

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039443.D
 Acq On : 22 Dec 2023 16:27
 Operator : JC/MD
 Sample : 05966-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COLT1

Quant Time: Dec 23 06:26:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

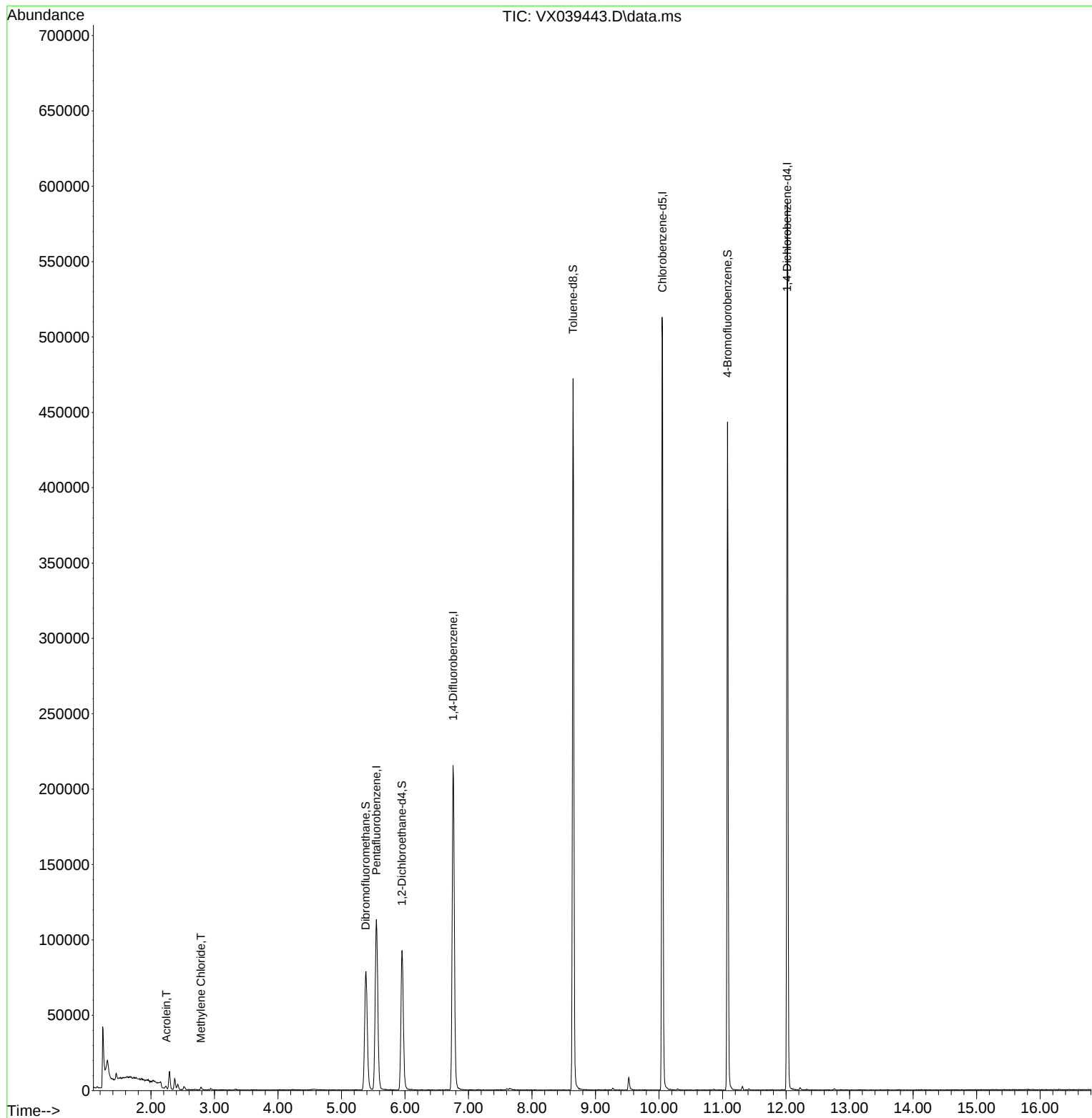
Internal Standards						
1) Pentafluorobenzene	5.550	168	98058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	210325	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	111002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90496	50.378	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.760%	
35) Dibromofluoromethane	5.379	113	69292	47.688	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.380%	
50) Toluene-d8	8.647	98	269359	49.933	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.860%	
62) 4-Bromofluorobenzene	11.079	95	121303	54.501	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.000%	
Target Compounds						
					Qvalue	
13) Acrolein	2.239	56	1078	2.996	ug/l	91
20) Methylene Chloride	2.788	84	753	0.503	ug/l	90

