

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038504.D
 Acq On : 26 Oct 2023 07:30
 Operator : JC/MD
 Sample : 05049-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B2

Quant Time: Oct 26 08:40:10 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)

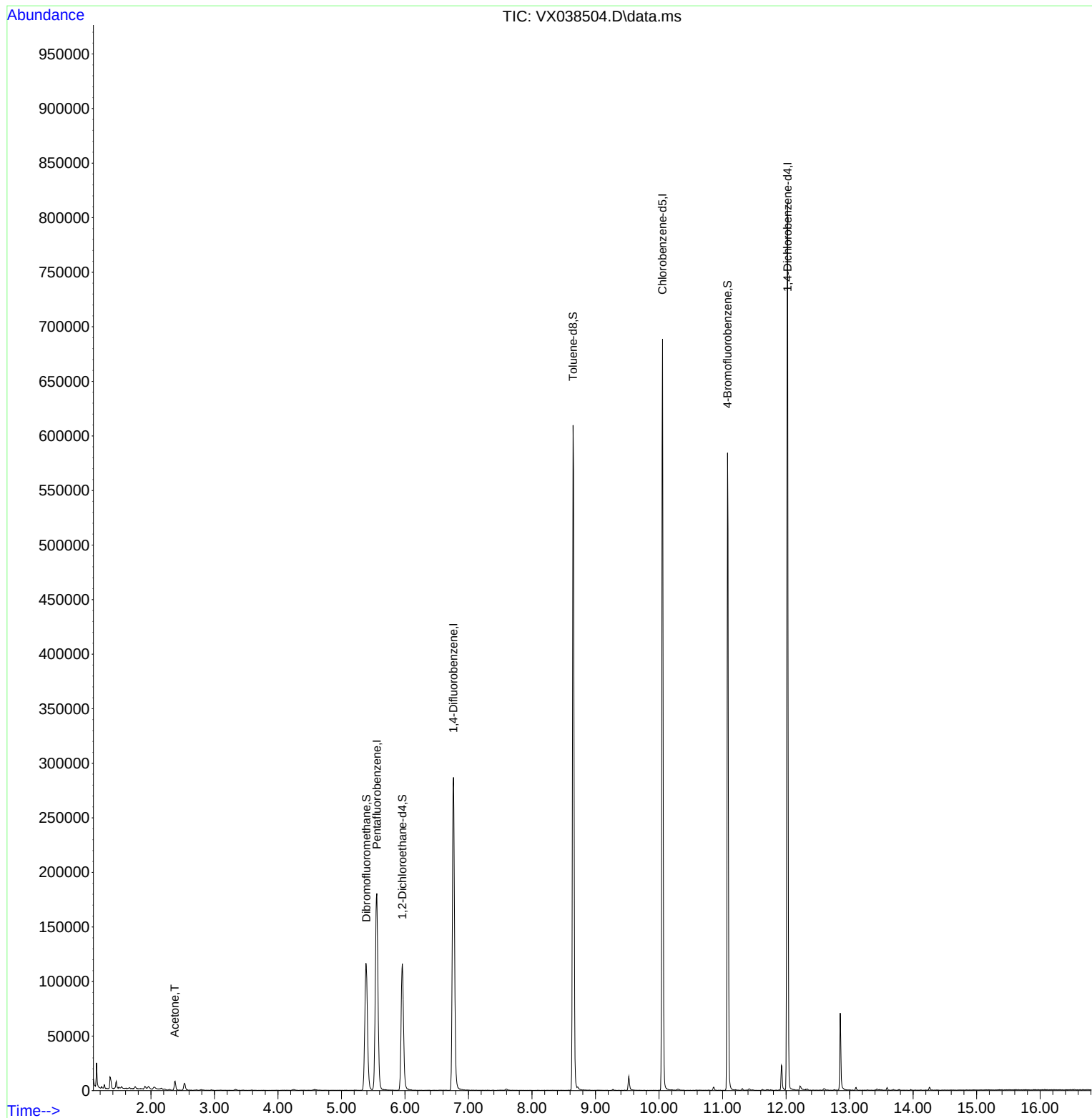
Internal Standards						
1) Pentafluorobenzene	5.556	168	180723	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	311994	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	321211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	112034	38.542	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	77.080%#
35) Dibromofluoromethane	5.391	113	101950	45.349	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.700%
50) Toluene-d8	8.647	98	378832	44.098	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.200%#
62) 4-Bromofluorobenzene	11.079	95	149891	46.024	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.040%
Target Compounds						
16) Acetone	2.374	43	8924	7.356	ug/l	Qvalue 97

