

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
 Data File : VX042122.D
 Acq On : 01 Jul 2024 18:15
 Operator : JC/MD
 Sample : P3106-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S-1

Quant Time: Jul 02 02:10:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

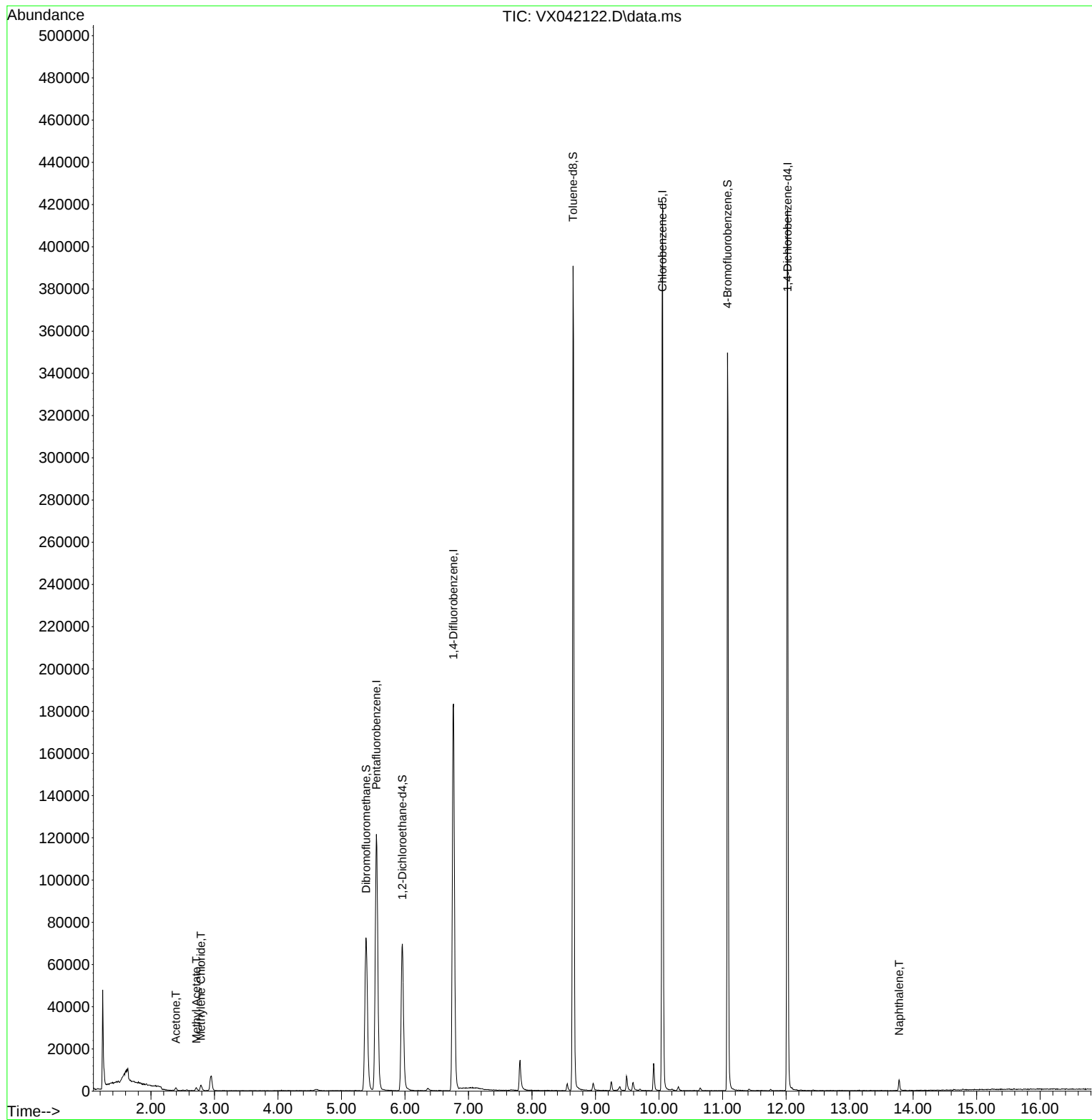
Internal Standards						
1) Pentafluorobenzene	5.549	168	134887	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	209393	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67273	43.251	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.500%
35) Dibromofluoromethane	5.385	113	65035	43.772	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.540%
50) Toluene-d8	8.646	98	243400	46.632	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.260%
62) 4-Bromofluorobenzene	11.079	95	92725	48.193	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.380%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	1473	2.157	ug/l #	88
18) Methyl Acetate	2.715	43	2047	1.099	ug/l	96
20) Methylene Chloride	2.788	84	1490	0.996	ug/l #	75
95) Naphthalene	13.780	128	4617	1.364	ug/l	96