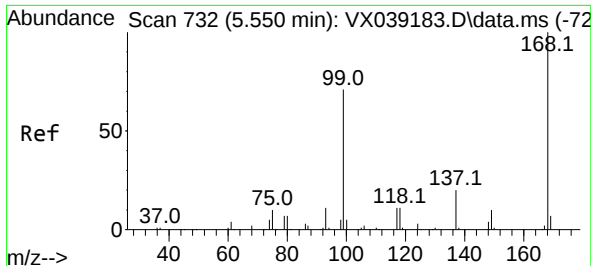
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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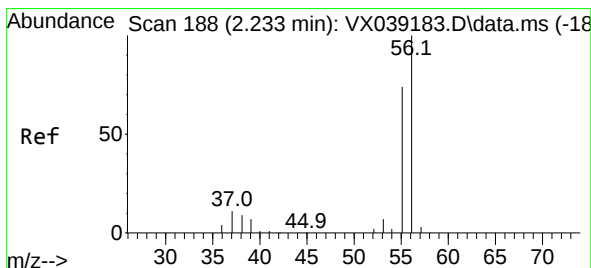
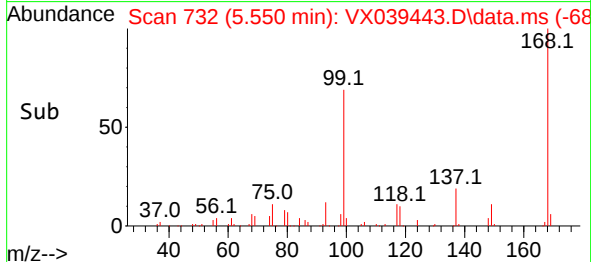
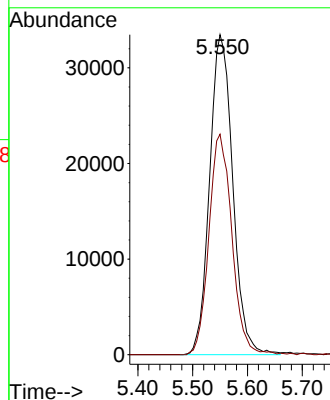
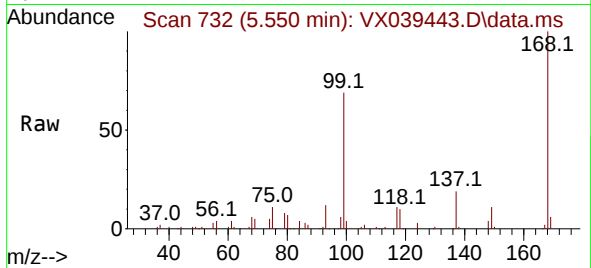




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039443.D
Acq: 22 Dec 2023 16:27

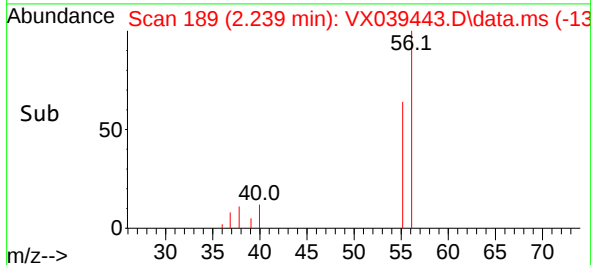
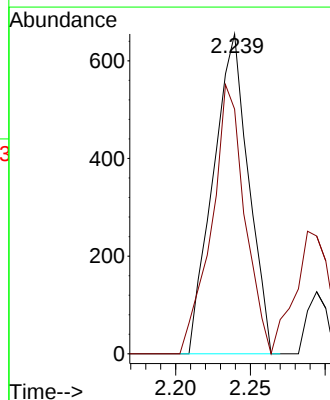
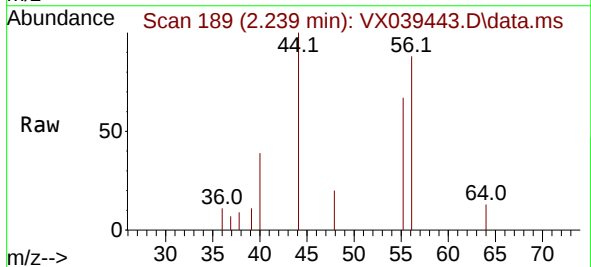
Instrument :
MSVOA_X
ClientSampleId :
COLT1