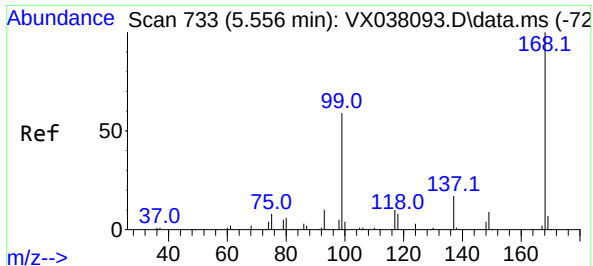
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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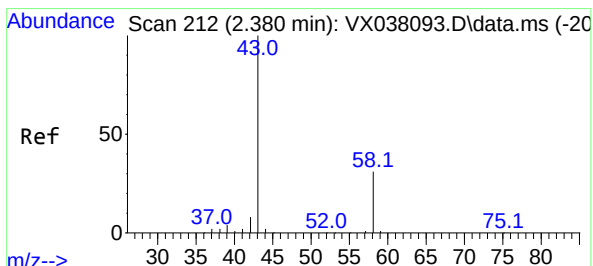
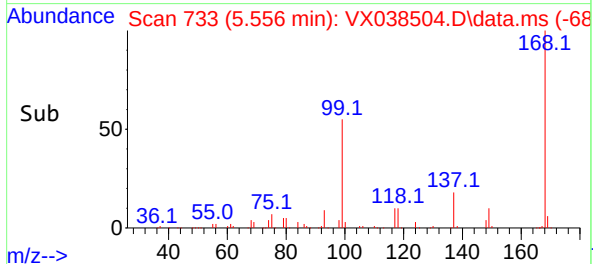
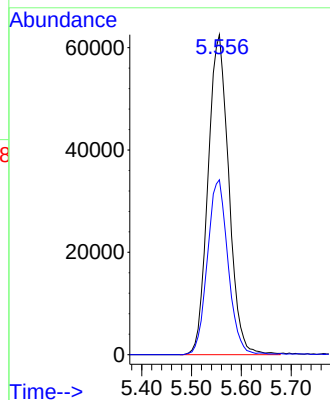
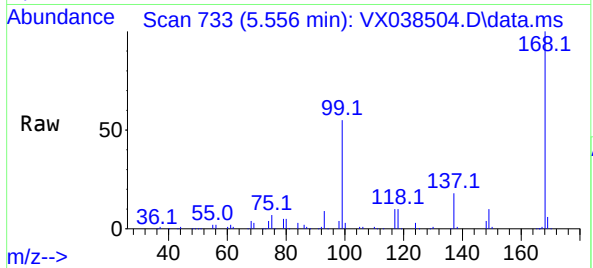




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038504.D
Acq: 26 Oct 2023 07:30

