

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
 Data File : VX034594.D
 Acq On : 17 Mar 2023 19:06
 Operator : JC/MD
 Sample : PB151466ZHE#15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB151466ZHE#15

Quant Time: Mar 20 00:07:15 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)

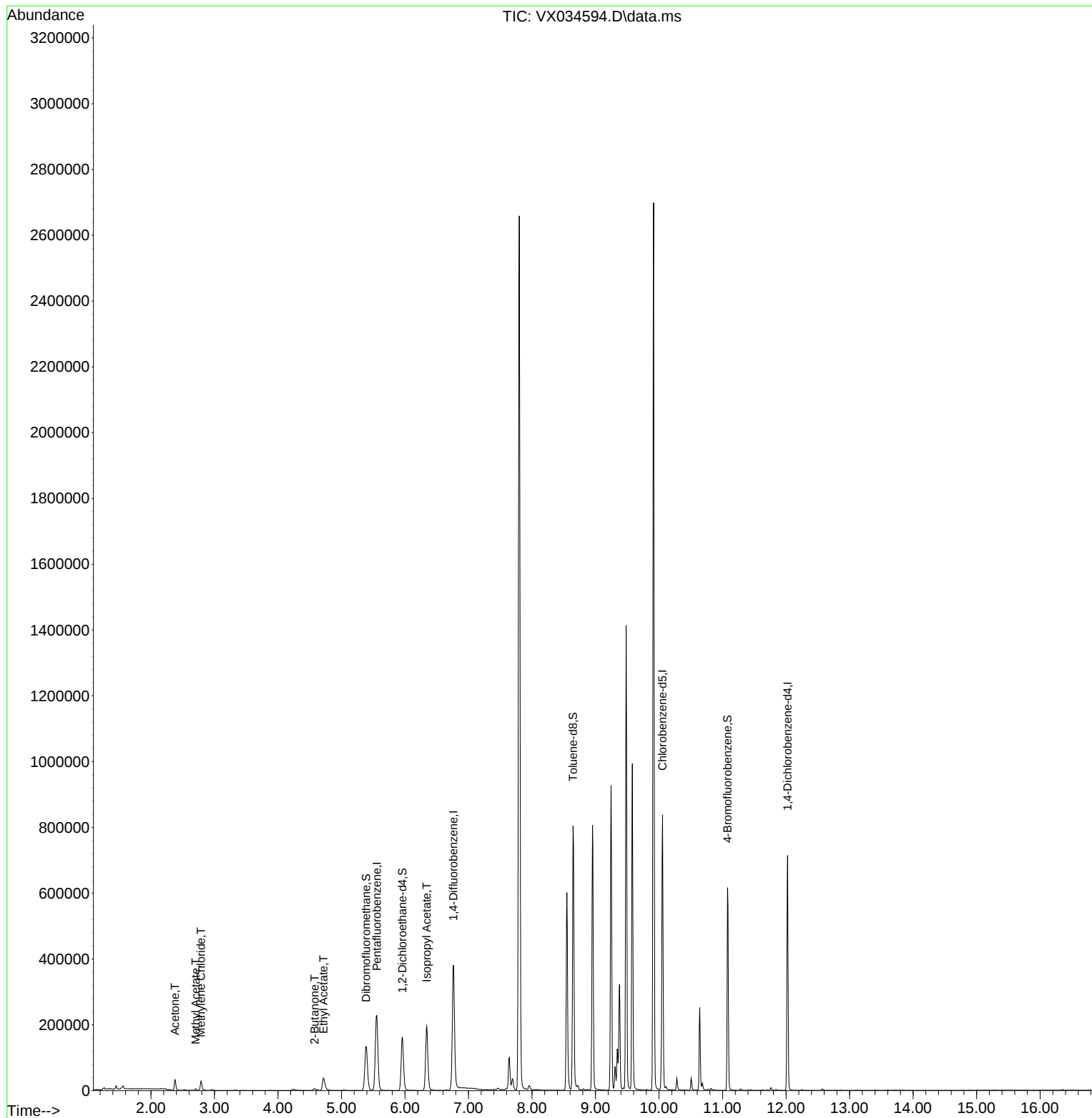
Internal Standards						
1) Pentafluorobenzene	5.556	168	218965	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	372011	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	337205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	151301	47.497	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.000%
35) Dibromofluoromethane	5.385	113	117258	47.740	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.480%
50) Toluene-d8	8.647	98	456624	49.800	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.600%
62) 4-Bromofluorobenzene	11.079	95	161292	43.550	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.100%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	34205	22.795	ug/l	96
18) Methyl Acetate	2.703	43	5759	1.175	ug/l	96
20) Methylene Chloride	2.788	84	11762	4.039	ug/l	92
25) 2-Butanone	4.574	43	11079	5.160	ug/l	92
37) Ethyl Acetate	4.715	43	67365	16.345	ug/l	98
43) Isopropyl Acetate	6.342	43	268843	38.505	ug/l	99

