

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
 Data File : VX034605.D
 Acq On : 18 Mar 2023 02:32
 Operator : JC/MD
 Sample : 01932-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CE-43-031423

Quant Time: Mar 20 02:07:17 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)

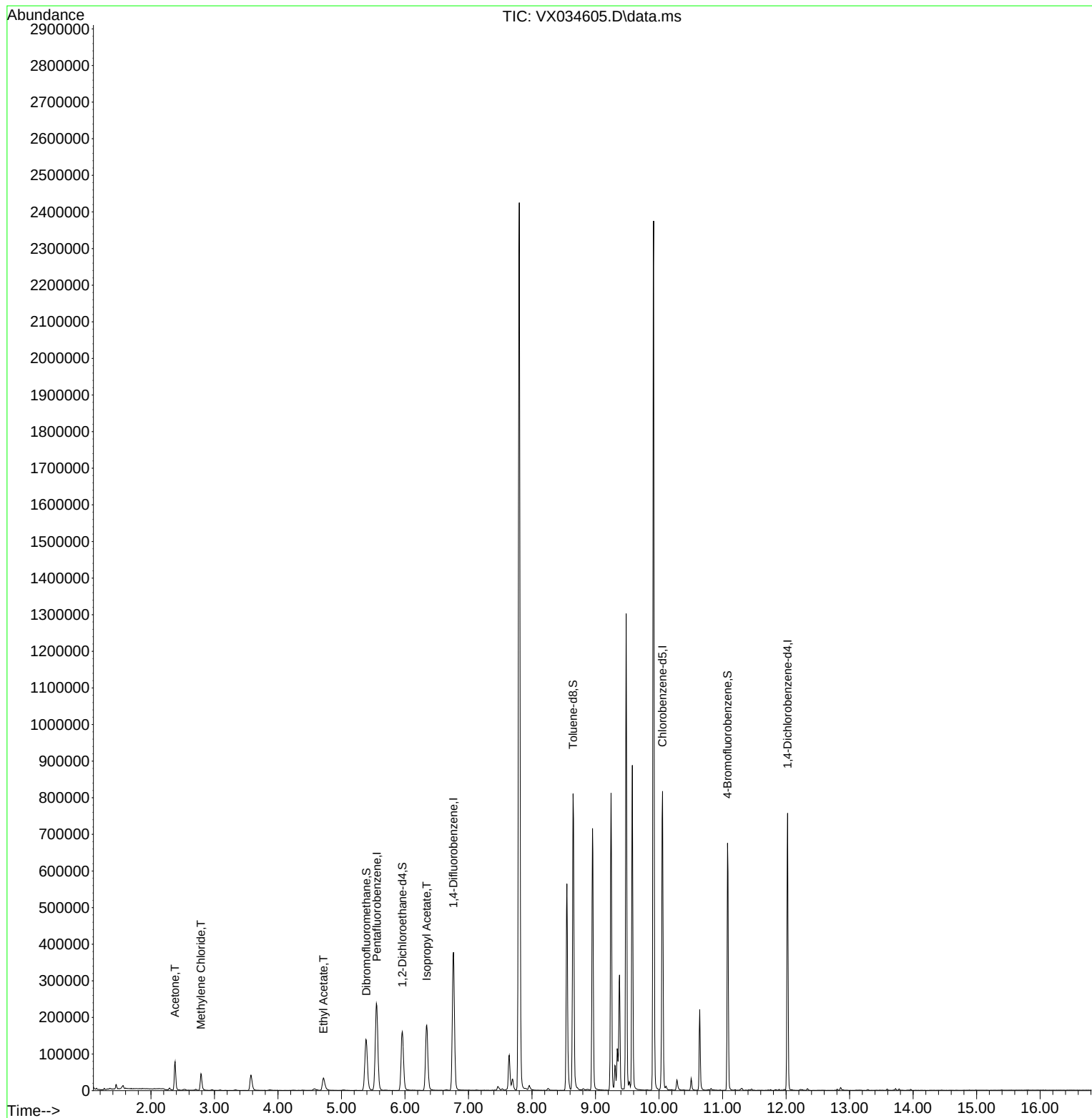
Internal Standards						
1) Pentafluorobenzene	5.556	168	221296	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	378010	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	342375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156510	48.614	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.220%
35) Dibromofluoromethane	5.391	113	121602	48.723	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.440%
50) Toluene-d8	8.647	98	465437	49.956	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.920%
62) 4-Bromofluorobenzene	11.079	95	173706	46.157	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.320%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	81878	53.991	ug/l	97
20) Methylene Chloride	2.788	84	20756	7.052	ug/l	98
37) Ethyl Acetate	4.714	43	60829	14.525	ug/l	98
43) Isopropyl Acetate	6.342	43	255611	36.029	ug/l	99