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

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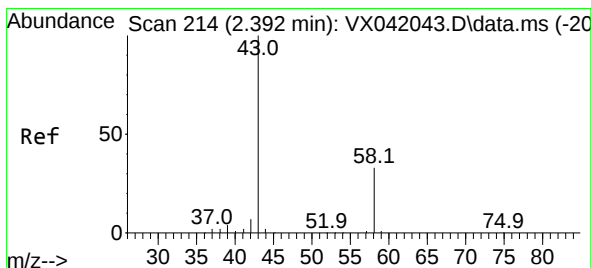
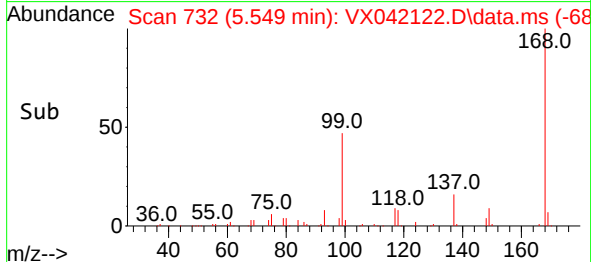
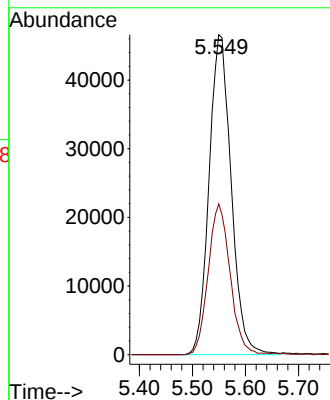
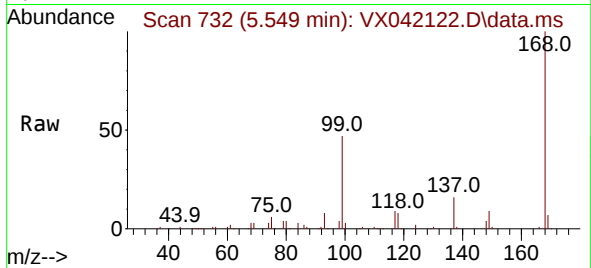




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX042122.D
Acq: 01 Jul 2024 18:15

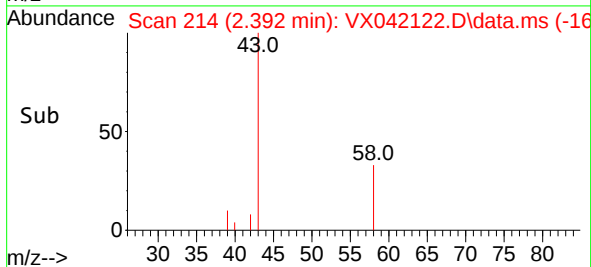
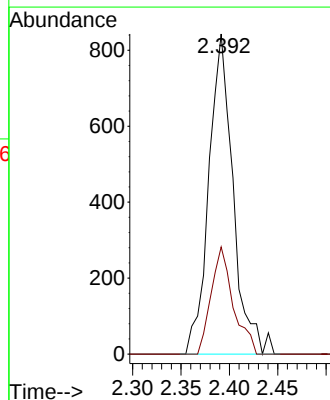
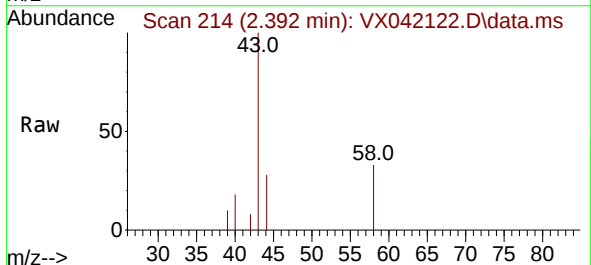
Instrument :
MSVOA_X
ClientSampleId :
S-1

