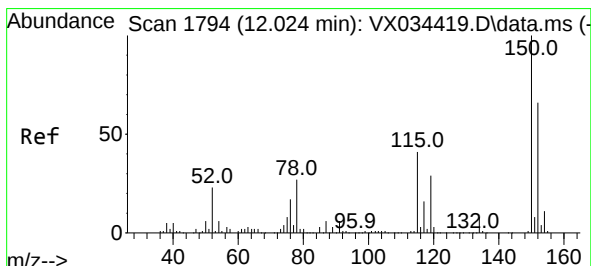
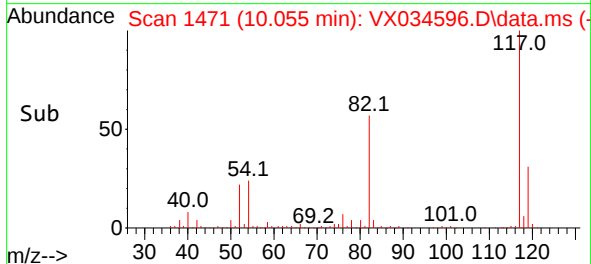
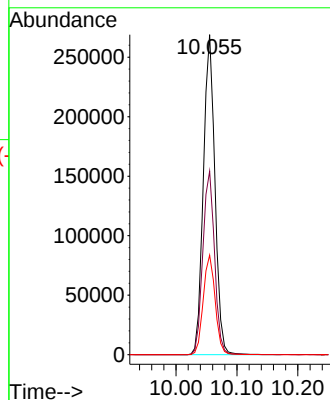
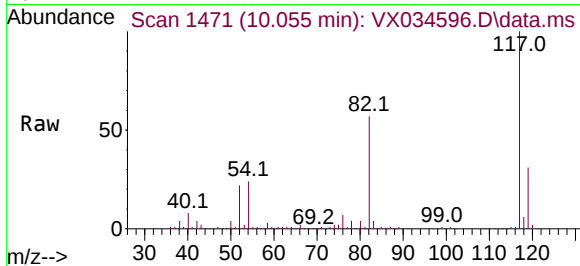




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034596.D
Acq: 17 Mar 2023 19:53

Instrument :
MSVOA_X
ClientSampleId :
031423-1

Tgt Ion:117 Resp: 354746
Ion Ratio Lower Upper
117 100
82 57.4 45.0 67.4
119 31.1 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034596.D
Acq: 17 Mar 2023 19:53

Tgt Ion:152 Resp: 155650
Ion Ratio Lower Upper
152 100
115 60.2 45.0 135.0
150 156.4 0.0 352.4