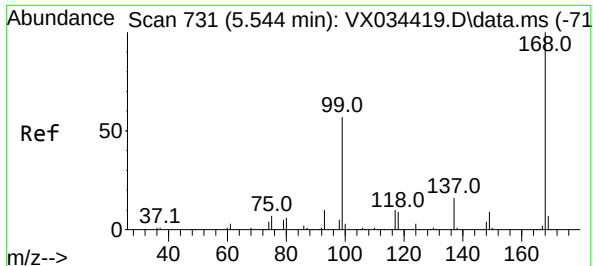
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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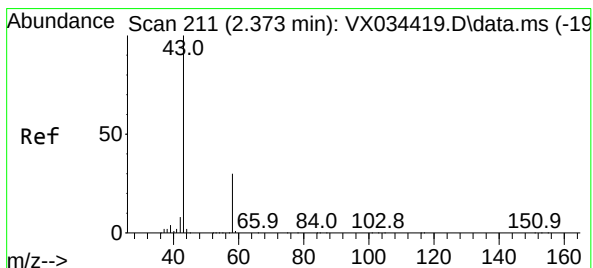
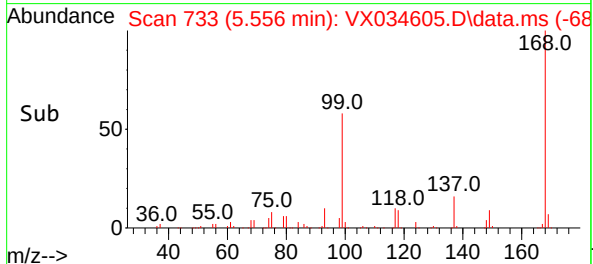
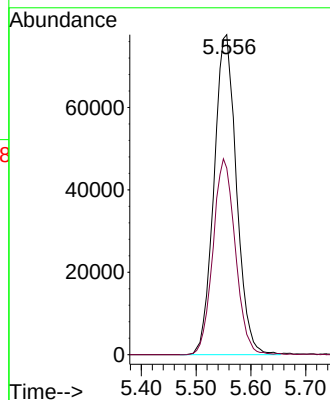
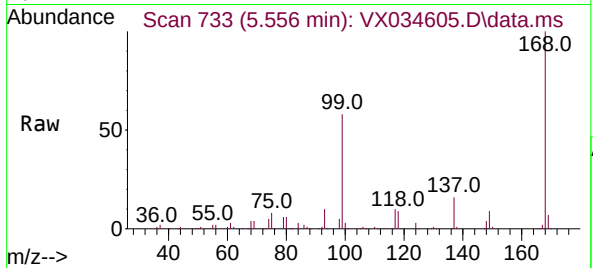




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034605.D
Acq: 18 Mar 2023 02:32