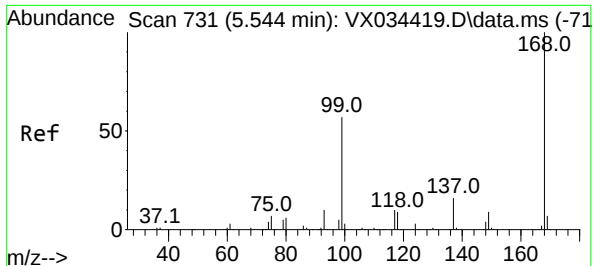
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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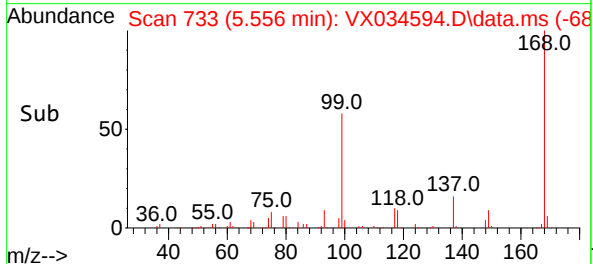
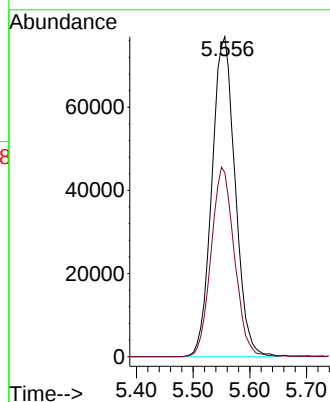
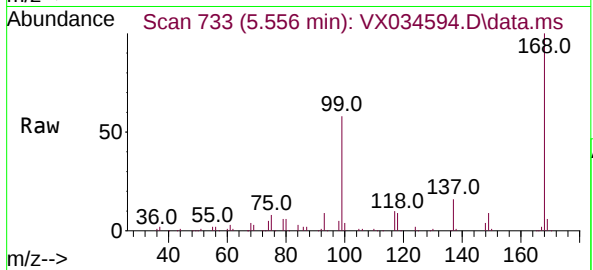




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034594.D
Acq: 17 Mar 2023 19:06

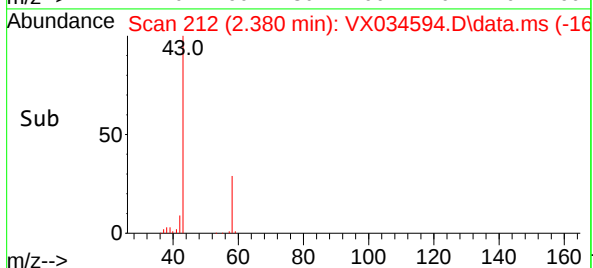
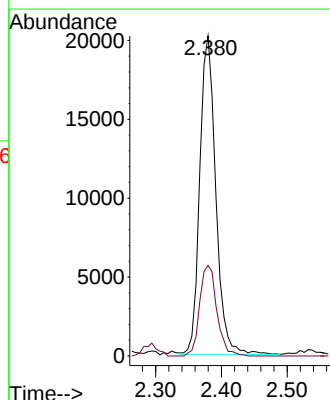
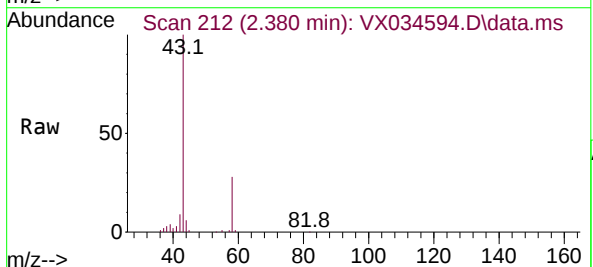
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#15

