

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038505.D
 Acq On : 26 Oct 2023 07:53
 Operator : JC/MD
 Sample : 05049-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B4

Quant Time: Oct 26 08:40:32 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)

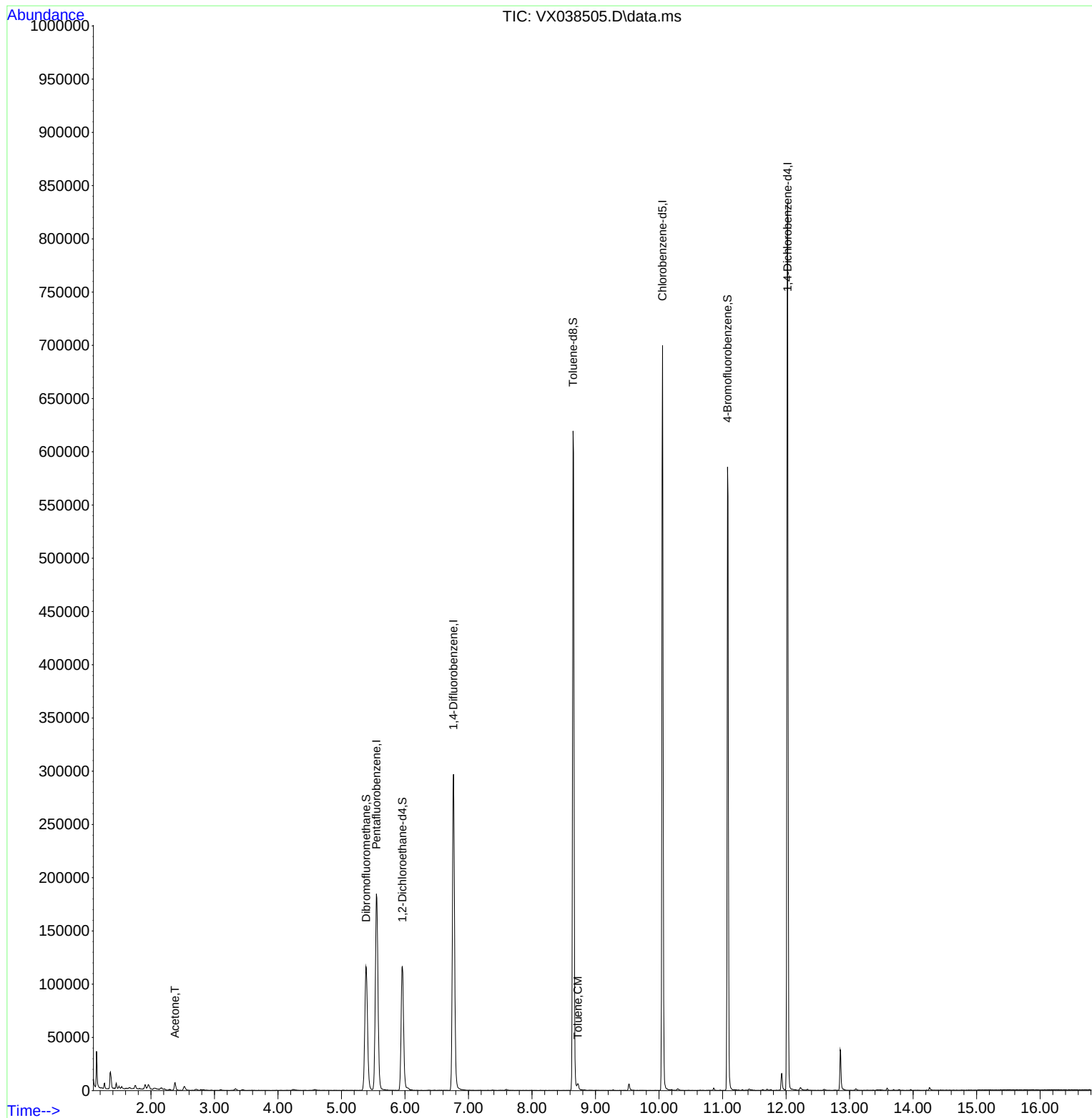
Internal Standards						
1) Pentafluorobenzene	5.549	168	184533	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	318559	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	326175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	181853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	113671	38.298	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	76.600%#
35) Dibromofluoromethane	5.385	113	103024	44.882	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.760%
50) Toluene-d8	8.646	98	384838	43.874	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.740%#
62) 4-Bromofluorobenzene	11.079	95	151935	45.690	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.380%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	7317	5.907	ug/l	# 86
52) Toluene	8.720	92	2355	0.408	ug/l	96