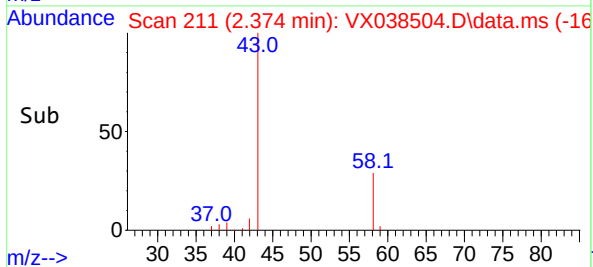
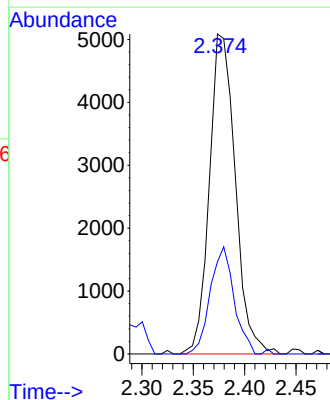
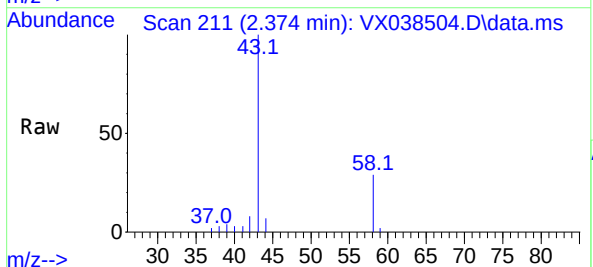
Instrument :
MSVOA_X
ClientSampleId :
B2

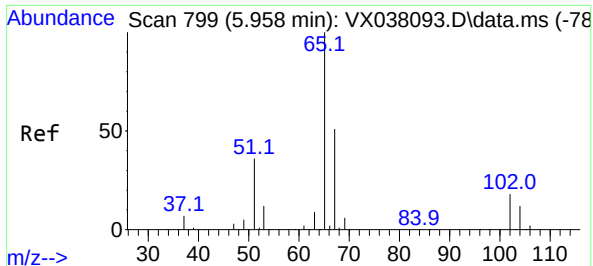
Tgt Ion:168 Resp: 180723
Ion Ratio Lower Upper
168 100
99 54.6 56.6 85.0#



#16
Acetone
Concen: 7.356 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038504.D
Acq: 26 Oct 2023 07:30

Tgt Ion: 43 Resp: 8924
Ion Ratio Lower Upper
43 100
58 28.8 21.9 32.9

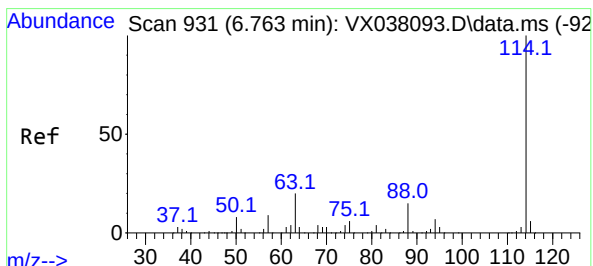
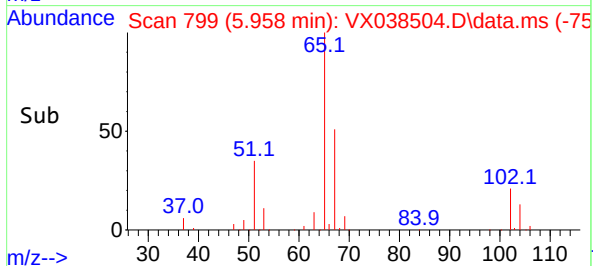
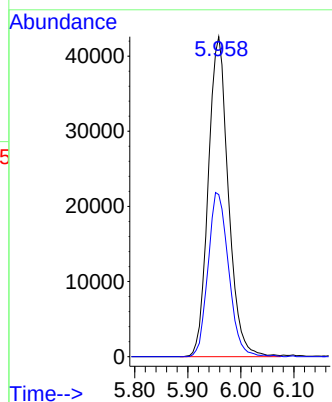
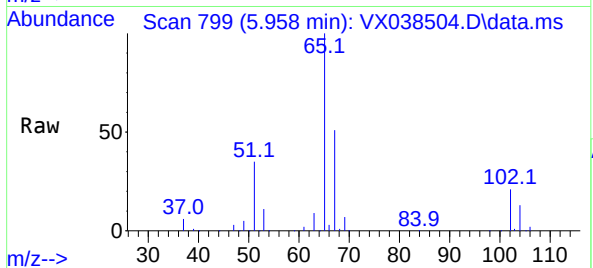




#33
1,2-Dichloroethane-d4
Concen: 38.542 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038504.D
Acq: 26 Oct 2023 07:30