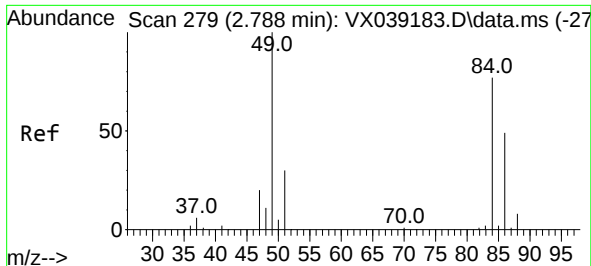
Tgt Ion:168 Resp: 98058
Ion Ratio Lower Upper
168 100
99 68.9 56.6 85.0



#13
Acrolein
Concen: 2.996 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX039443.D
Acq: 22 Dec 2023 16:27

Tgt Ion: 56 Resp: 1078
Ion Ratio Lower Upper
56 100
55 78.6 57.1 85.7



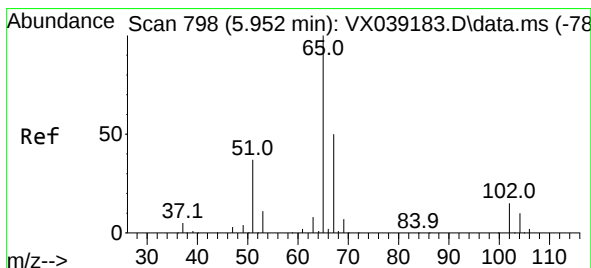
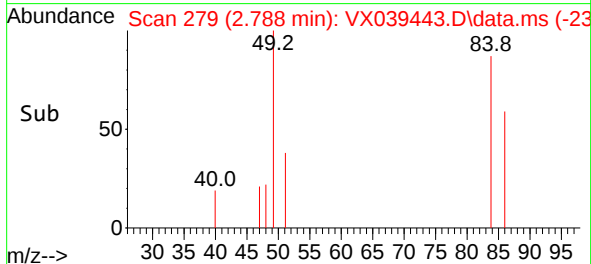
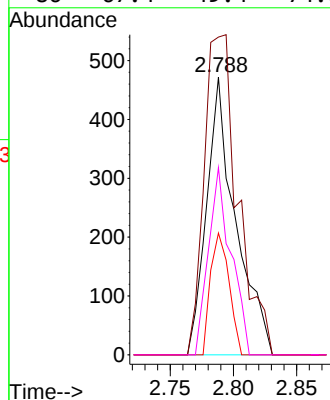
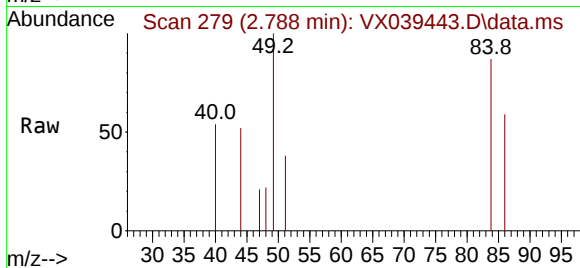


#20
Methylene Chloride
Concen: 0.503 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039443.D
Acq: 22 Dec 2023 16:27

Instrument :
MSVOA_X
ClientSampleId :
COLT1

Tgt Ion: 84 Resp: 753

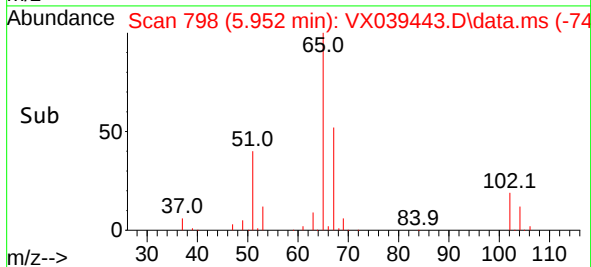
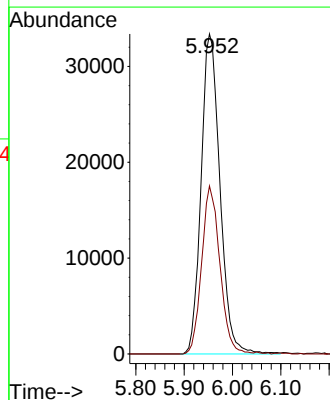
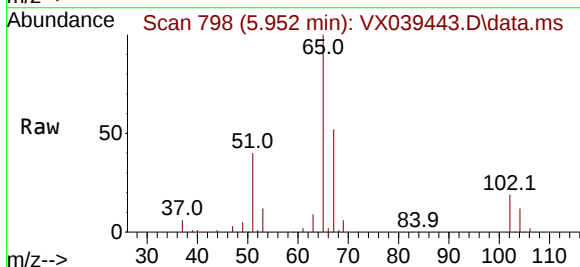
Ion	Ratio	Lower	Upper
84	100		
49	114.4	103.6	155.4
51	43.9	33.8	50.6
86	67.4	49.4	74.0

