

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038506.D
 Acq On : 26 Oct 2023 08:16
 Operator : JC/MD
 Sample : 05049-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B5

Quant Time: Oct 26 09:10:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

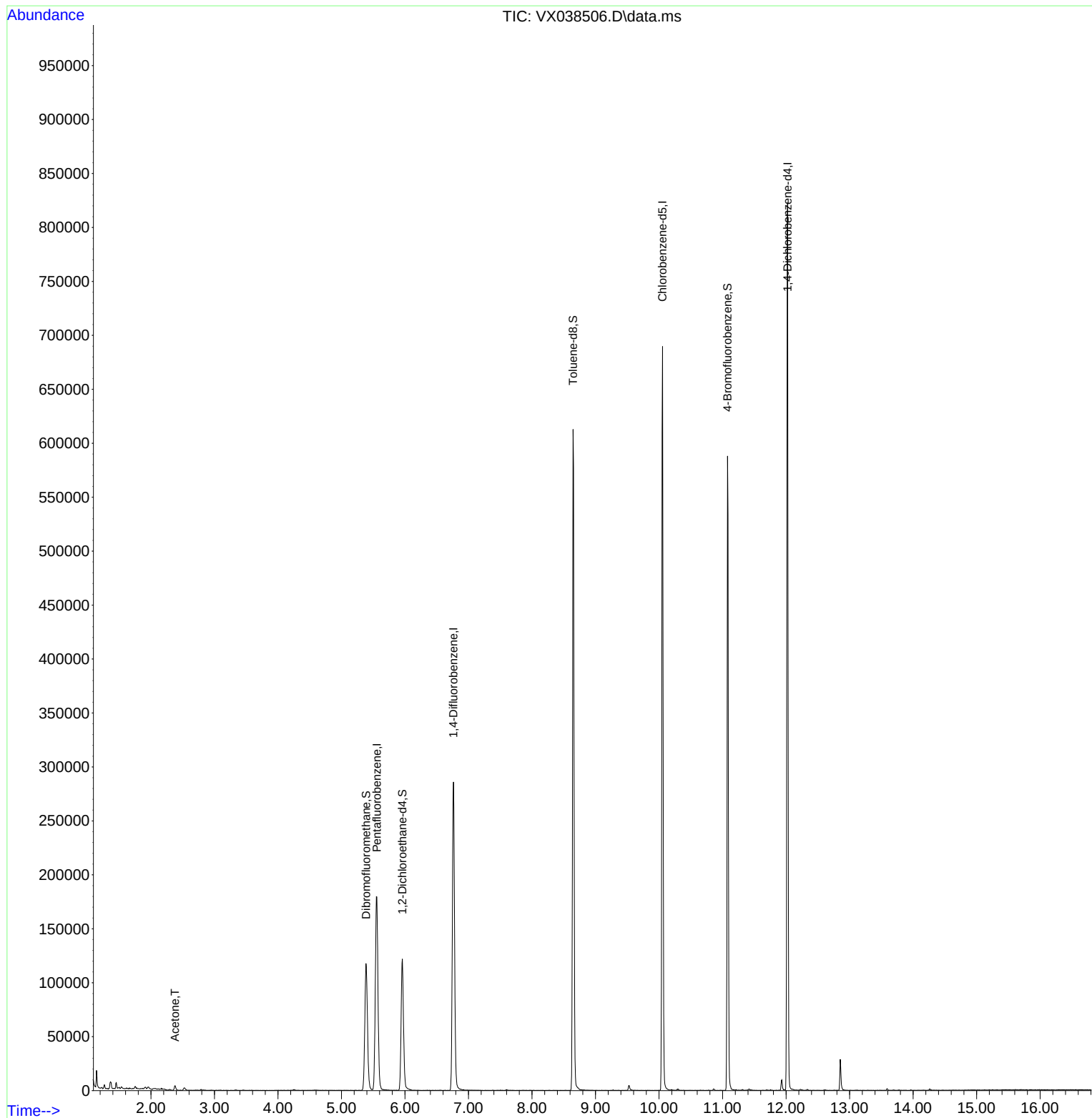
Internal Standards						
1) Pentafluorobenzene	5.556	168	180748	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	308042	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	320660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	181333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	114018	39.219	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	78.440%
35) Dibromofluoromethane	5.385	113	102616	46.231	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.460%
50) Toluene-d8	8.647	98	374366	44.138	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.280%#
62) 4-Bromofluorobenzene	11.079	95	151615	47.151	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.300%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	4557	3.756	ug/l	# 87

