

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034521.D
 Acq On : 15 Mar 2023 20:17
 Operator : JC/MD
 Sample : 01903-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01D1-20230312

Quant Time: Mar 16 05:24:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

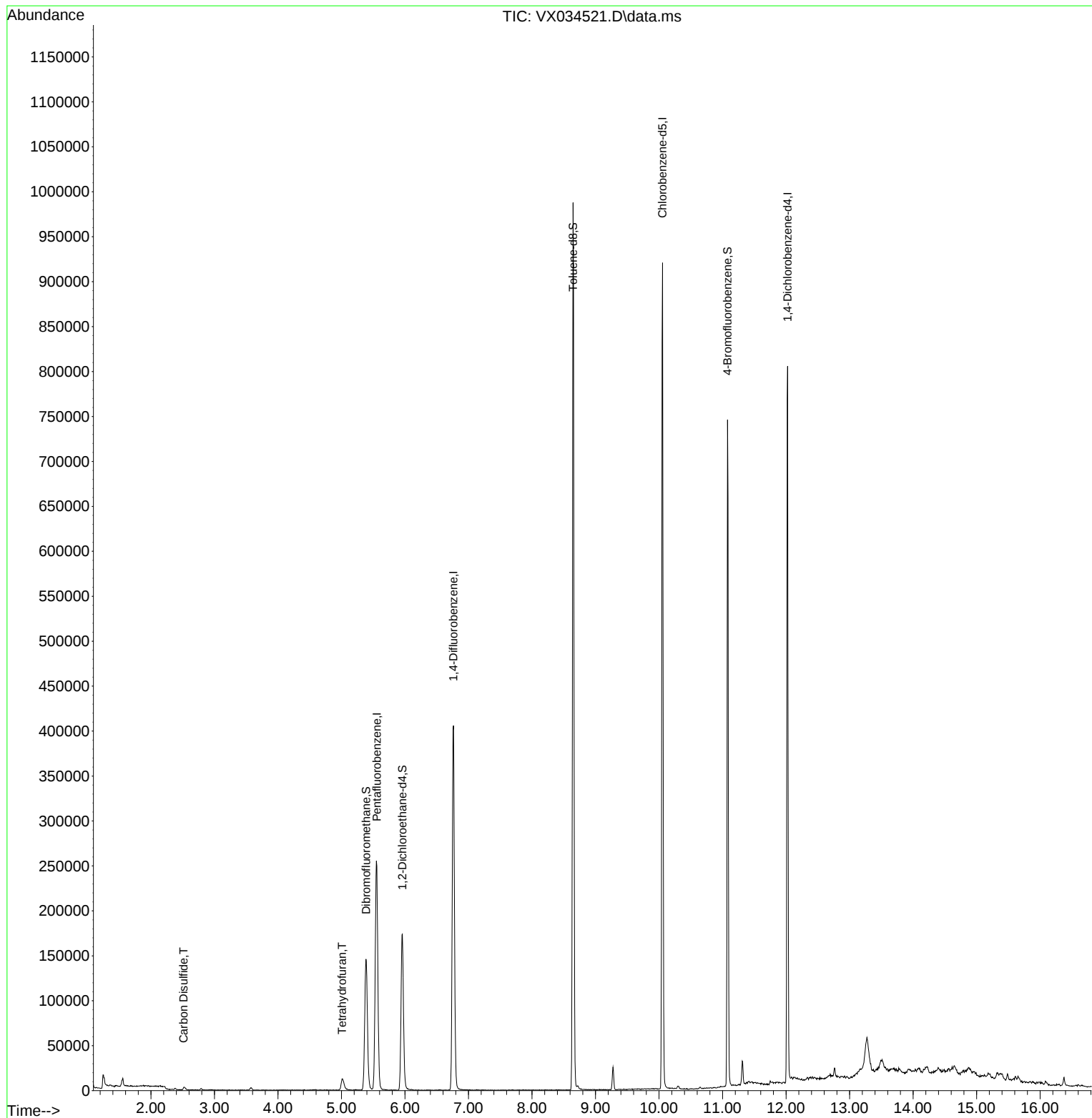
Internal Standards						
1) Pentafluorobenzene	5.556	168	241247	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	410516	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	394979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164731	46.936	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.880%		
35) Dibromofluoromethane	5.385	113	129539	47.793	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.580%		
50) Toluene-d8	8.647	98	560305	55.376	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	110.760%		
62) 4-Bromofluorobenzene	11.079	95	192362	47.067	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.140%		
Target Compounds						
17) Carbon Disulfide	2.514	76	1809	0.243	ug/l	98
29) Tetrahydrofuran	5.007	42	12873	8.819	ug/l	98