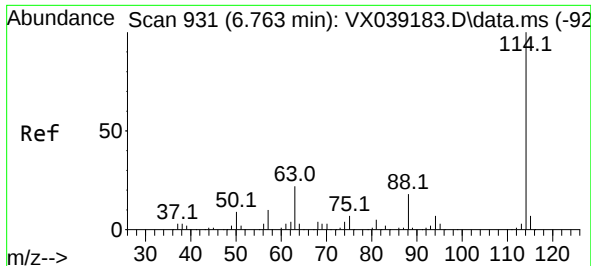


#33
1,2-Dichloroethane-d4
Concen: 50.378 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039443.D
Acq: 22 Dec 2023 16:27

Tgt Ion: 65 Resp: 90496

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	100.2

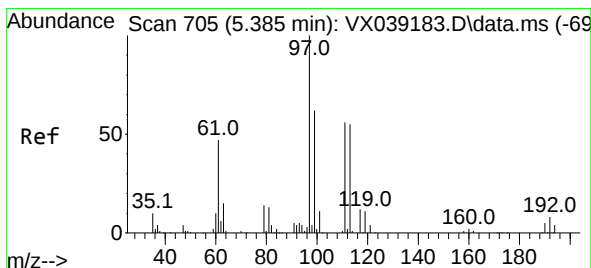
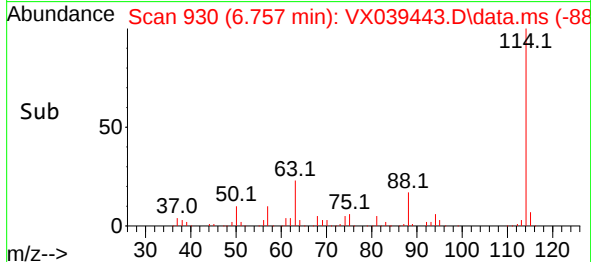
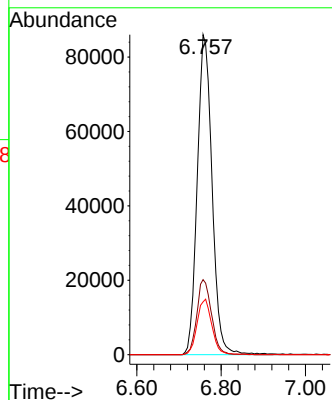
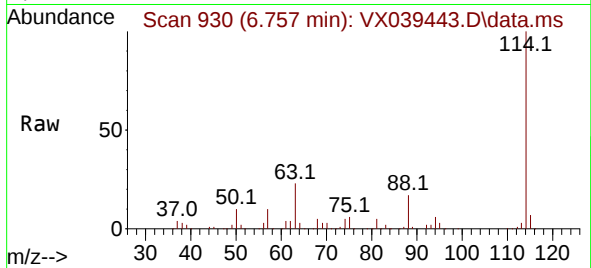




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039443.D
Acq: 22 Dec 2023 16:27

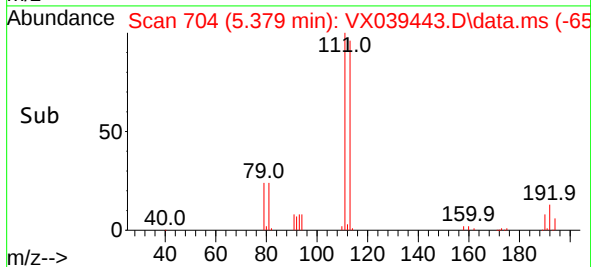
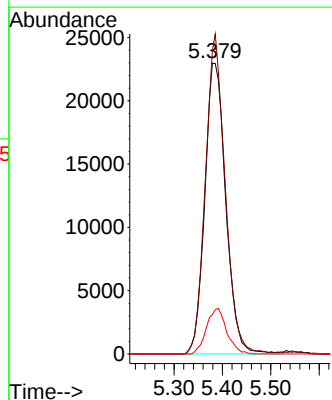
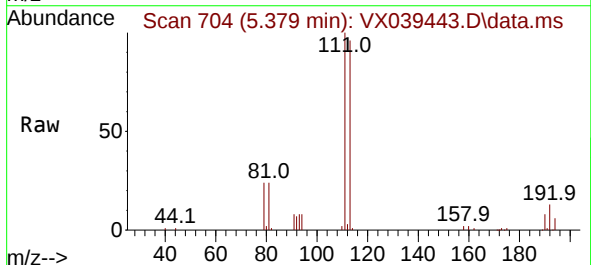
Instrument :
MSVOA_X
ClientSampleId :
COLT1