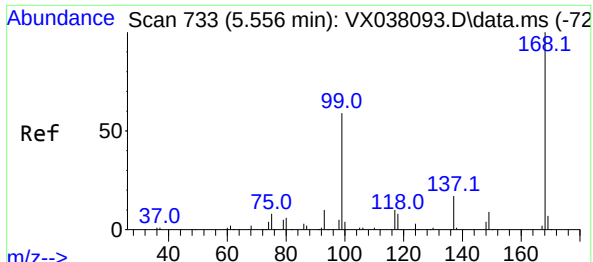
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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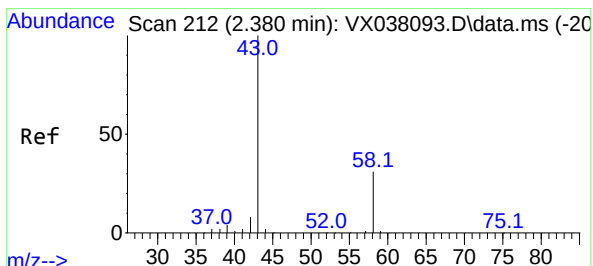
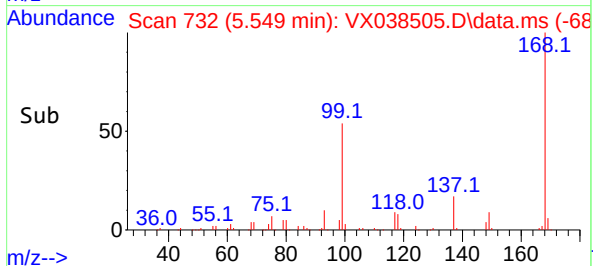
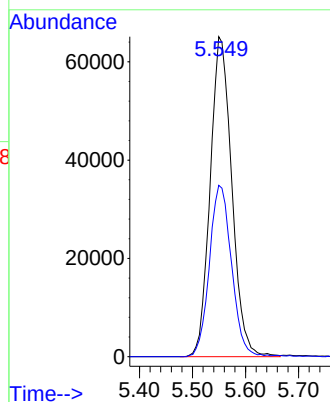
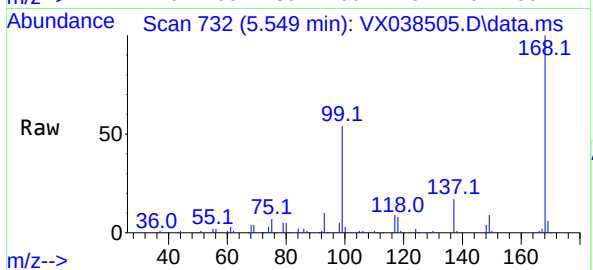




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX038505.D
Acq: 26 Oct 2023 07:53

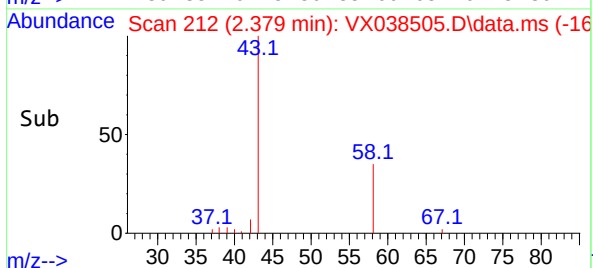
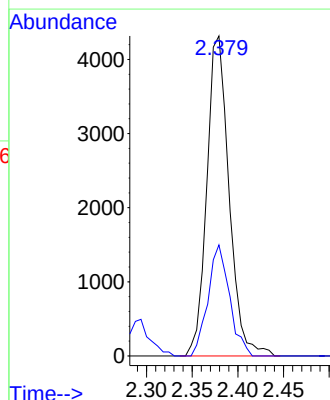
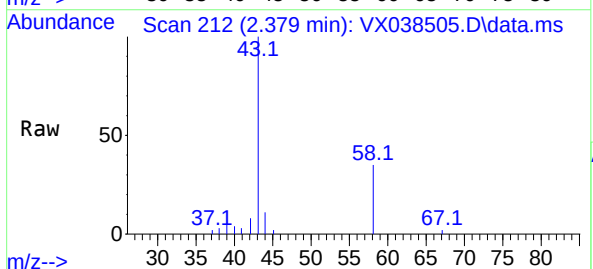
Instrument :
MSVOA_X
ClientSampleId :
B4