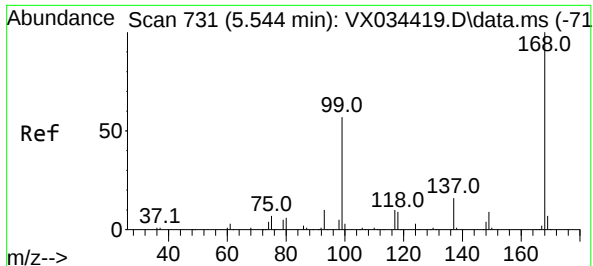
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.012 min

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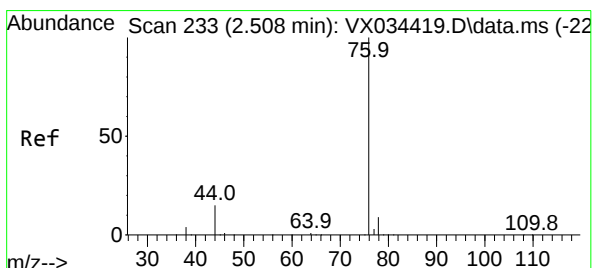
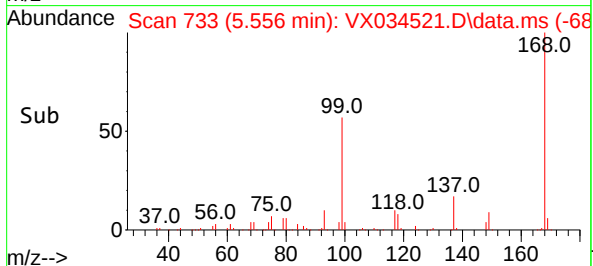
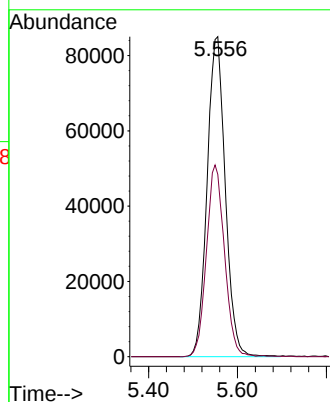
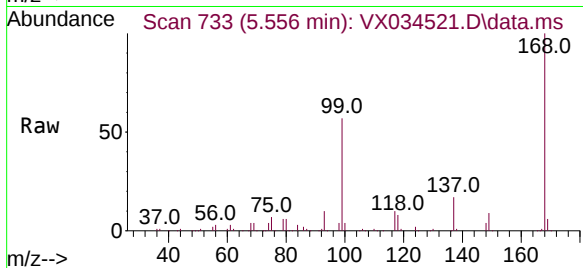
RW9-MW01D1-20230312