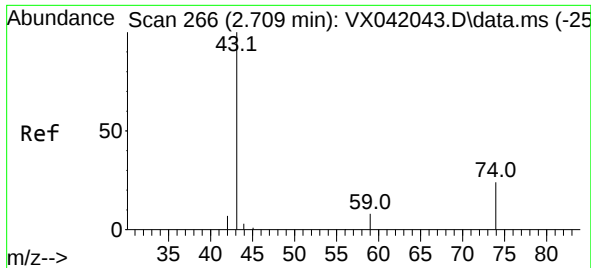
Tgt Ion:168 Resp: 134887
Ion Ratio Lower Upper
168 100
99 47.1 56.6 85.0#



#16
Acetone
Concen: 2.157 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042122.D
Acq: 01 Jul 2024 18:15

Tgt Ion: 43 Resp: 1473
Ion Ratio Lower Upper
43 100
58 33.5 21.9 32.9#

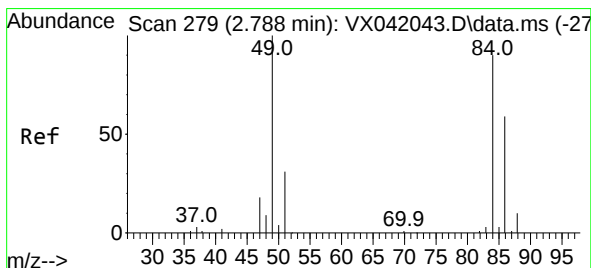
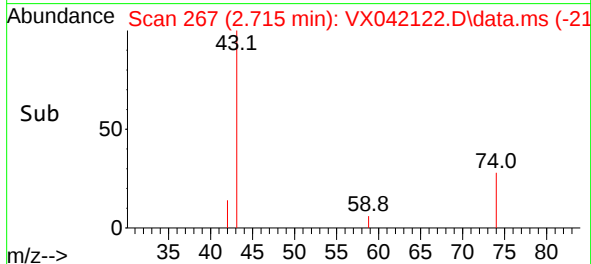
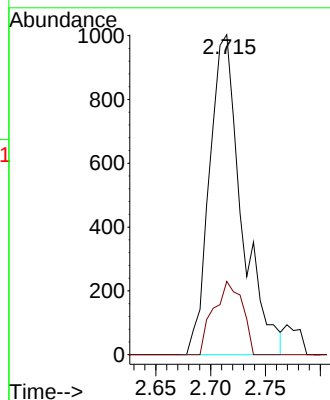
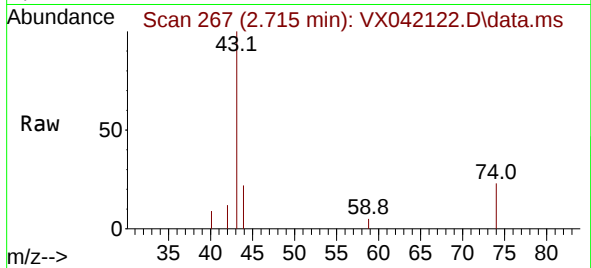




#18
Methyl Acetate
Concen: 1.099 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX042122.D
Acq: 01 Jul 2024 18:15