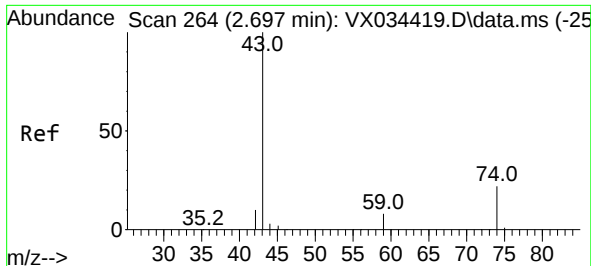
Tgt Ion:168 Resp: 218965
Ion Ratio Lower Upper
168 100
99 57.5 45.7 68.5



#16
Acetone
Concen: 22.795 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034594.D
Acq: 17 Mar 2023 19:06

Tgt Ion: 43 Resp: 34205
Ion Ratio Lower Upper
43 100
58 28.4 24.7 37.1

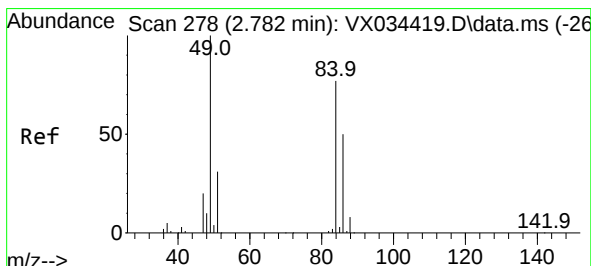
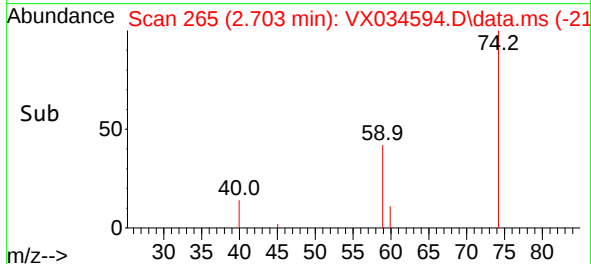
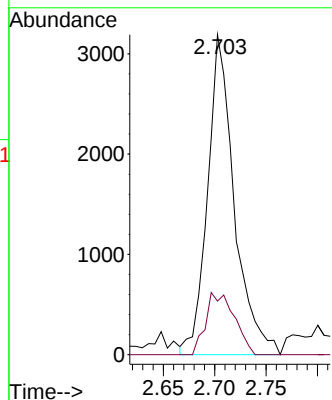
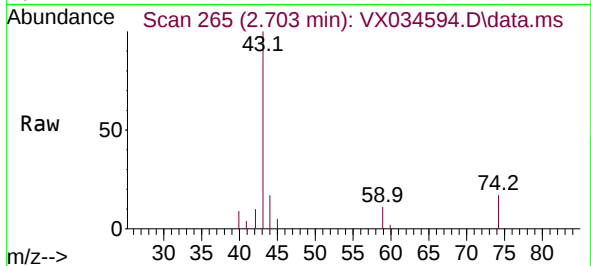




#18
Methyl Acetate
Concen: 1.175 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX034594.D
Acq: 17 Mar 2023 19:06

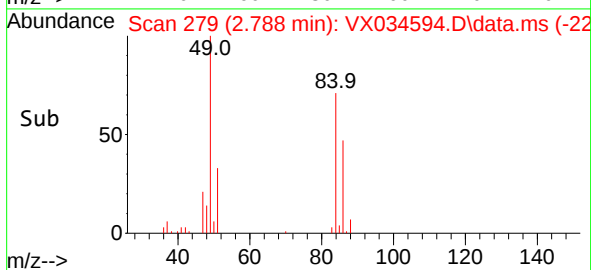
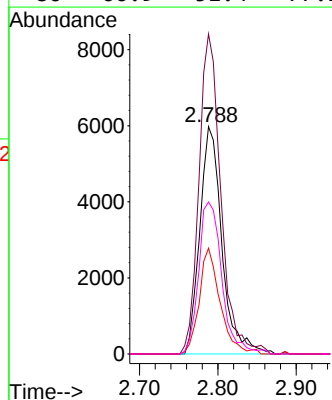
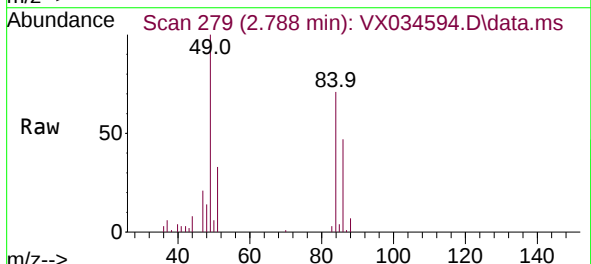
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#15