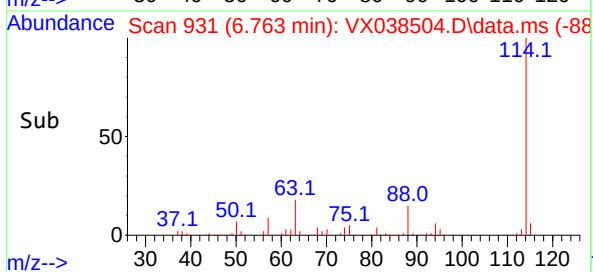
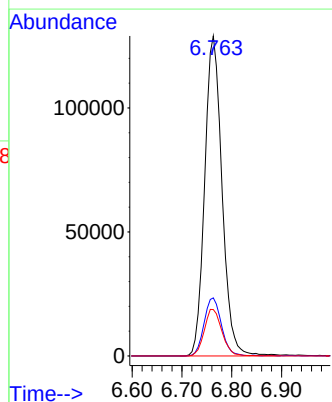
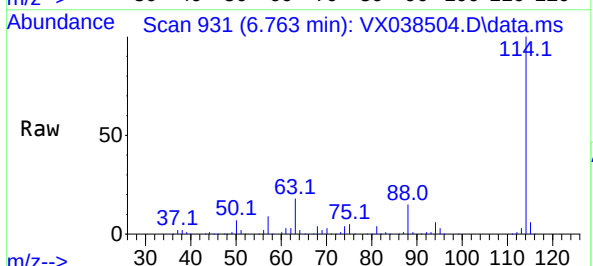
Instrument :
MSVOA_X
ClientSampleId :
B2

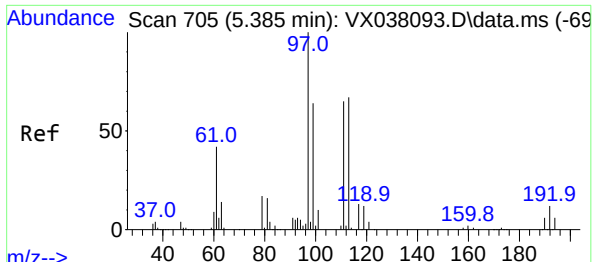
Tgt Ion: 65 Resp: 112034
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX038504.D
Acq: 26 Oct 2023 07:30

Tgt Ion: 114 Resp: 311994
Ion Ratio Lower Upper
114 100
63 18.2 0.0 45.0
88 14.5 0.0 36.6

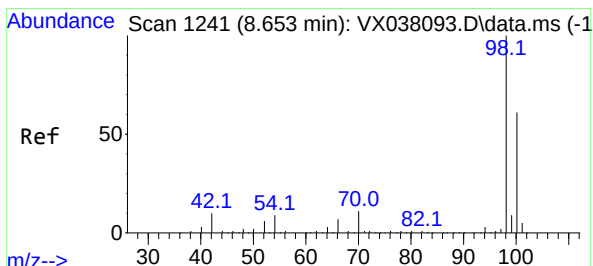
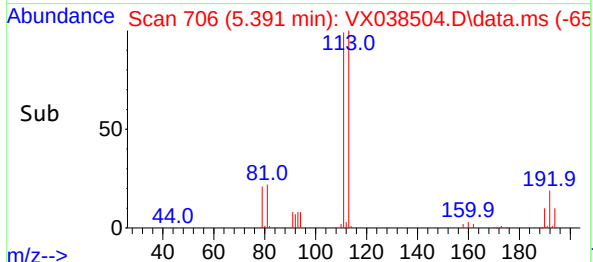
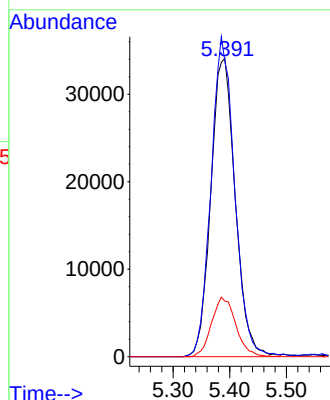
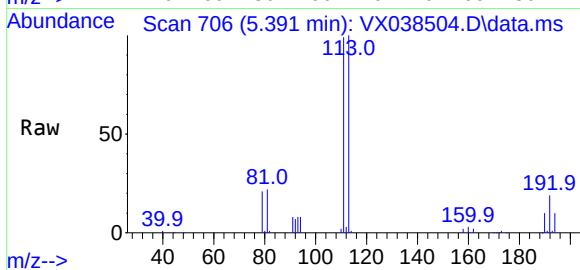