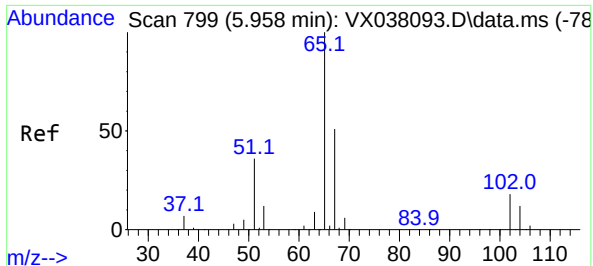
Tgt Ion:168 Resp: 184533
Ion Ratio Lower Upper
168 100
99 53.6 56.6 85.0#



#16
Acetone
Concen: 5.907 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038505.D
Acq: 26 Oct 2023 07:53

Tgt Ion: 43 Resp: 7317
Ion Ratio Lower Upper
43 100
58 34.7 21.9 32.9#

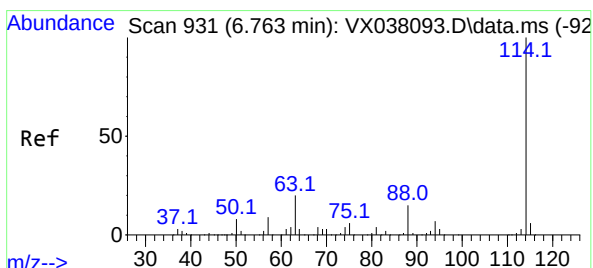
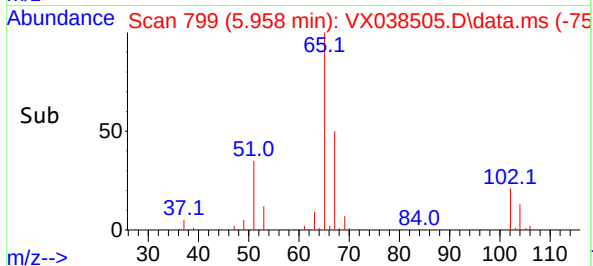
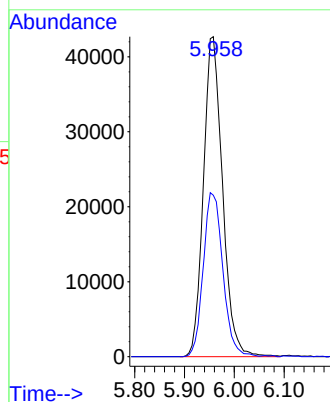
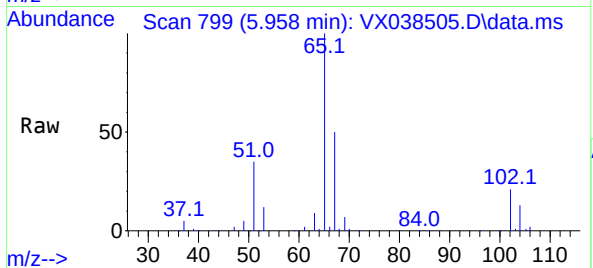




#33
1,2-Dichloroethane-d4
Concen: 38.298 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX038505.D
Acq: 26 Oct 2023 07:53

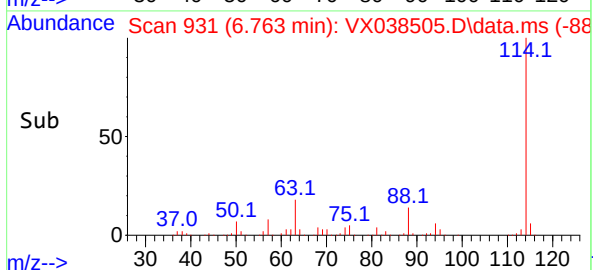
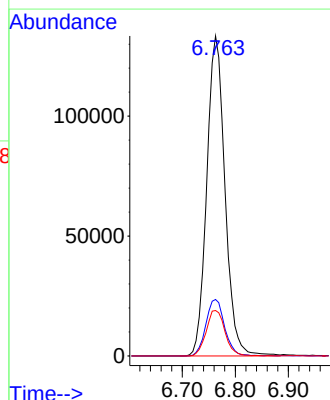
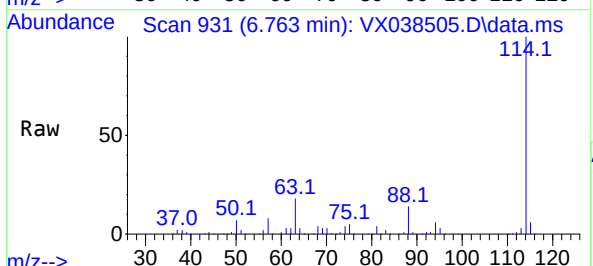
Instrument :
MSVOA_X
ClientSampleId :
B4