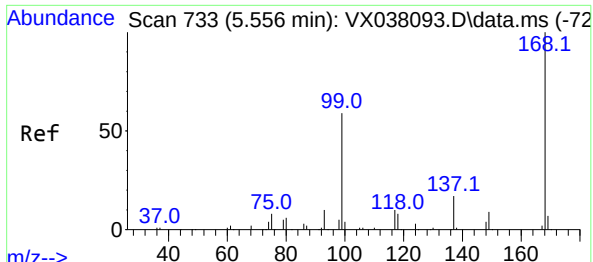
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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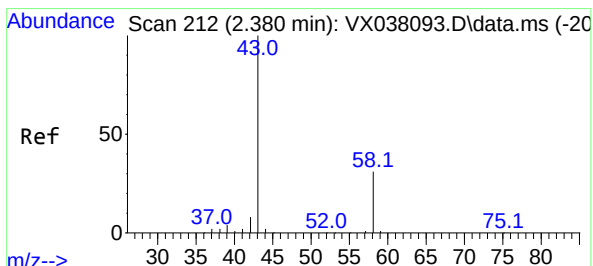
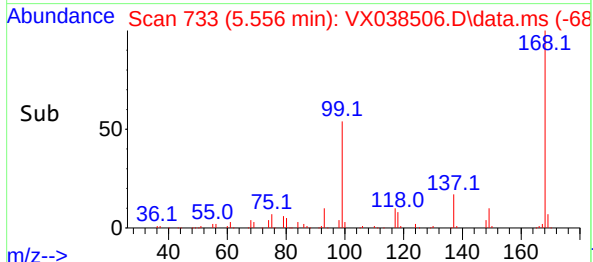
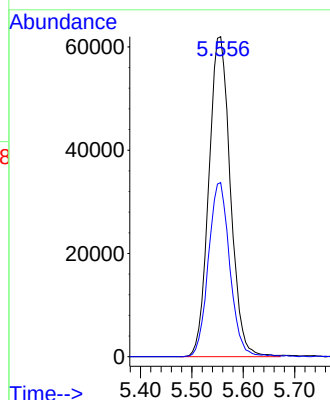
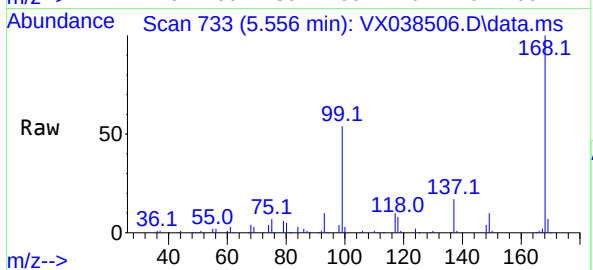




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038506.D
Acq: 26 Oct 2023 08:16

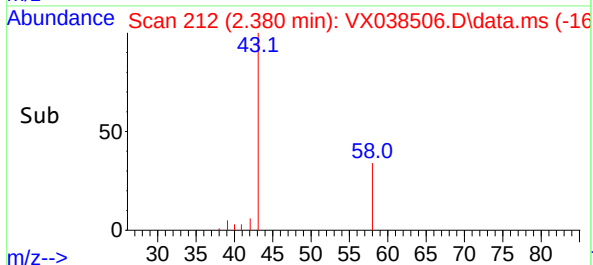
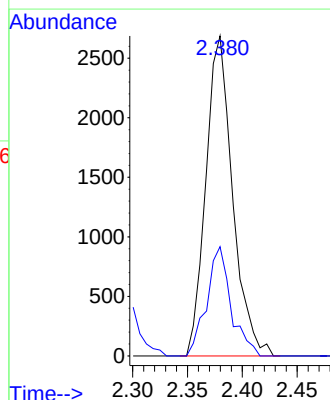
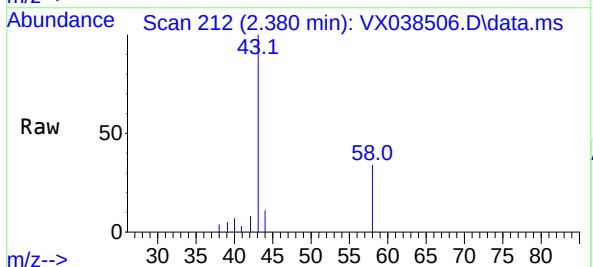
Instrument :
MSVOA_X
ClientSampleId :
B5