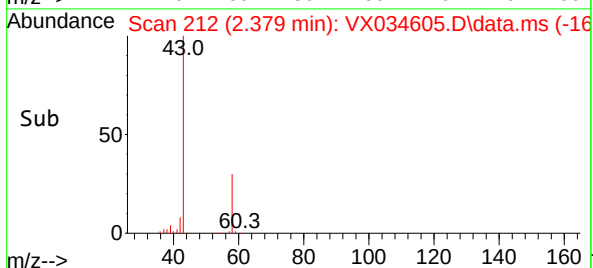
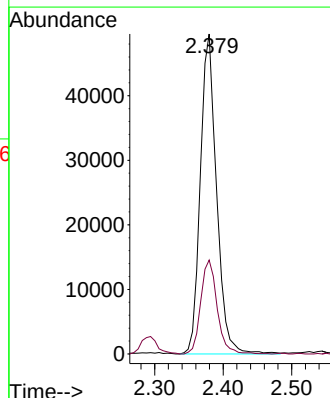
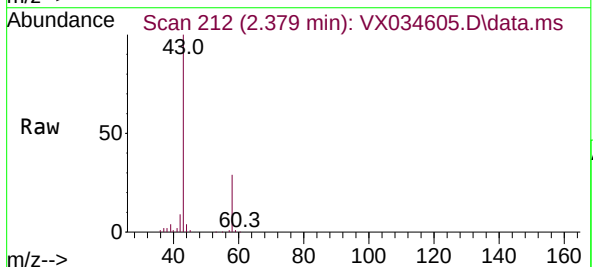
Instrument :
MSVOA_X
ClientSampleId :
CE-43-031423

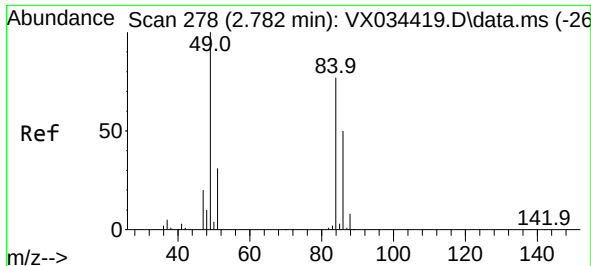
Tgt Ion:168 Resp: 221296
Ion Ratio Lower Upper
168 100
99 58.3 45.7 68.5



#16
Acetone
Concen: 53.991 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034605.D
Acq: 18 Mar 2023 02:32

Tgt Ion: 43 Resp: 81878
Ion Ratio Lower Upper
43 100
58 29.3 24.7 37.1

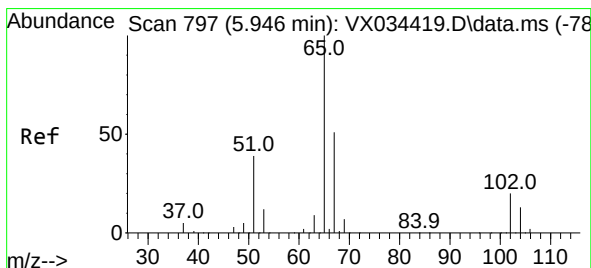
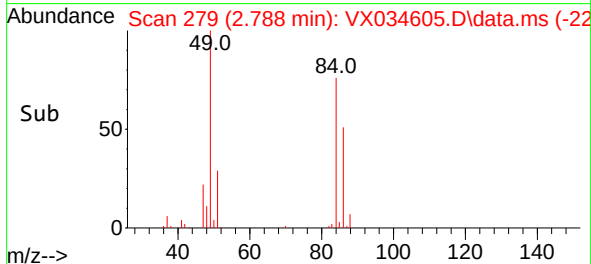
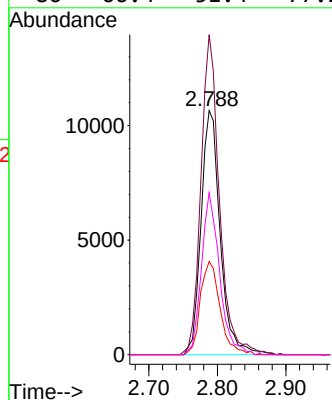
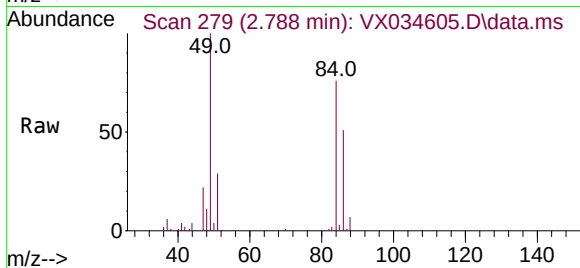