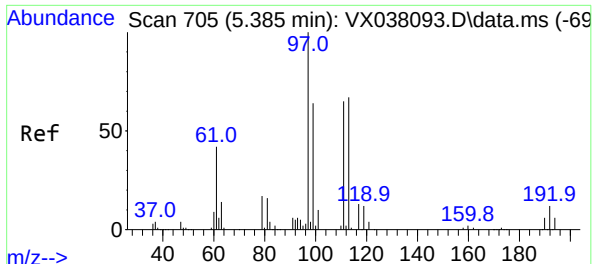
Tgt Ion: 65 Resp: 113671
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX038505.D
Acq: 26 Oct 2023 07:53

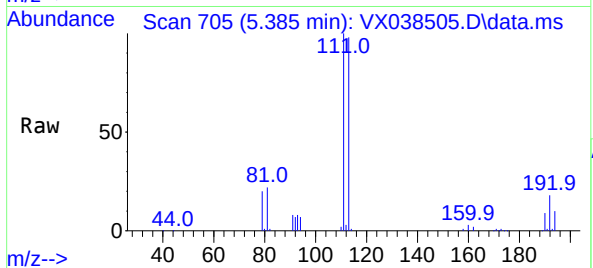
Tgt Ion: 114 Resp: 318559
Ion Ratio Lower Upper
114 100
63 17.6 0.0 45.0
88 14.2 0.0 36.6



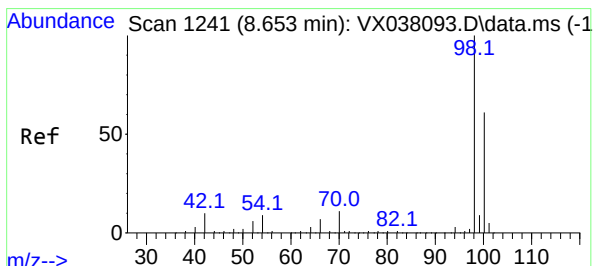
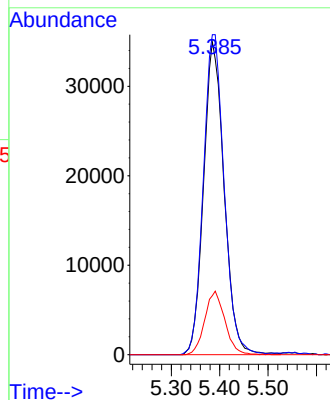
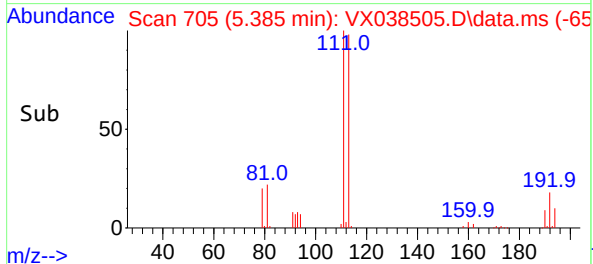


#35
Dibromofluoromethane
Concen: 44.882 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038505.D
Acq: 26 Oct 2023 07:53

Instrument :
MSVOA_X
ClientSampleId :
B4

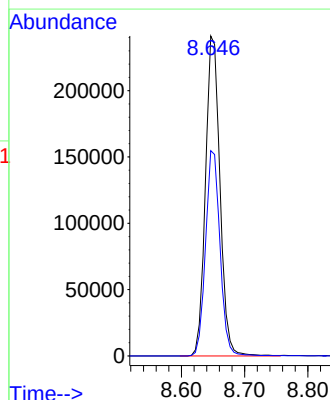
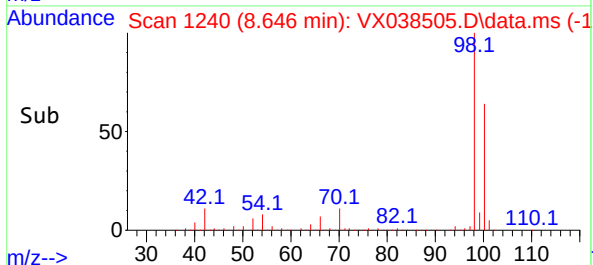
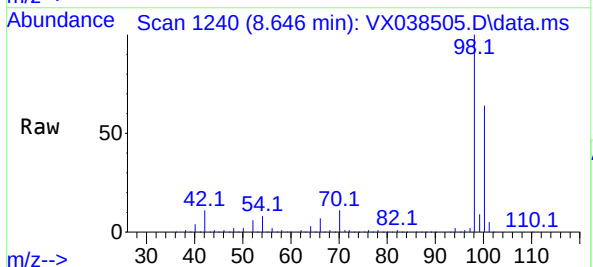