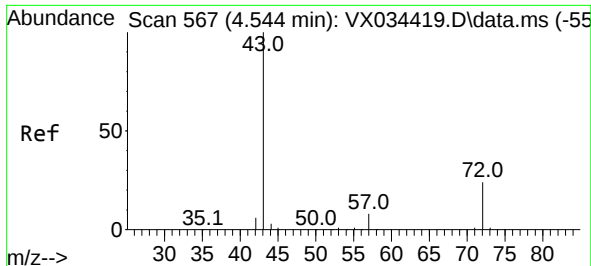
Tgt Ion: 43 Resp: 5759
Ion Ratio Lower Upper
43 100
74 20.8 18.3 27.5



#20
Methylene Chloride
Concen: 4.039 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034594.D
Acq: 17 Mar 2023 19:06

Tgt Ion: 84 Resp: 11762
Ion Ratio Lower Upper
84 100
49 140.8 103.8 155.8
51 46.5 31.8 47.8
86 66.9 51.4 77.2

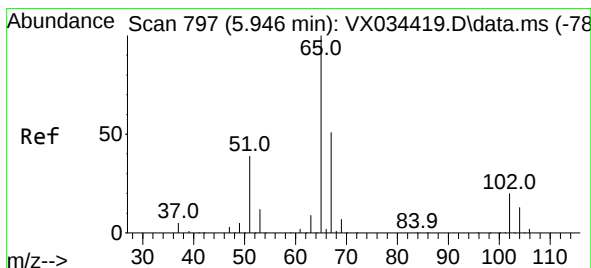
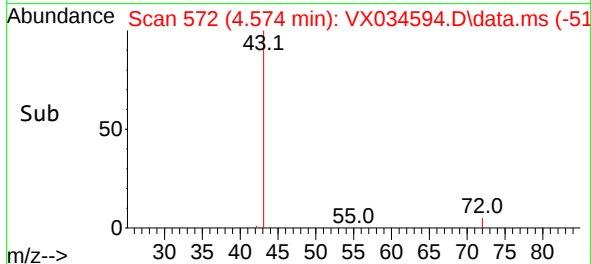
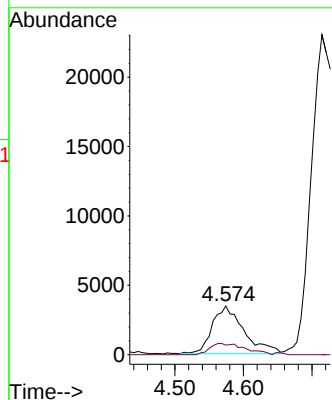
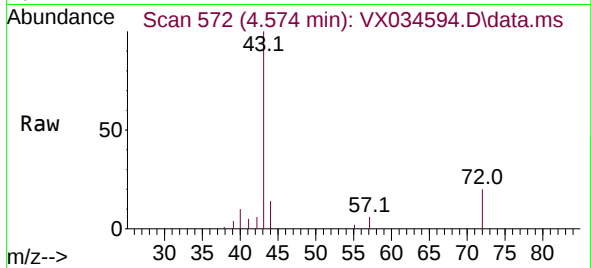




#25
2-Butanone
Concen: 5.160 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX034594.D
Acq: 17 Mar 2023 19:06

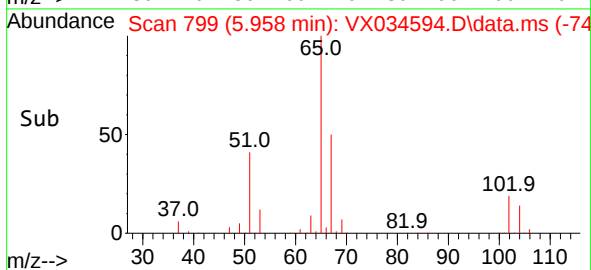
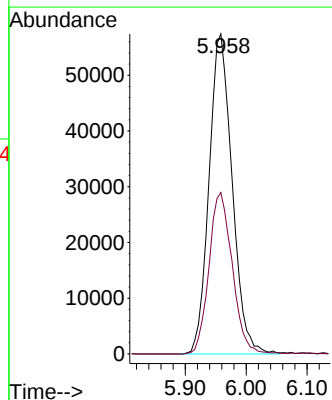
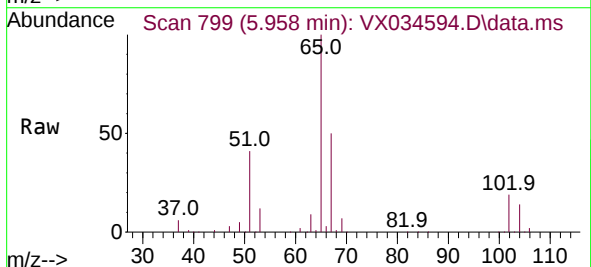
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#15