Tgt Ion:168 Resp: 241247

Ion Ratio Lower Upper

168 100

99 56.9 45.7 68.5



#17

Carbon Disulfide

Concen: 0.243 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.006 min

Lab File: VX034521.D

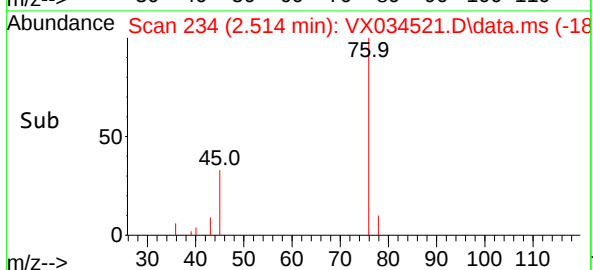
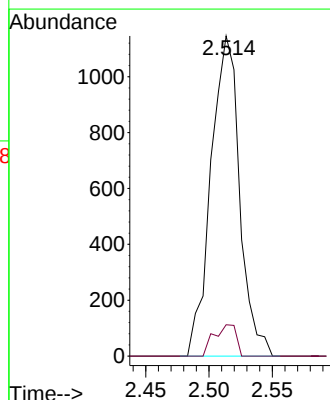
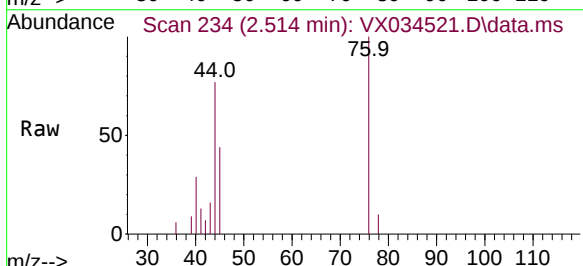
Acq: 15 Mar 2023 20:17

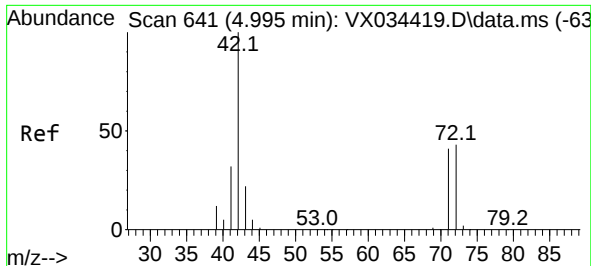
Tgt Ion: 76 Resp: 1809

Ion Ratio Lower Upper

76 100

78 9.8 7.2 10.8





#29

Tetrahydrofuran

Concen: 8.819 ug/l

RT: 5.007 min Scan# 641

Delta R.T. 0.012 min

Lab File: VX034521.D

Acq: 15 Mar 2023 20:17

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RW9-MW01D1-20230312

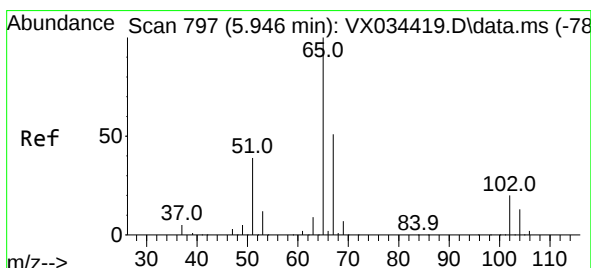
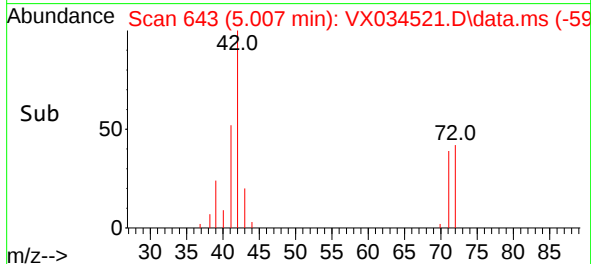
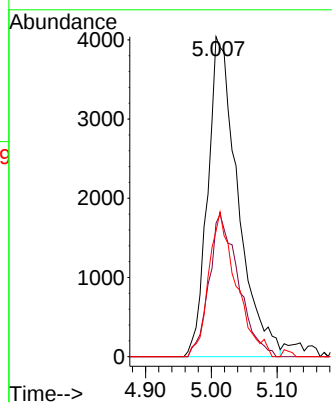
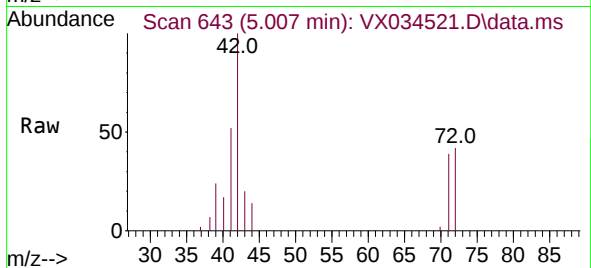
Tgt Ion: 42 Resp: 12873