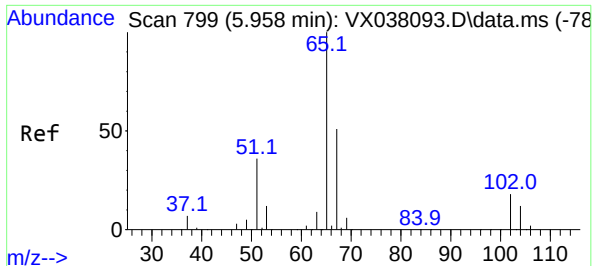
Tgt Ion:168 Resp: 180748
Ion Ratio Lower Upper
168 100
99 54.4 56.6 85.0#



#16
Acetone
Concen: 3.756 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038506.D
Acq: 26 Oct 2023 08:16

Tgt Ion: 43 Resp: 4557
Ion Ratio Lower Upper
43 100
58 34.1 21.9 32.9#

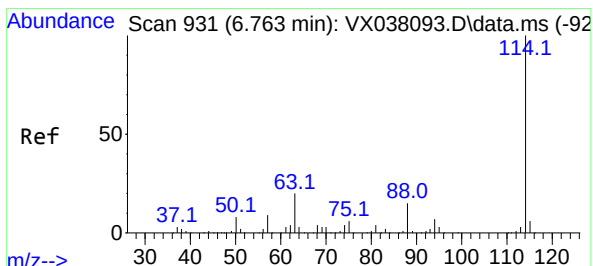
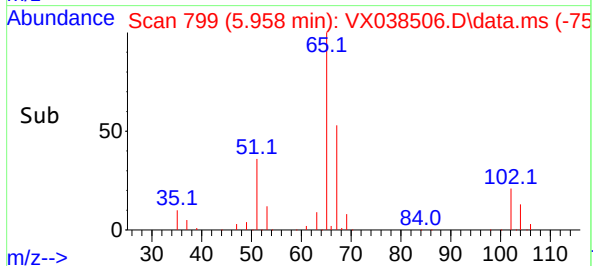
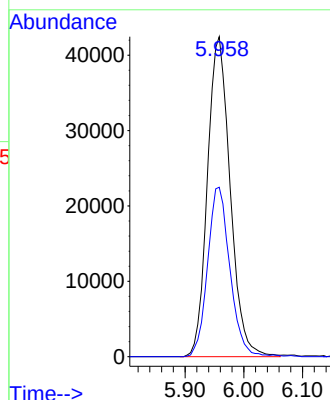
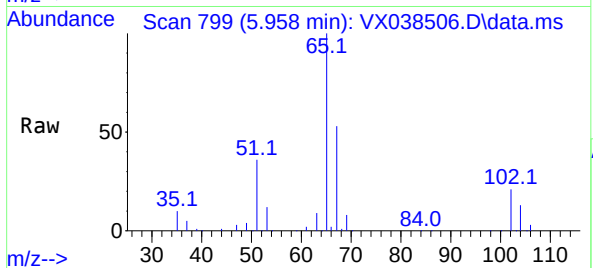




#33
1,2-Dichloroethane-d4
Concen: 39.219 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038506.D
Acq: 26 Oct 2023 08:16