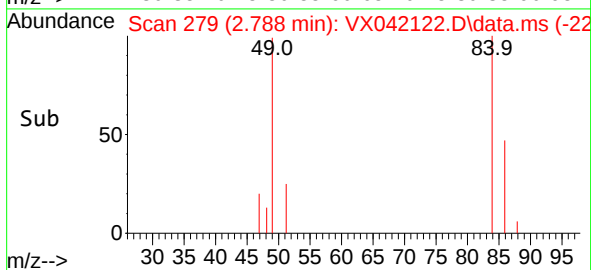
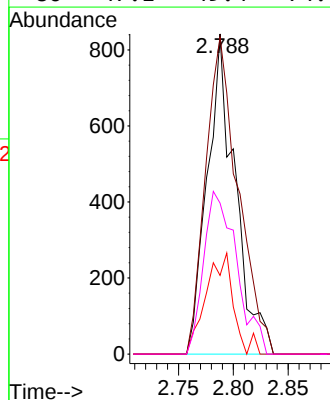
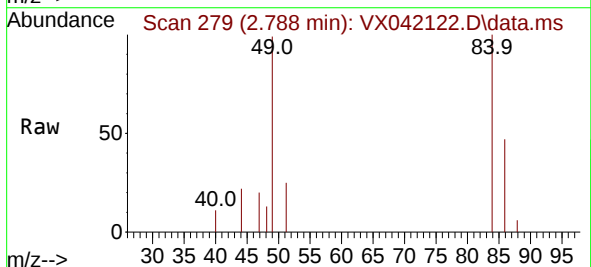
Instrument :
MSVOA_X
ClientSampleId :
S-1

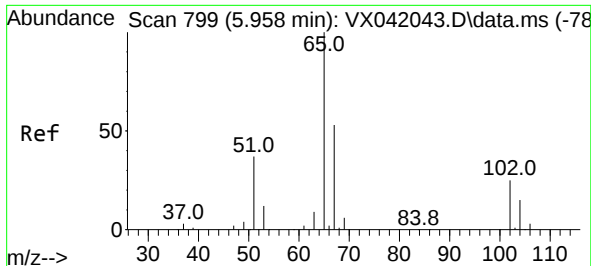
Tgt Ion: 43 Resp: 2047
Ion Ratio Lower Upper
43 100
74 20.4 17.8 26.8



#20
Methylene Chloride
Concen: 0.996 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042122.D
Acq: 01 Jul 2024 18:15

Tgt Ion: 84 Resp: 1490
Ion Ratio Lower Upper
84 100
49 99.0 103.6 155.4#
51 24.6 33.8 50.6#
86 47.1 49.4 74.0#

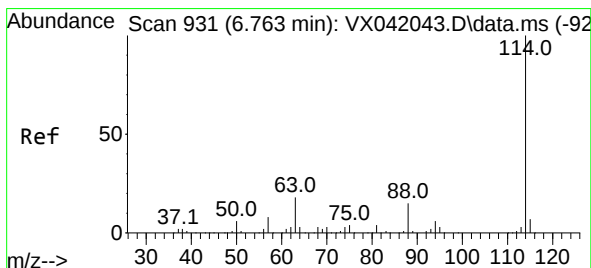
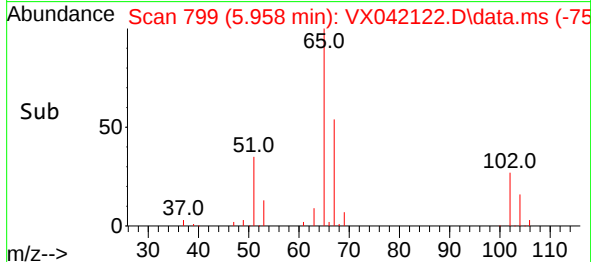
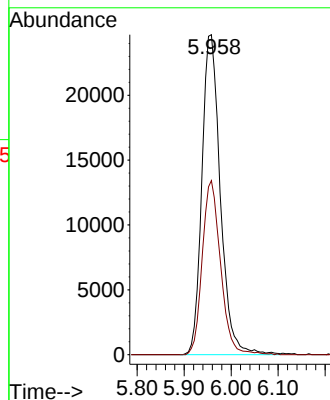
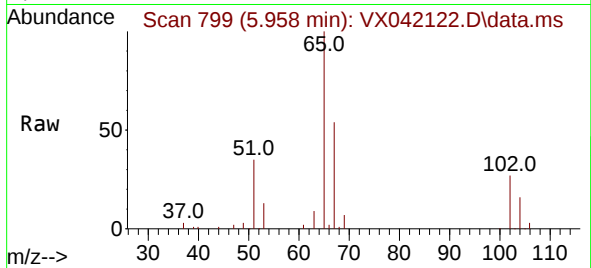