#20
Methylene Chloride
Concen: 7.052 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034605.D
Acq: 18 Mar 2023 02:32

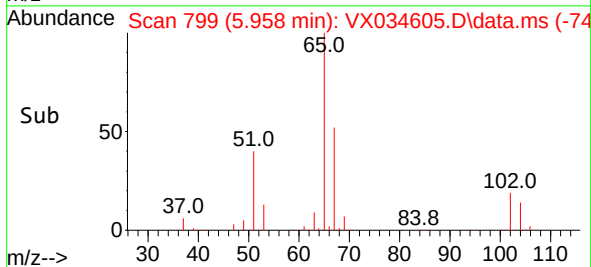
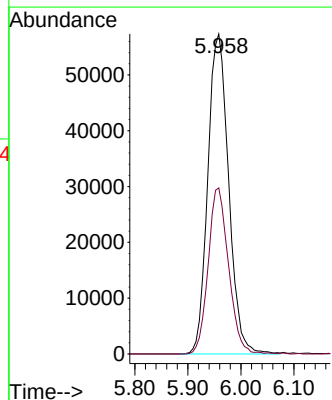
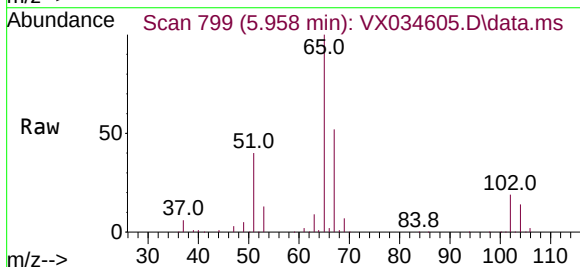
Instrument :
MSVOA_X
ClientSampleId :
CE-43-031423

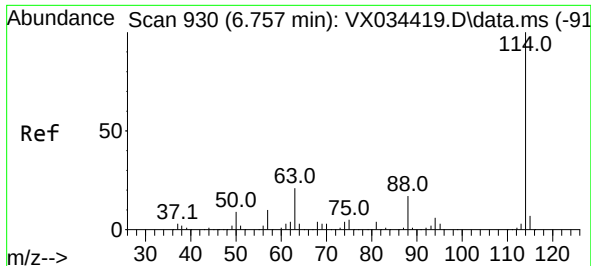
Tgt Ion:	84	Resp:	20756
Ion	Ratio	Lower	Upper
84	100		
49	131.2	103.8	155.8
51	38.2	31.8	47.8
86	66.4	51.4	77.2



#33
1,2-Dichloroethane-d4
Concen: 48.614 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034605.D
Acq: 18 Mar 2023 02:32

Tgt Ion:	65	Resp:	156510
Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	104.0

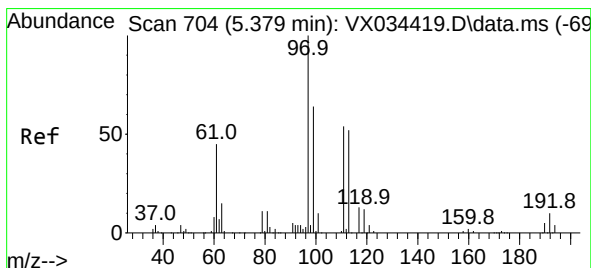
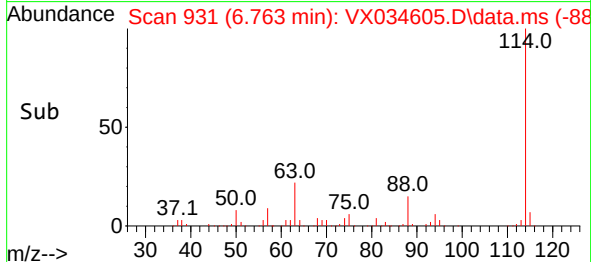
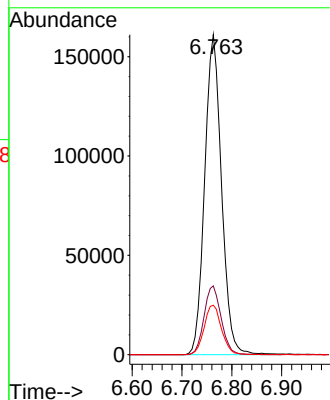
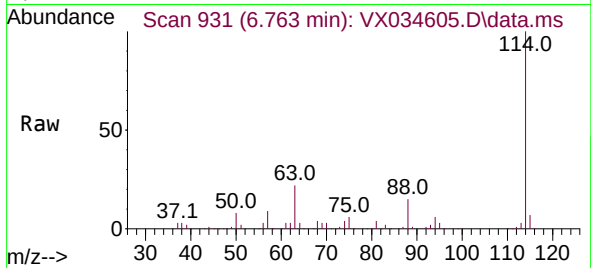