#35
Dibromofluoromethane
Concen: 45.349 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038504.D
Acq: 26 Oct 2023 07:30

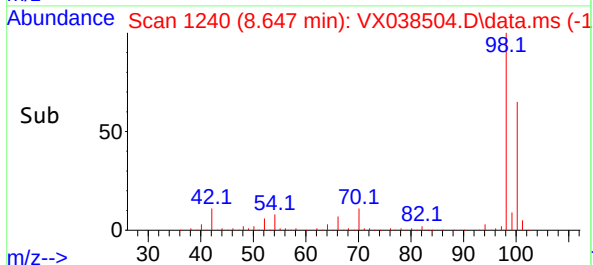
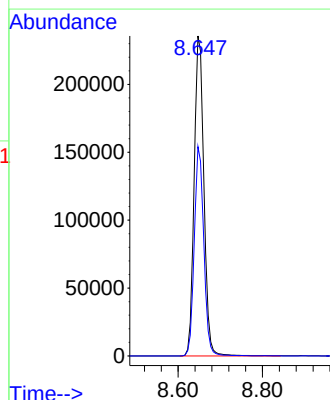
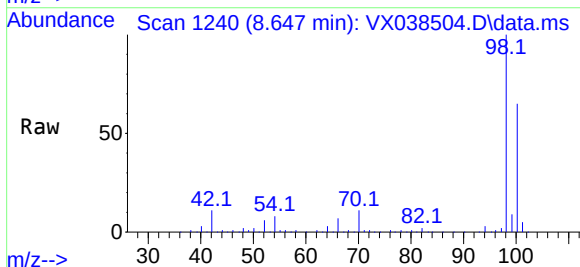
Instrument :
MSVOA_X
ClientSampleId :
B2

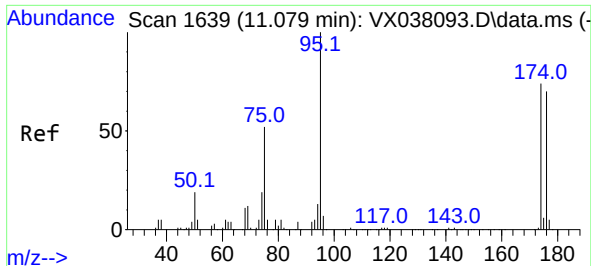
Tgt Ion:113 Resp: 101950
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 19.8 13.3 19.9



#50
Toluene-d8
Concen: 44.098 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038504.D
Acq: 26 Oct 2023 07:30