#33
 1,2-Dichloroethane-d4
 Concen: 43.251 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX042122.D
 Acq: 01 Jul 2024 18:15

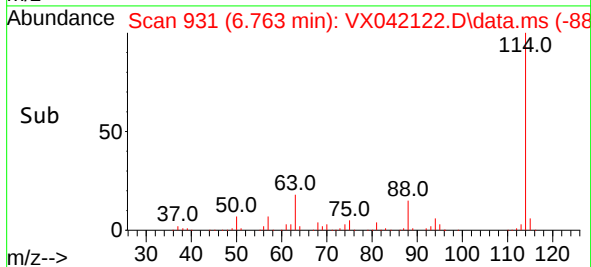
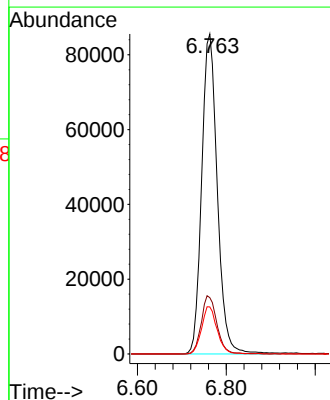
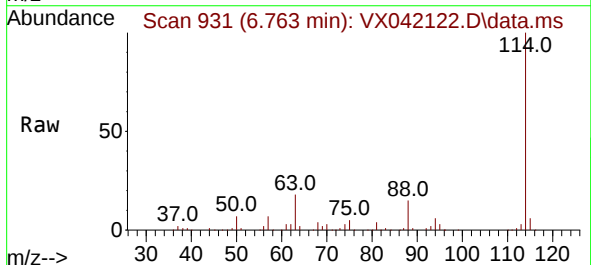
Instrument :
 MSVOA_X
 ClientSampleId :
 S-1

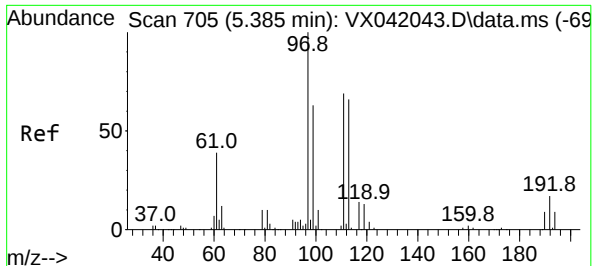
Tgt Ion: 65 Resp: 67273
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX042122.D
 Acq: 01 Jul 2024 18:15

Tgt Ion: 114 Resp: 209393
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 45.0
 88 14.7 0.0 36.6