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034605.D
Acq: 18 Mar 2023 02:32

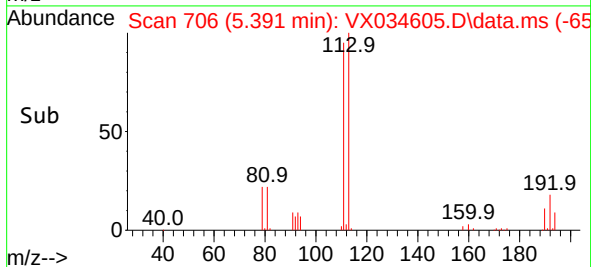
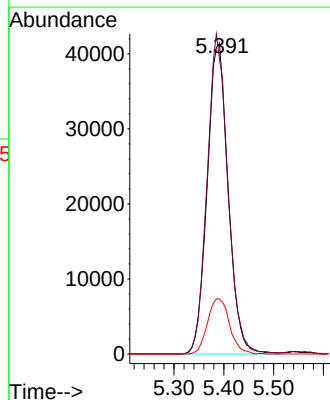
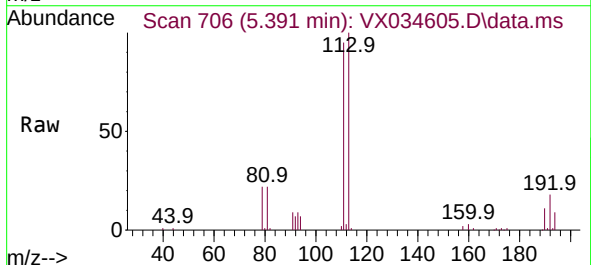
Instrument :
MSVOA_X
ClientSampleId :
CE-43-031423

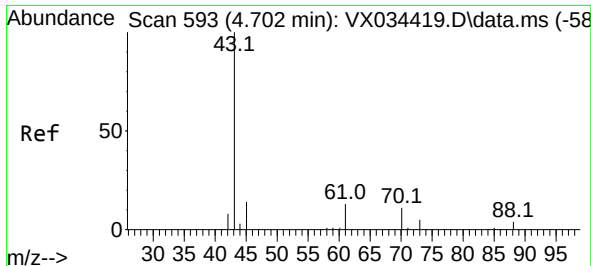
Tgt Ion:114 Resp: 378010
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.2
88 15.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.723 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX034605.D
Acq: 18 Mar 2023 02:32

Tgt Ion:113 Resp: 121602
Ion Ratio Lower Upper
113 100
111 101.0 83.7 125.5
192 18.5 15.4 23.2