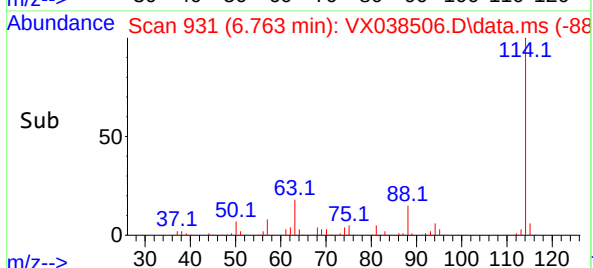
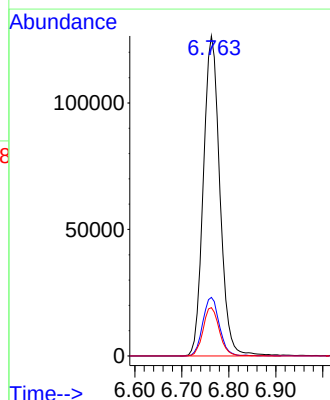
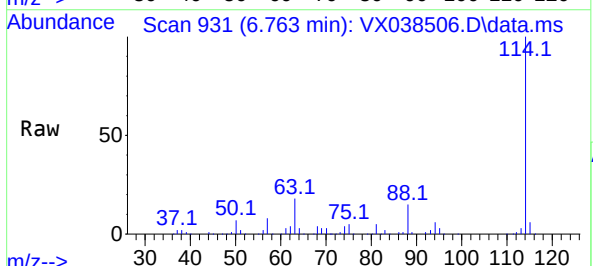
Instrument :
MSVOA_X
ClientSampleId :
B5

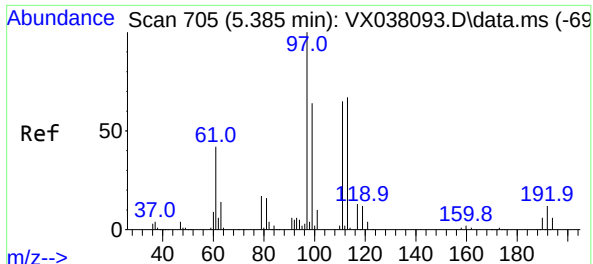
Tgt Ion: 65 Resp: 114018
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX038506.D
Acq: 26 Oct 2023 08:16

Tgt Ion:114 Resp: 308042
Ion Ratio Lower Upper
114 100
63 18.3 0.0 45.0
88 15.1 0.0 36.6

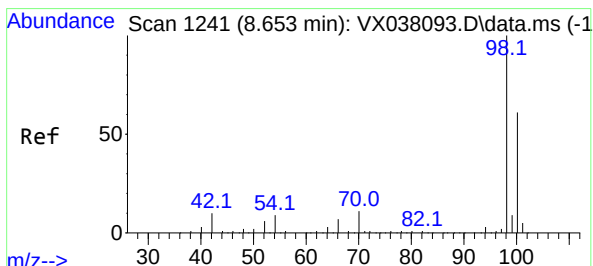
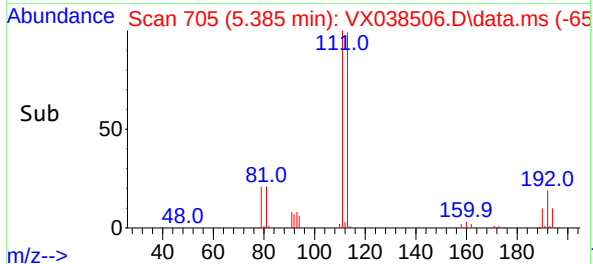
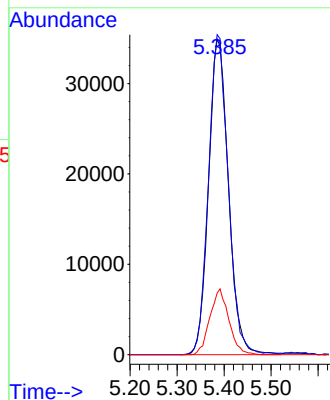
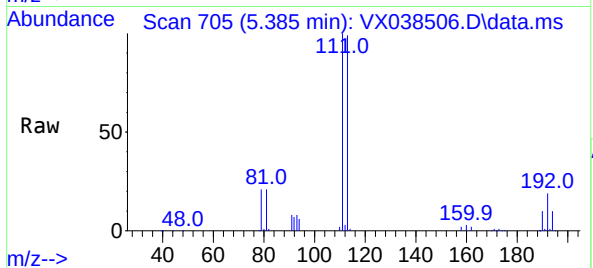