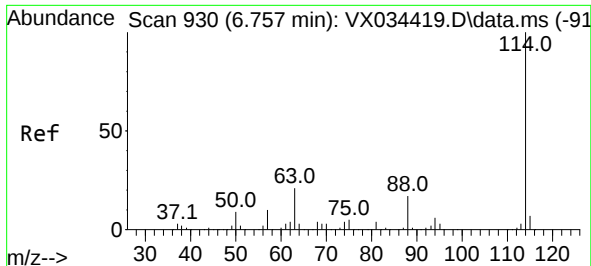
Tgt Ion: 43 Resp: 11079
Ion Ratio Lower Upper
43 100
72 20.0 19.3 28.9



#33
1,2-Dichloroethane-d4
Concen: 47.497 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034594.D
Acq: 17 Mar 2023 19:06

Tgt Ion: 65 Resp: 151301
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.0

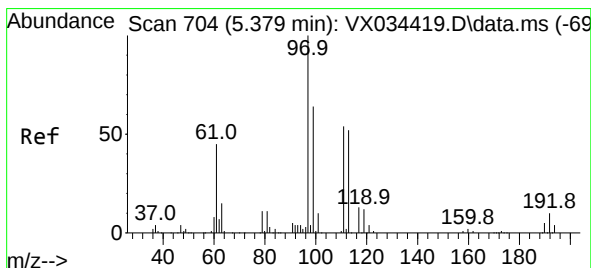
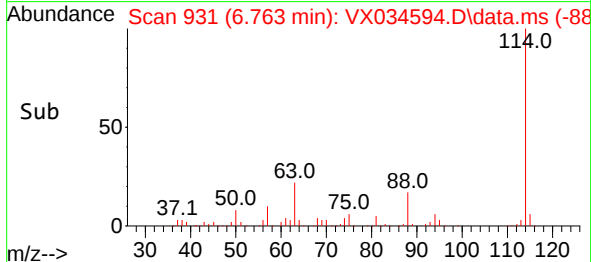
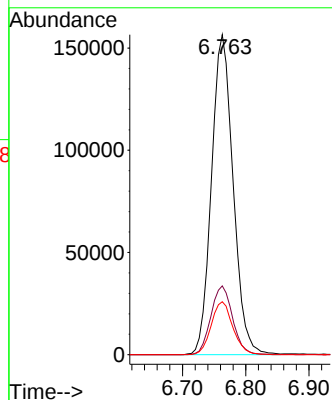
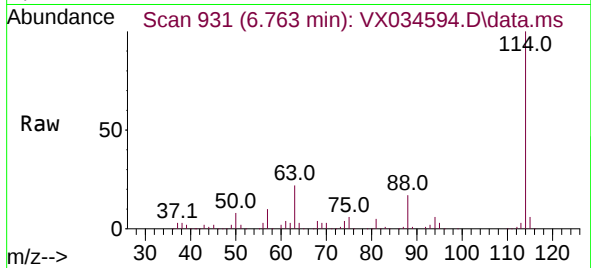




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX034594.D
Acq: 17 Mar 2023 19:06

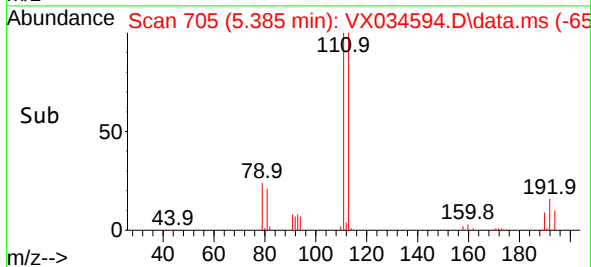
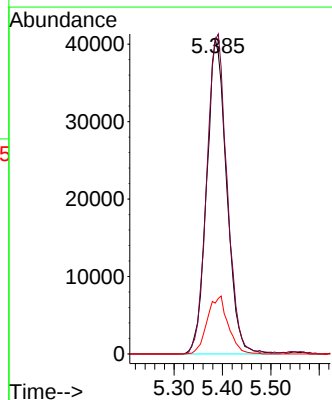
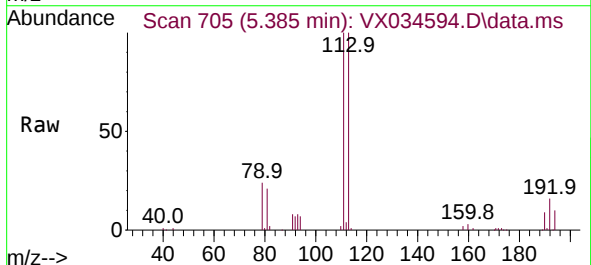
Instrument :
MSVOA_X
ClientSampleId :
PB151466ZHE#15