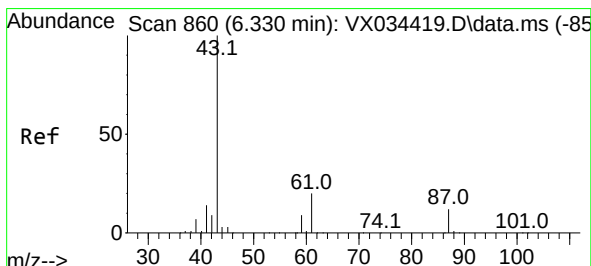
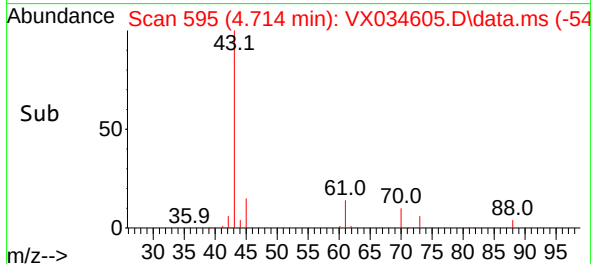
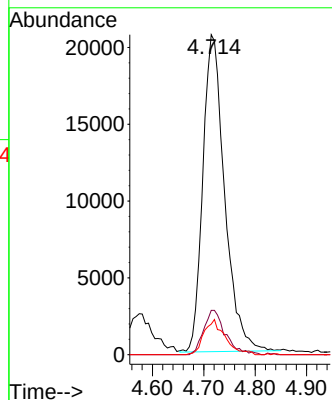
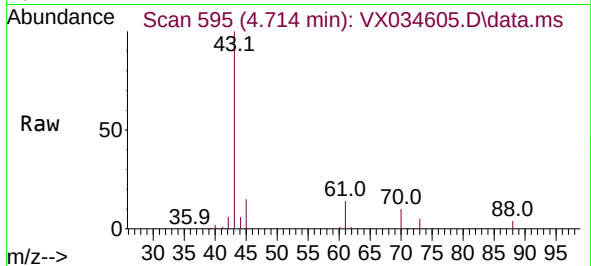




#37
Ethyl Acetate
Concen: 14.525 ug/l
RT: 4.714 min Scan# 593
Delta R.T. 0.012 min
Lab File: VX034605.D
Acq: 18 Mar 2023 02:32

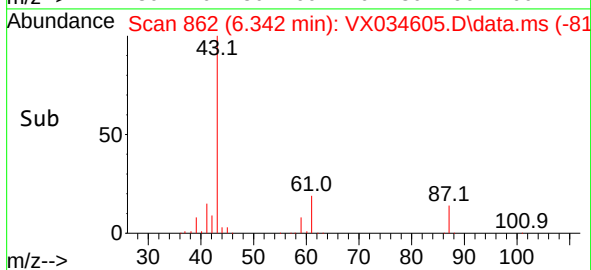
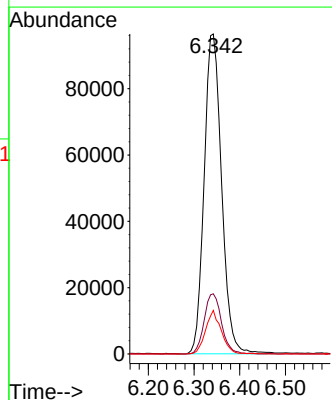
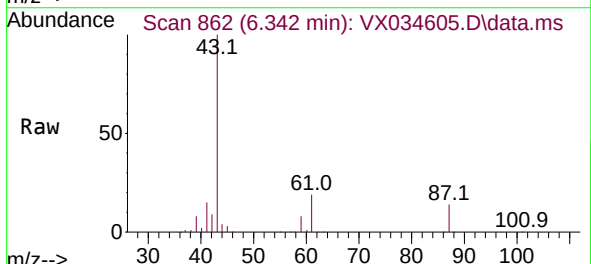
Instrument :
MSVOA_X
ClientSampleId :
CE-43-031423

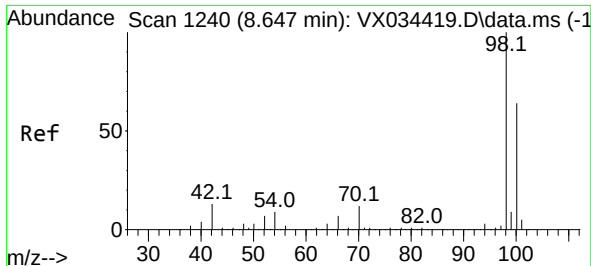
Tgt Ion: 43 Resp: 60829
Ion Ratio Lower Upper
43 100
61 13.9 10.2 15.4
70 10.8 8.2 12.4