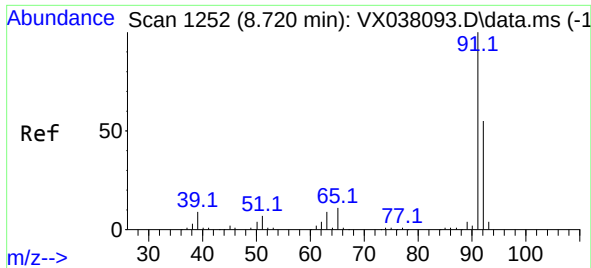
Tgt Ion:113 Resp: 103024
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 19.9 13.3 19.9



#50
Toluene-d8
Concen: 43.874 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.007 min
Lab File: VX038505.D
Acq: 26 Oct 2023 07:53

Tgt Ion: 98 Resp: 384838
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

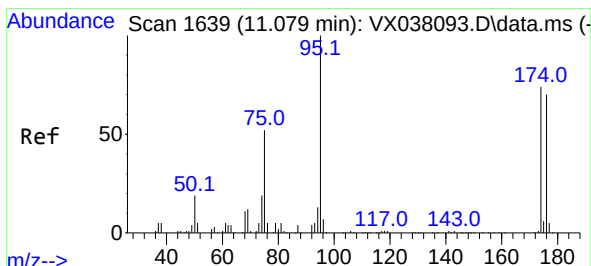
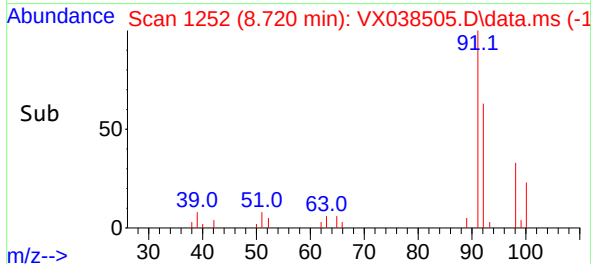
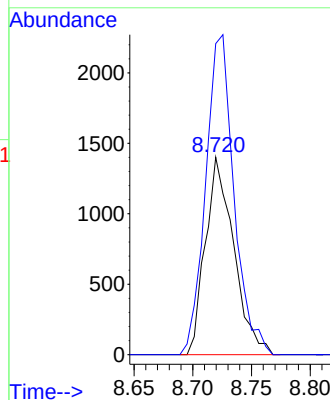
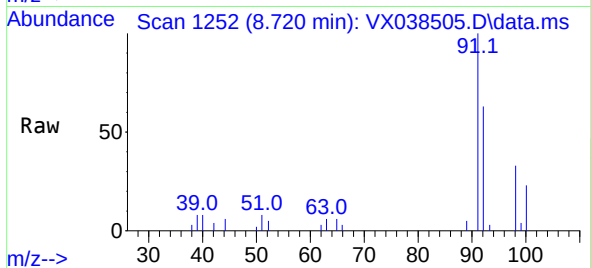




#52
Toluene
Concen: 0.408 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038505.D
Acq: 26 Oct 2023 07:53