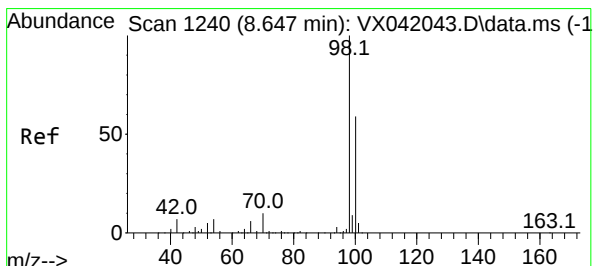
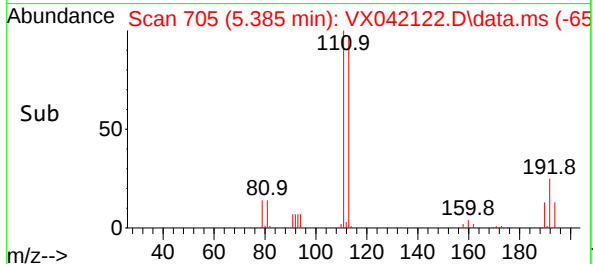
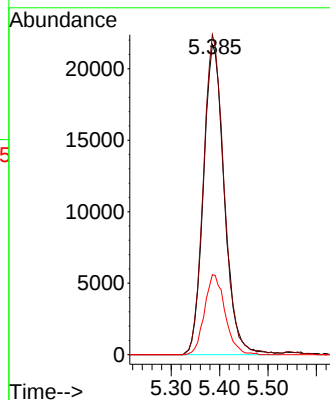
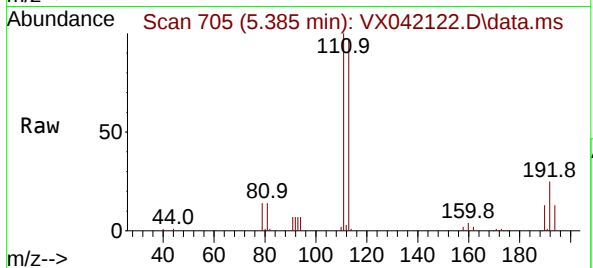




#35
Dibromofluoromethane
Concen: 43.772 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042122.D
Acq: 01 Jul 2024 18:15

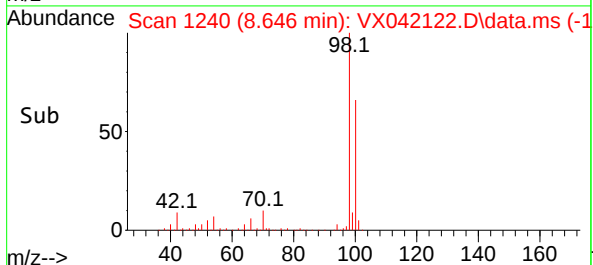
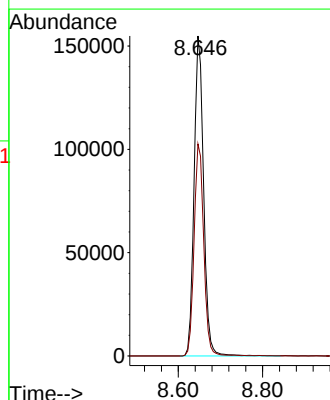
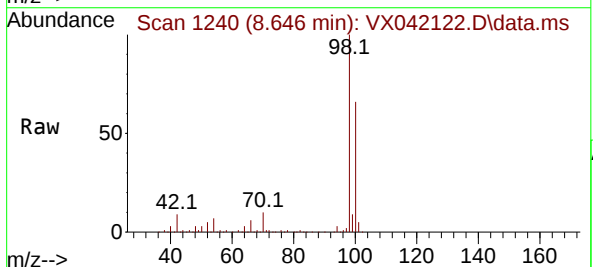
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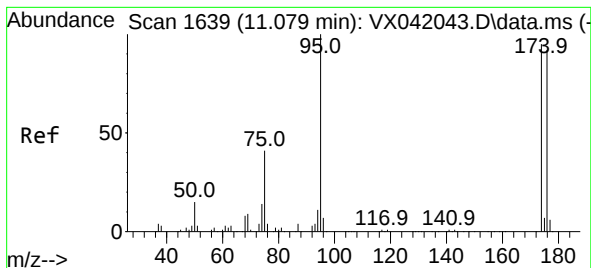
Tgt Ion:113 Resp: 65035
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 25.4 13.3 19.9#