Ion Ratio Lower Upper

42 100

72 43.6 34.5 51.7

71 41.6 32.1 48.1



#33

1,2-Dichloroethane-d4

Concen: 46.936 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.012 min

Lab File: VX034521.D

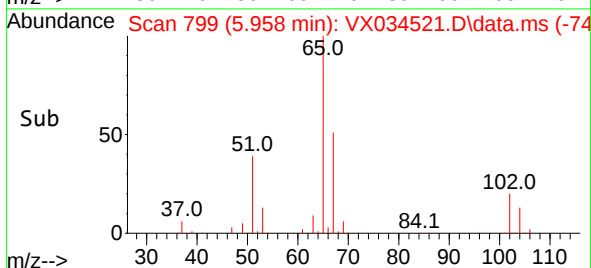
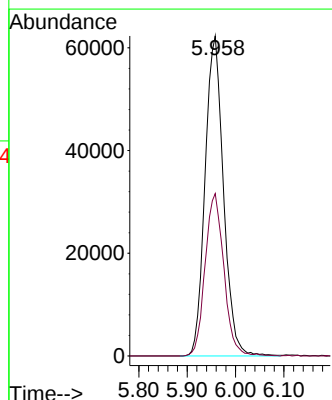
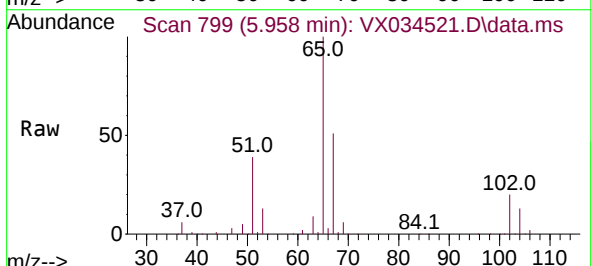
Acq: 15 Mar 2023 20:17

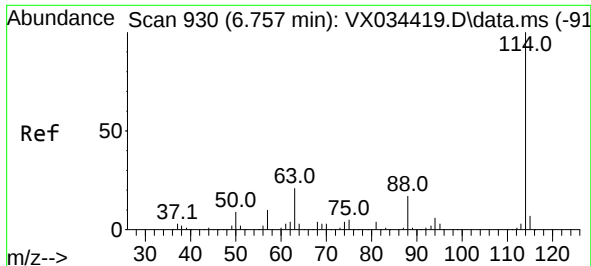
Tgt Ion: 65 Resp: 164731

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.0

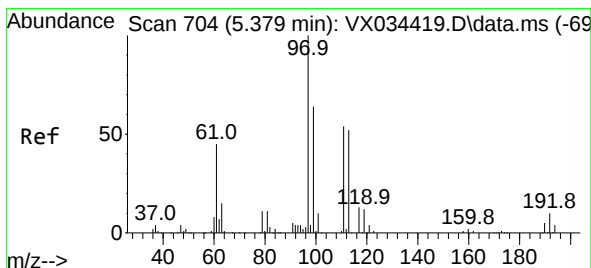
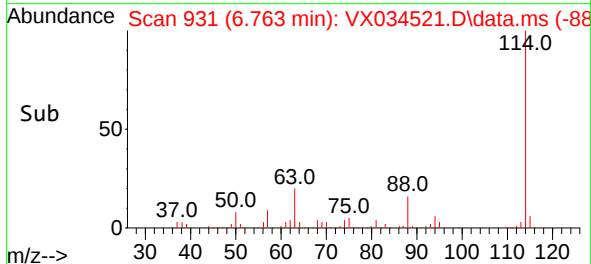
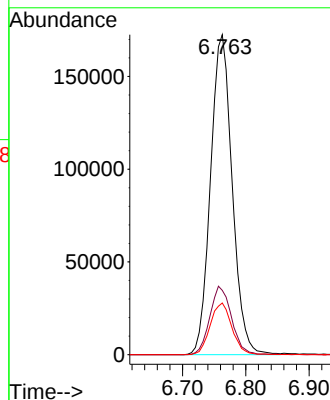
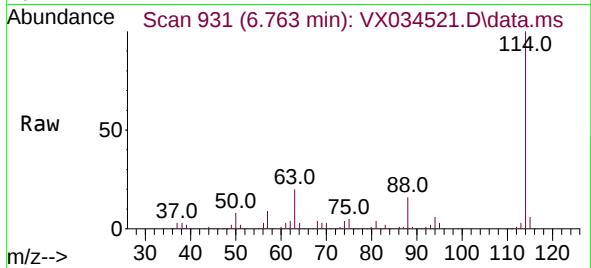