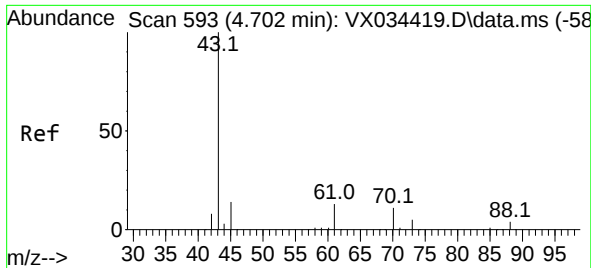
Tgt Ion:114 Resp: 372011
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.2
88 16.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.740 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034594.D
Acq: 17 Mar 2023 19:06

Tgt Ion:113 Resp: 117258
Ion Ratio Lower Upper
113 100
111 103.1 83.7 125.5
192 19.1 15.4 23.2





#37

Ethyl Acetate

Concen: 16.345 ug/l

RT: 4.715 min Scan# 593

Delta R.T. 0.012 min

Lab File: VX034594.D

Acq: 17 Mar 2023 19:06

Instrument :

MSVOA_X

ClientSampleId :

PB151466ZHE#15

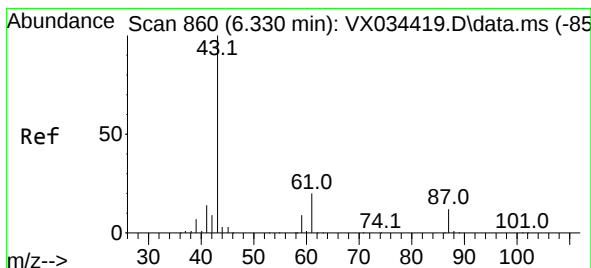
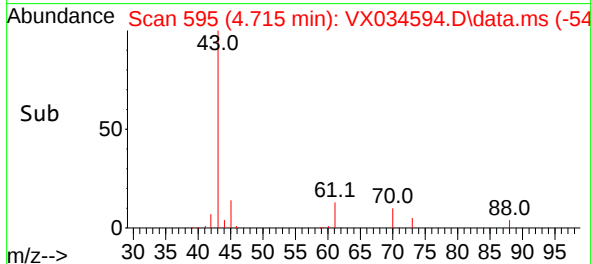
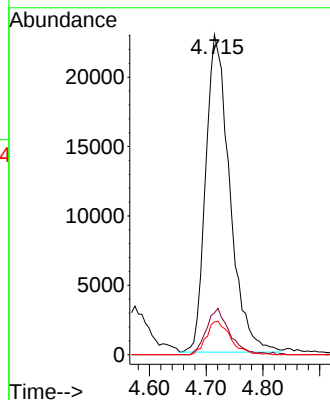
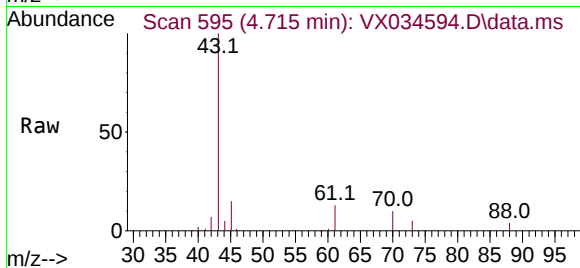
Tgt Ion: 43 Resp: 67365