#50
Toluene-d8
Concen: 46.632 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042122.D
Acq: 01 Jul 2024 18:15

Tgt Ion: 98 Resp: 243400
Ion Ratio Lower Upper
98 100
100 67.3 53.1 79.7

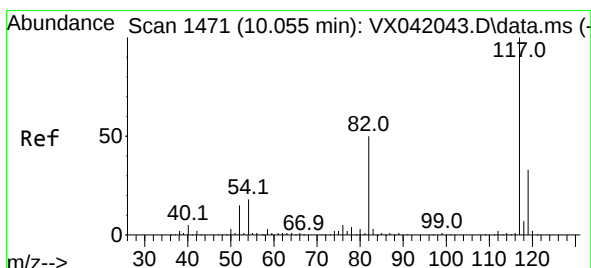
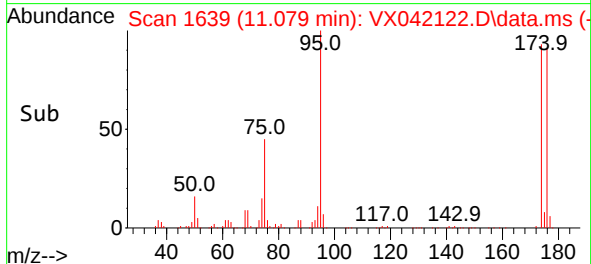
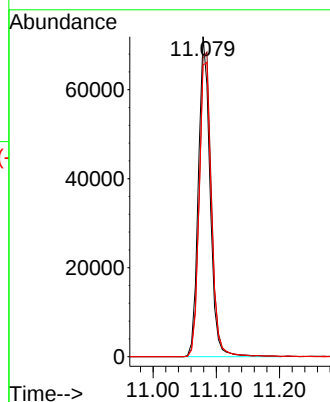
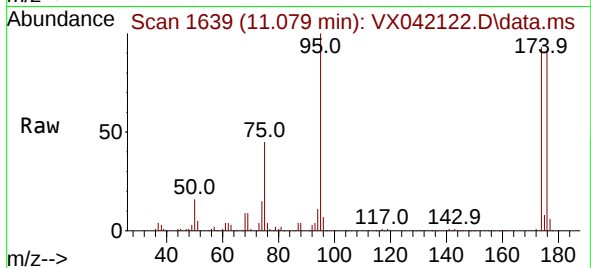




#62
4-Bromofluorobenzene
Concen: 48.193 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042122.D
Acq: 01 Jul 2024 18:15

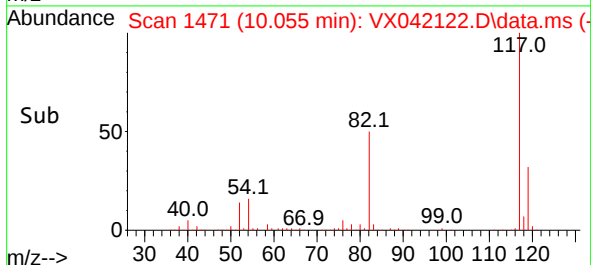
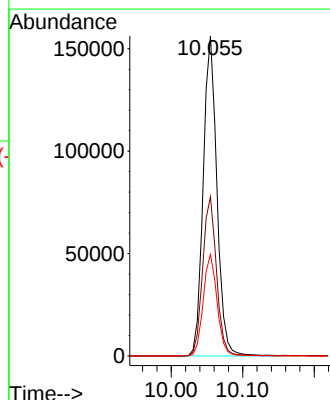
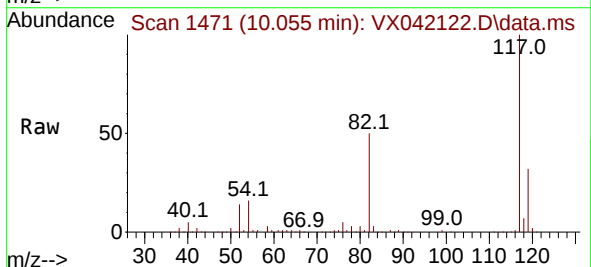
Instrument :
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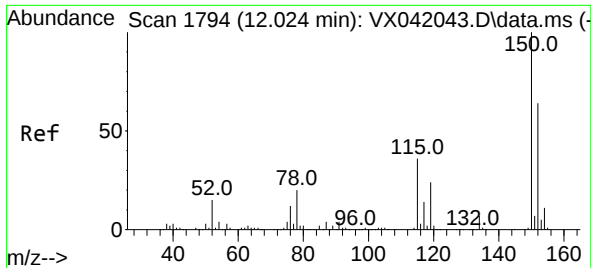
Tgt Ion: 95 Resp: 92725
Ion Ratio Lower Upper
95 100
174 99.7 0.0 135.6
176 96.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042122.D
Acq: 01 Jul 2024 18:15