#43
Isopropyl Acetate
Concen: 36.029 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.012 min
Lab File: VX034605.D
Acq: 18 Mar 2023 02:32

Tgt Ion: 43 Resp: 255611
Ion Ratio Lower Upper
43 100
61 18.6 15.2 22.8
87 12.2 9.8 14.8





#50

Toluene-d8

Concen: 49.956 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034605.D

Acq: 18 Mar 2023 02:32

Instrument :

MSVOA_X

ClientSampleId :

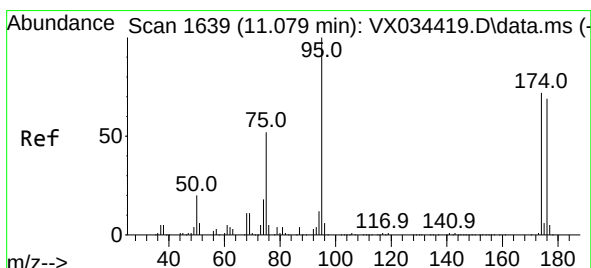
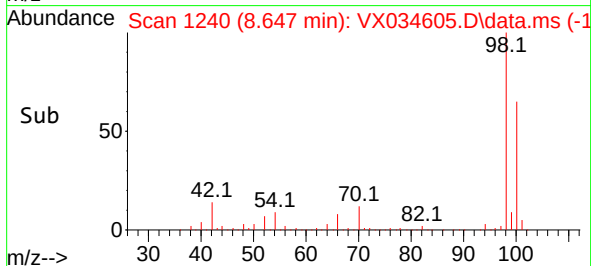
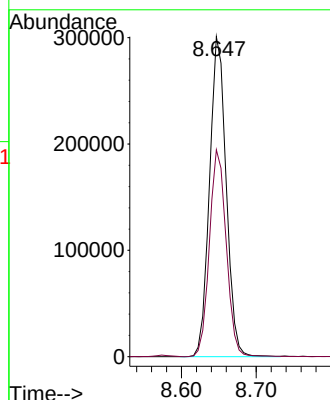
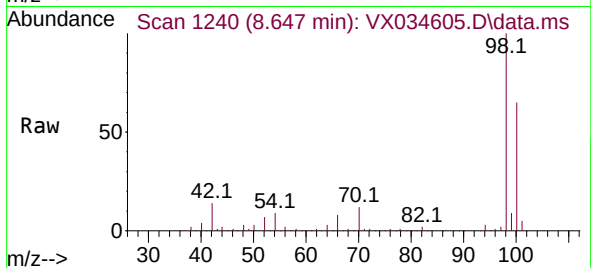
CE-43-031423

Tgt Ion: 98 Resp: 465437

Ion Ratio Lower Upper

98 100

100 65.2 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 46.157 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX034605.D

Acq: 18 Mar 2023 02:32

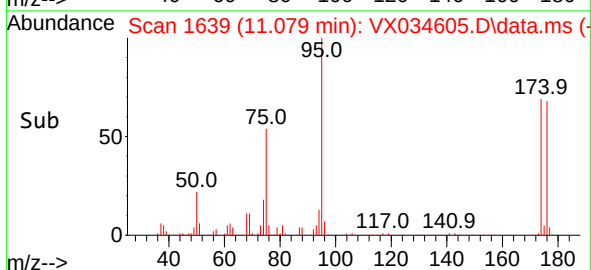
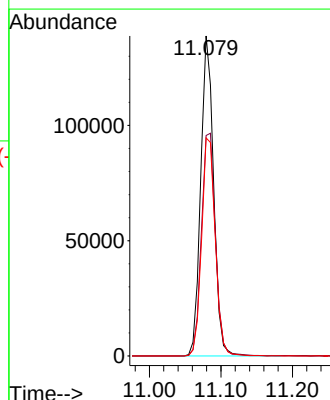
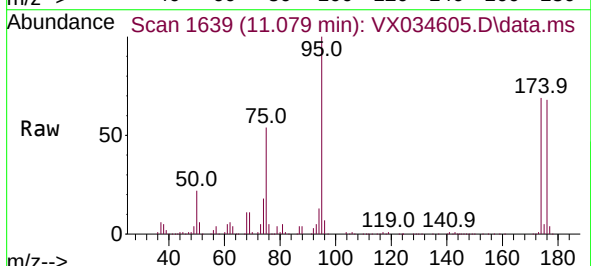
Tgt Ion: 95 Resp: 173706