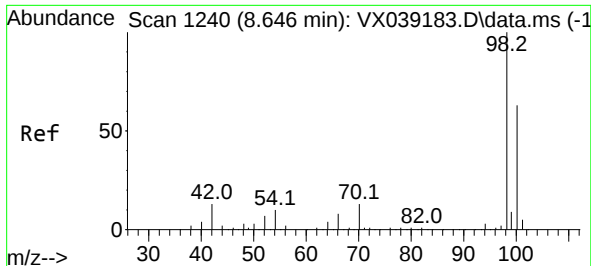
Tgt Ion:114 Resp: 210325
Ion Ratio Lower Upper
114 100
63 23.4 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.688 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039443.D
Acq: 22 Dec 2023 16:27

Tgt Ion:113 Resp: 69292
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 15.0 13.3 19.9

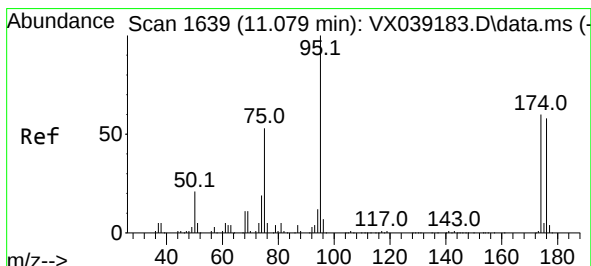
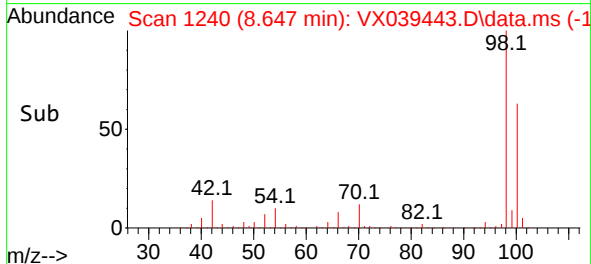
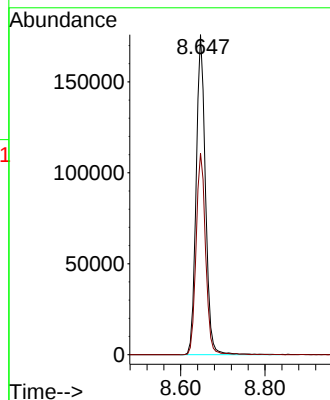
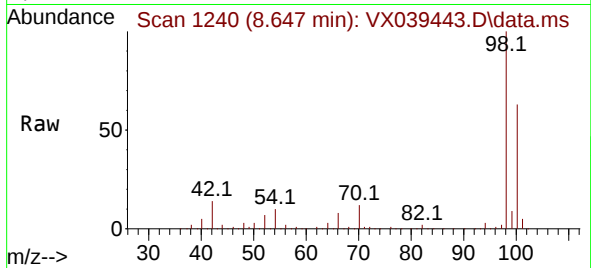




#50
Toluene-d8
Concen: 49.933 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039443.D
Acq: 22 Dec 2023 16:27