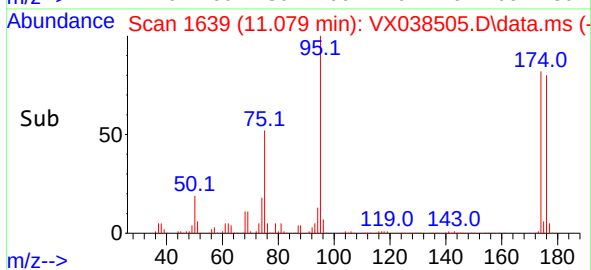
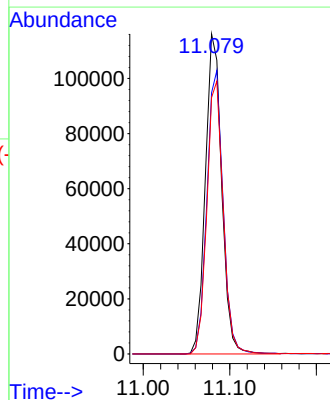
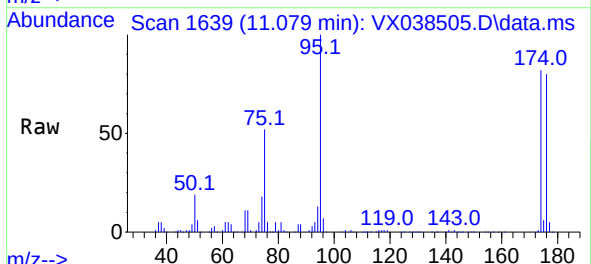
Instrument :
MSVOA_X
ClientSampleId :
B4

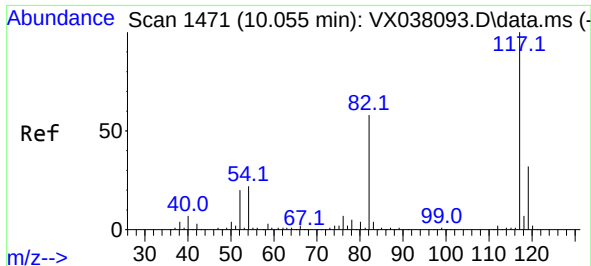
Tgt Ion: 92 Resp: 2355
Ion Ratio Lower Upper
92 100
91 162.0 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 45.690 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038505.D
Acq: 26 Oct 2023 07:53

Tgt Ion: 95 Resp: 151935
Ion Ratio Lower Upper
95 100
174 88.3 0.0 135.6
176 85.3 0.0 131.0

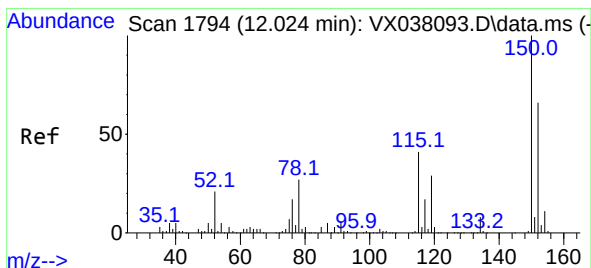
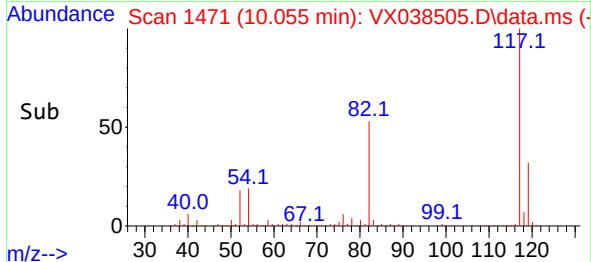
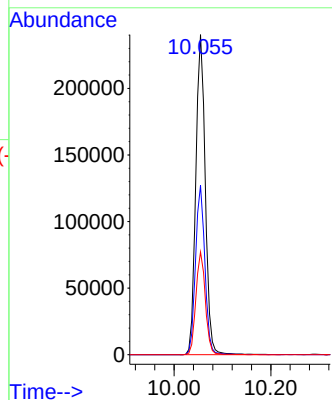
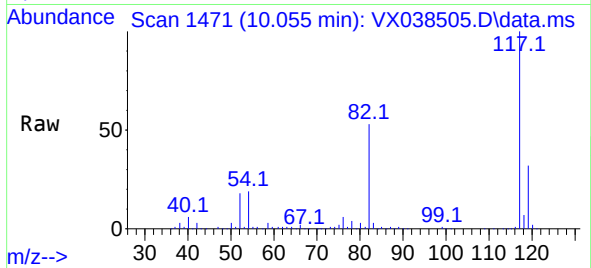




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038505.D
Acq: 26 Oct 2023 07:53

Instrument :
MSVOA_X
ClientSampleId :
B4

Tgt Ion:117 Resp: 326175
Ion Ratio Lower Upper
117 100
82 52.9 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# 1794
Delta R.T. -0.000 min
Lab File: VX038505.D
Acq: 26 Oct 2023 07:53

Tgt Ion:152 Resp: 181853
Ion Ratio Lower Upper
152 100
115 58.1 43.3 129.9
150 156.0 0.0 345.0