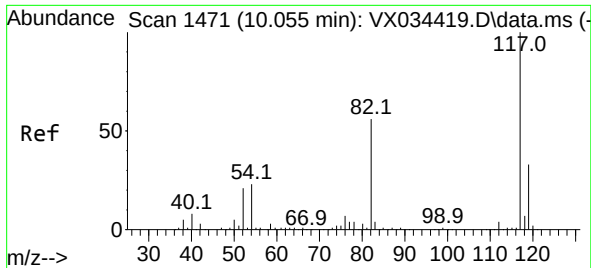
Ion Ratio Lower Upper

95 100

174 75.6 0.0 147.4

176 72.3 0.0 140.6

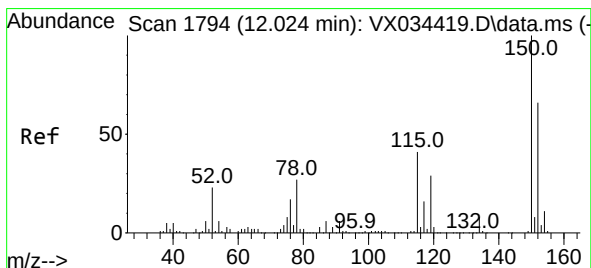
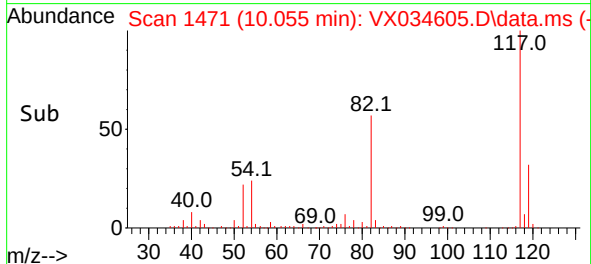
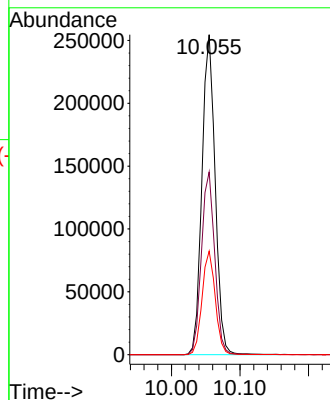
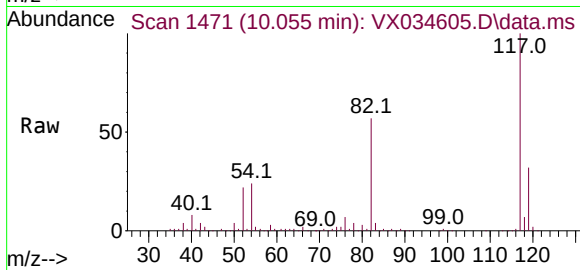




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034605.D
Acq: 18 Mar 2023 02:32

Instrument :
MSVOA_X
ClientSampleId :
CE-43-031423

Tgt Ion:117 Resp: 342375
Ion Ratio Lower Upper
117 100
82 57.1 45.0 67.4
119 32.4 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: VX034605.D
Acq: 18 Mar 2023 02:32

Tgt Ion:152 Resp: 144263
Ion Ratio Lower Upper
152 100
115 60.3 45.0 135.0
150 159.1 0.0 352.4