#35
Dibromofluoromethane
Concen: 46.231 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038506.D
Acq: 26 Oct 2023 08:16

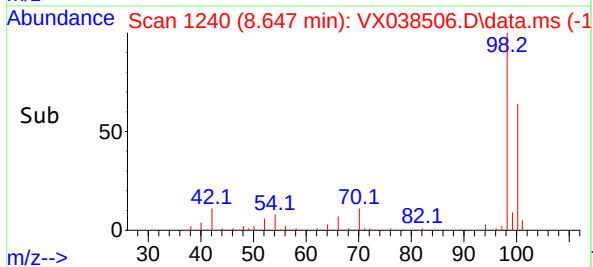
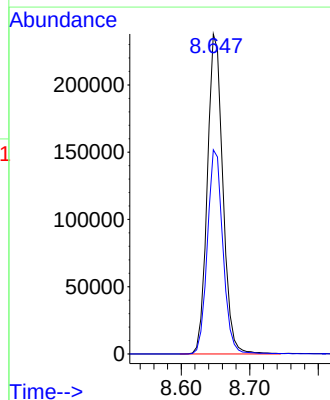
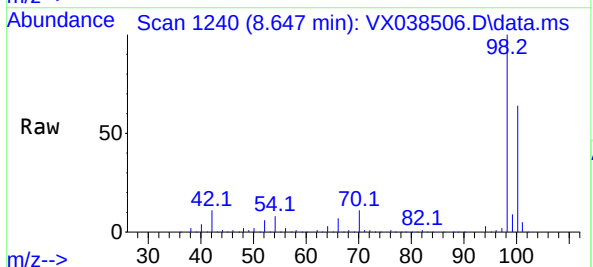
Instrument :
MSVOA_X
ClientSampleId :
B5

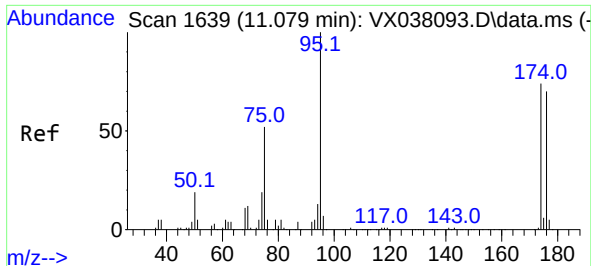
Tgt Ion:113 Resp: 102616
Ion Ratio Lower Upper
113 100
111 100.5 82.9 124.3
192 19.9 13.3 19.9



#50
Toluene-d8
Concen: 44.138 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038506.D
Acq: 26 Oct 2023 08:16