Tgt Ion: 117 Resp: 208452
Ion Ratio Lower Upper
117 100
82 49.8 46.2 69.4
119 31.7 25.5 38.3

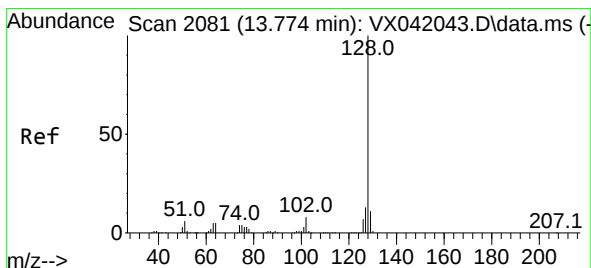
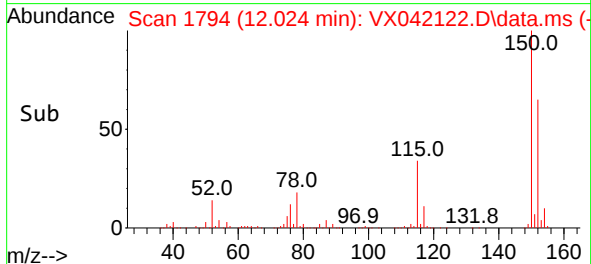
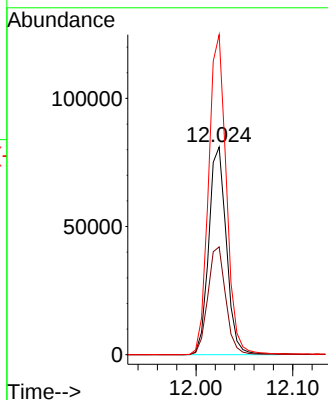
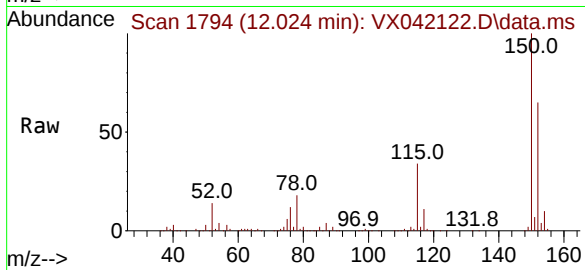




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX042122.D
Acq: 01 Jul 2024 18:15

Instrument :
MSVOA_X
ClientSampleId :
S-1

Tgt Ion:152 Resp: 102970
Ion Ratio Lower Upper
152 100
115 53.1 43.3 129.9
150 156.1 0.0 345.0



#95
Naphthalene
Concen: 1.364 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042122.D
Acq: 01 Jul 2024 18:15

Tgt Ion:128 Resp: 4617
Ion Ratio Lower Upper
128 100
127 11.4 10.3 15.5
129 9.2 8.8 13.2