Ion Ratio Lower Upper

43 100

61 14.2 10.2 15.4

70 10.5 8.2 12.4



#43

Isopropyl Acetate

Concen: 38.505 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.012 min

Lab File: VX034594.D

Acq: 17 Mar 2023 19:06

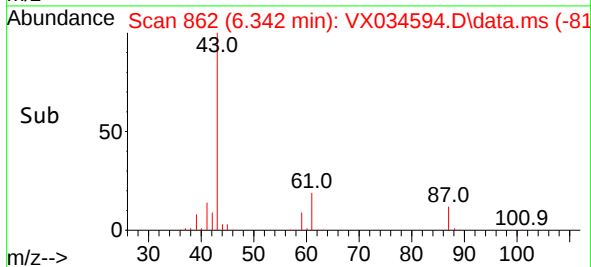
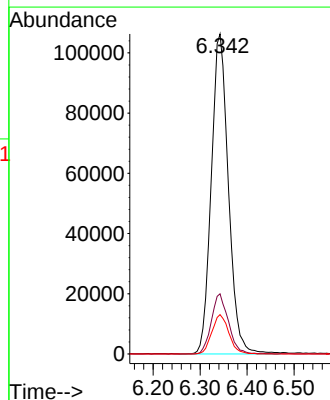
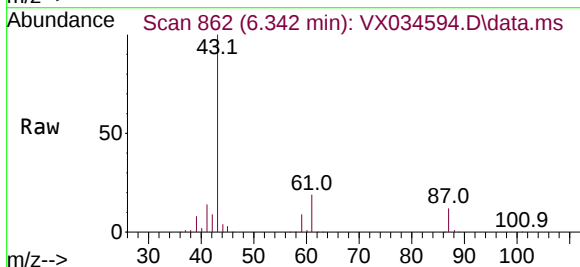
Tgt Ion: 43 Resp: 268843

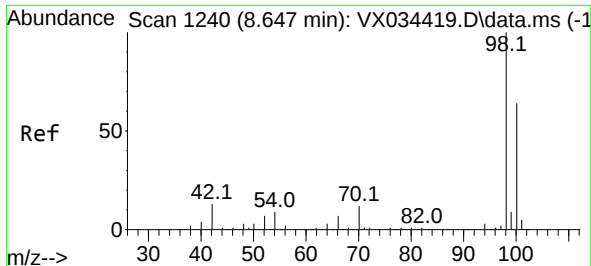
Ion Ratio Lower Upper

43 100

61 18.6 15.2 22.8

87 12.1 9.8 14.8

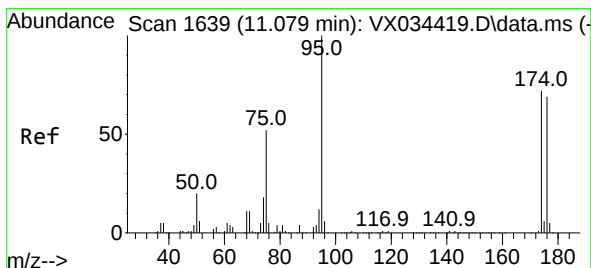
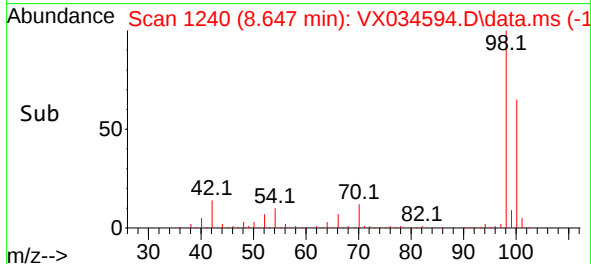
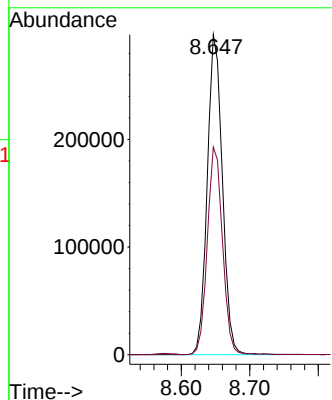
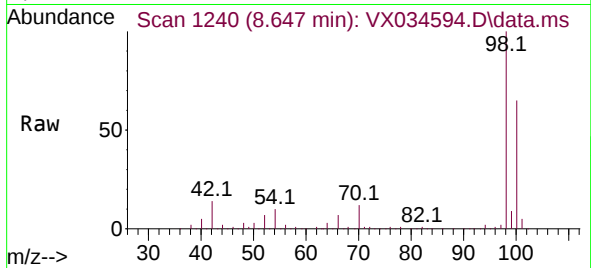




#50
Toluene-d8
Concen: 49.800 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034594.D
Acq: 17 Mar 2023 19:06