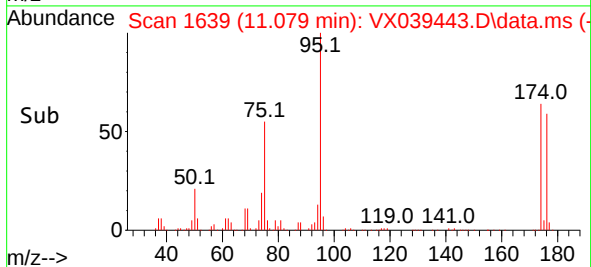
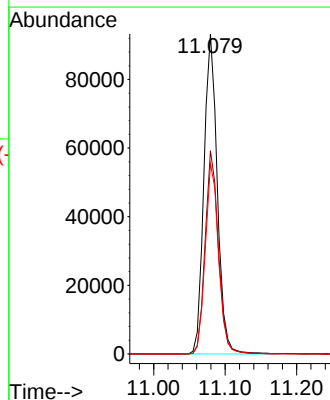
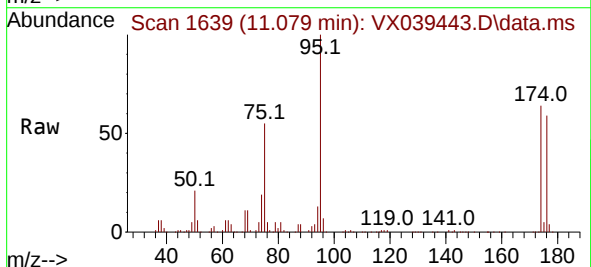
Instrument :
MSVOA_X
ClientSampleId :
COLT1

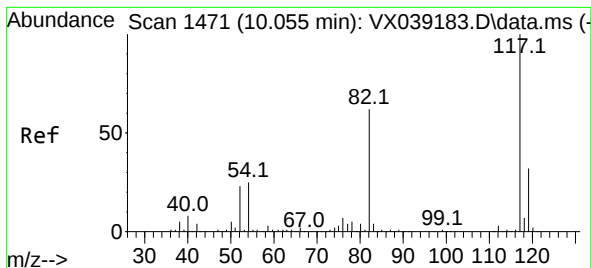
Tgt Ion: 98 Resp: 269359
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 54.501 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039443.D
Acq: 22 Dec 2023 16:27

Tgt Ion: 95 Resp: 121303
Ion Ratio Lower Upper
95 100
174 63.1 0.0 135.6
176 59.4 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX039443.D

Acq: 22 Dec 2023 16:27

Instrument :

MSVOA_X

ClientSampleId :

COLT1

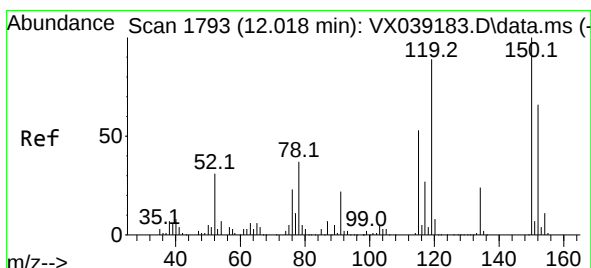
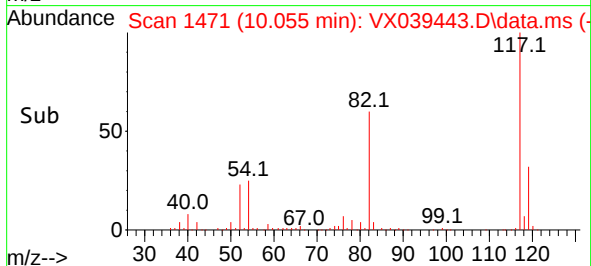
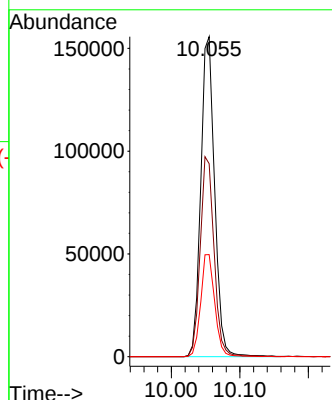
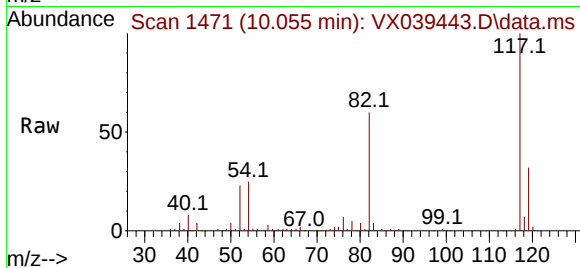
Tgt Ion:117 Resp: 219566

Ion Ratio Lower Upper

117 100

82 60.3 46.2 69.4

119 31.9 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX039443.D

Acq: 22 Dec 2023 16:27

Tgt Ion:152 Resp: 111002

Ion Ratio Lower Upper

152 100

115 66.2 43.3 129.9

150 157.1 0.0 345.0