Tgt Ion: 98 Resp: 374366
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7

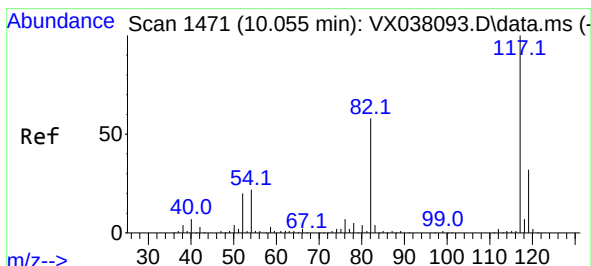
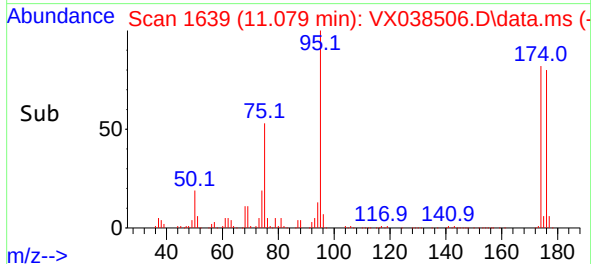
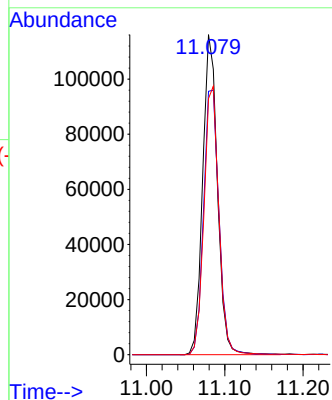
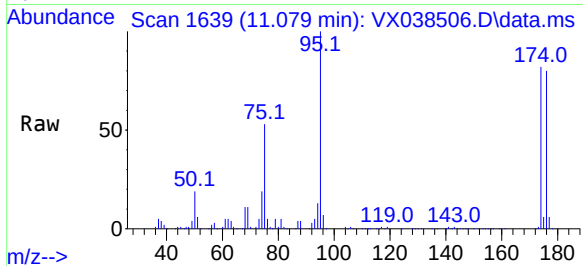




#62
4-Bromofluorobenzene
Concen: 47.151 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038506.D
Acq: 26 Oct 2023 08:16

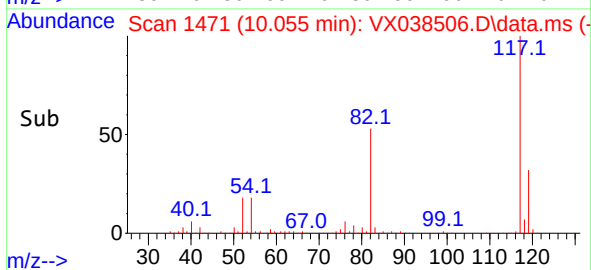
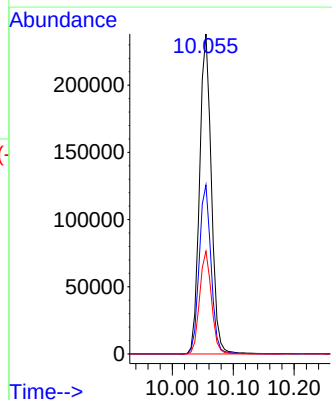
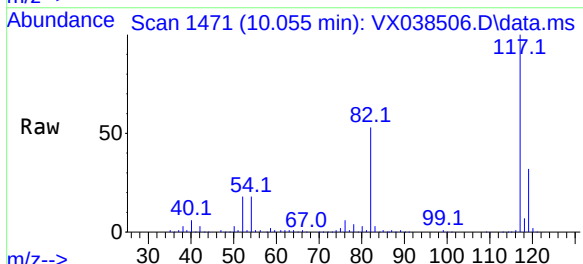
Instrument :
MSVOA_X
ClientSampleId :
B5

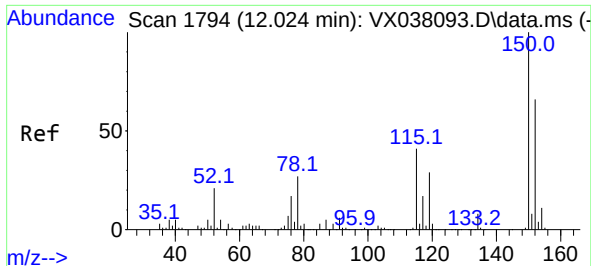
Tgt Ion: 95 Resp: 151615
Ion Ratio Lower Upper
95 100
174 86.3 0.0 135.6
176 84.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038506.D
Acq: 26 Oct 2023 08:16

Tgt Ion: 117 Resp: 320660
Ion Ratio Lower Upper
117 100
82 52.8 46.2 69.4
119 32.1 25.5 38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038506.D
Acq: 26 Oct 2023 08:16

Instrument :
MSVOA_X
ClientSampleId :
B5

Tgt Ion:152 Resp: 181333
Ion Ratio Lower Upper
152 100
115 58.6 43.3 129.9
150 157.3 0.0 345.0