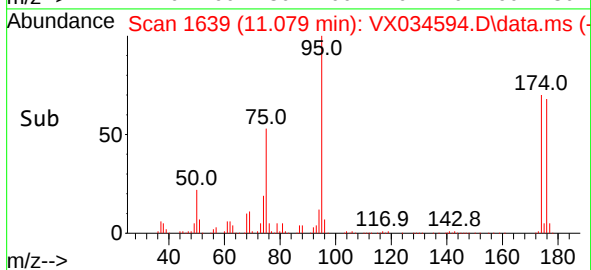
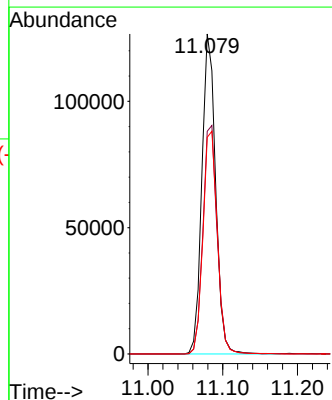
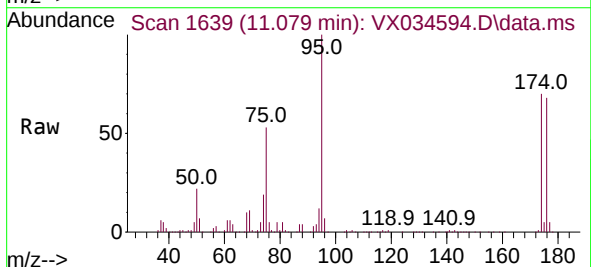
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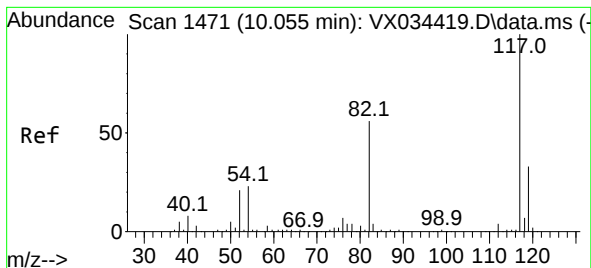
Tgt Ion: 98 Resp: 456624
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 43.550 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034594.D
Acq: 17 Mar 2023 19:06

Tgt Ion: 95 Resp: 161292
Ion Ratio Lower Upper
95 100
174 73.9 0.0 147.4
176 72.9 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: VX034594.D

Acq: 17 Mar 2023 19:06

Instrument :

MSVOA_X

ClientSampleId :

PB151466ZHE#15

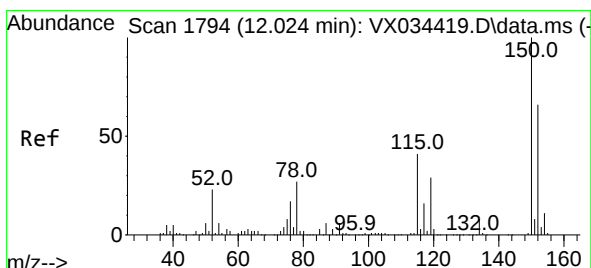
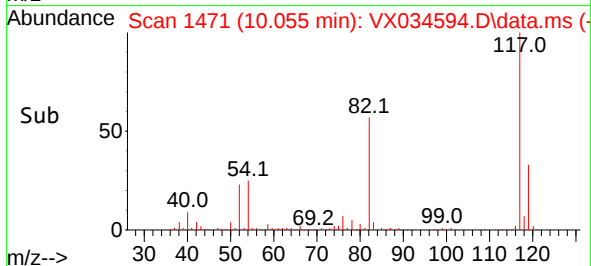
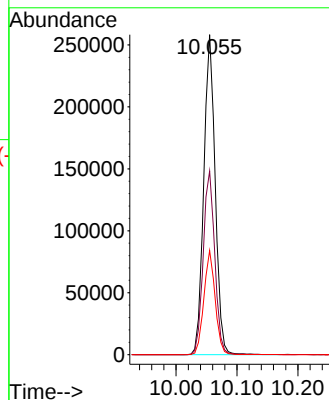
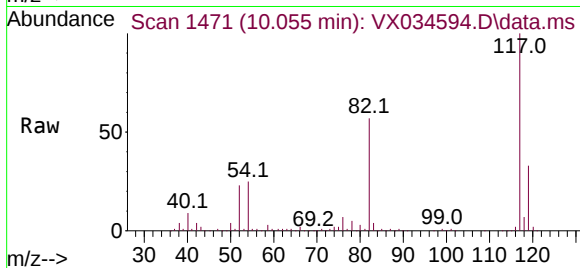
Tgt Ion:117 Resp: 337205

Ion Ratio Lower Upper

117 100

82 57.4 45.0 67.4

119 32.6 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: VX034594.D

Acq: 17 Mar 2023 19:06

Tgt Ion:152 Resp: 138899

Ion Ratio Lower Upper

152 100

115 62.4 45.0 135.0

150 158.4 0.0 352.4