Tgt Ion: 98 Resp: 378832
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

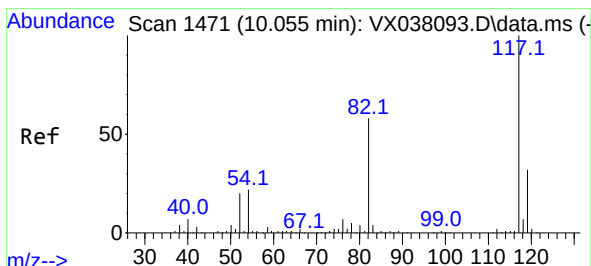
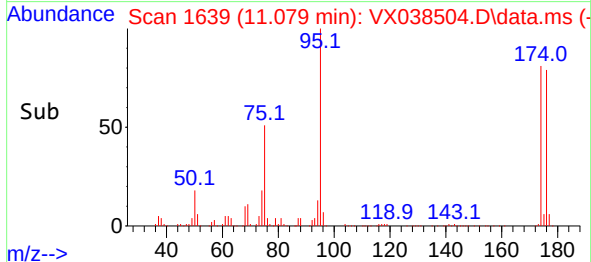
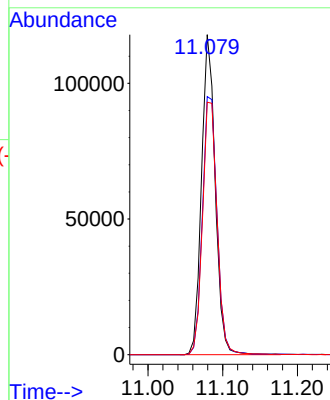
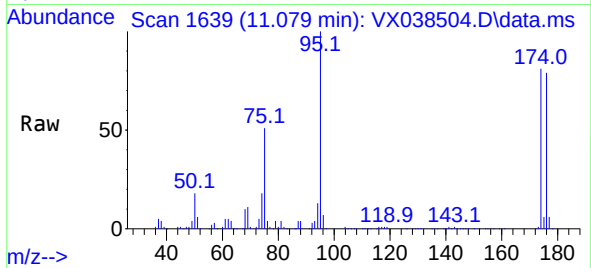




#62
4-Bromofluorobenzene
Concen: 46.024 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038504.D
Acq: 26 Oct 2023 07:30

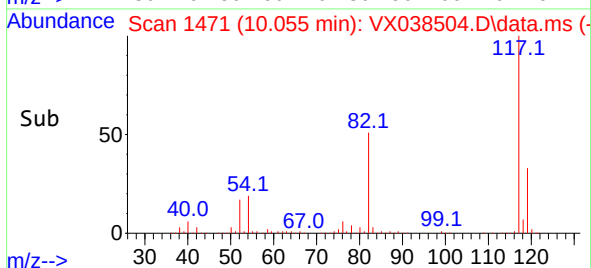
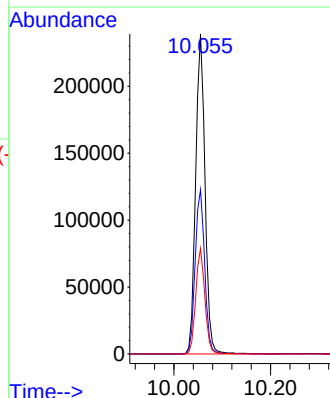
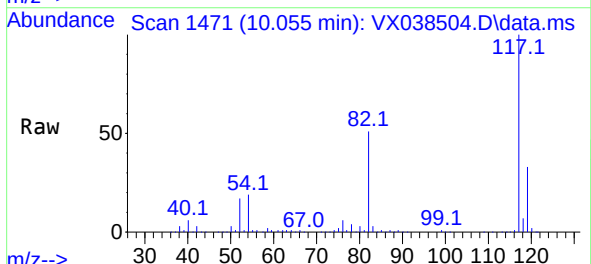
Instrument :
MSVOA_X
ClientSampleId :
B2

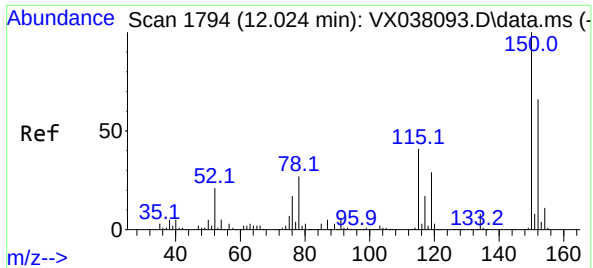
Tgt Ion: 95 Resp: 149891
Ion Ratio Lower Upper
95 100
174 86.0 0.0 135.6
176 84.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038504.D
Acq: 26 Oct 2023 07:30

Tgt Ion: 117 Resp: 321211
Ion Ratio Lower Upper
117 100
82 51.4 46.2 69.4
119 33.0 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: VX038504.D
 Acq: 26 Oct 2023 07:30

Instrument :
 MSVOA_X
 ClientSampleId :
 B2

Tgt Ion:152 Resp: 178161
 Ion Ratio Lower Upper
 152 100
 115 58.1 43.3 129.9
 150 155.8 0.0 345.0