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034521.D
Acq: 15 Mar 2023 20:17

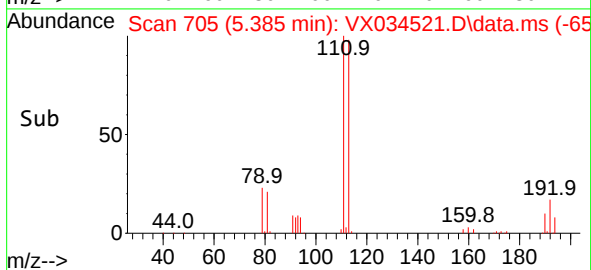
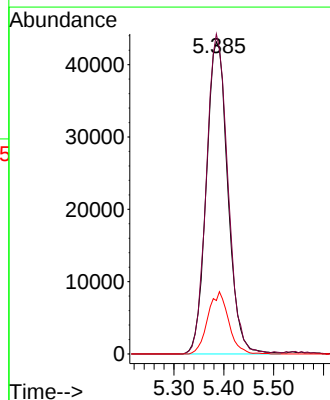
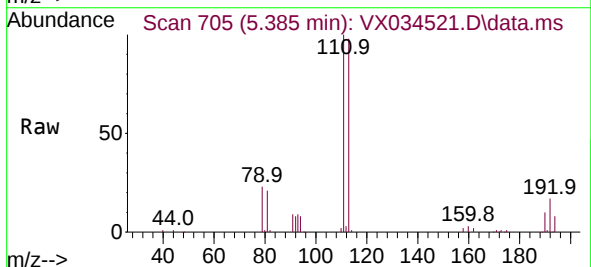
Instrument :
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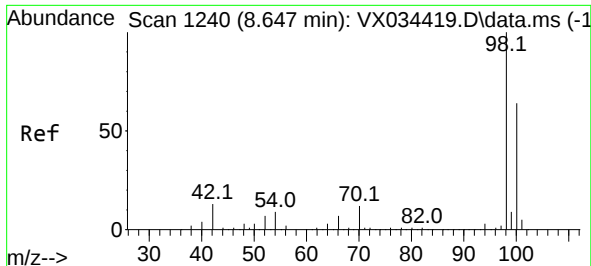
Tgt Ion:114 Resp: 410516
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.2
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.793 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034521.D
Acq: 15 Mar 2023 20:17

Tgt Ion:113 Resp: 129539
Ion Ratio Lower Upper
113 100
111 102.0 83.7 125.5
192 19.2 15.4 23.2

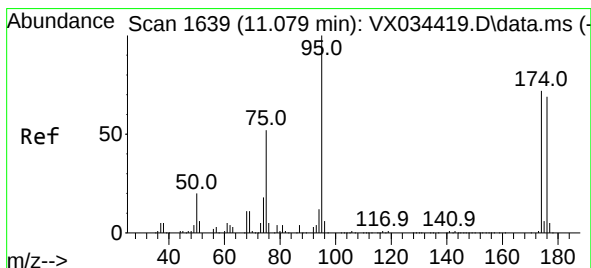
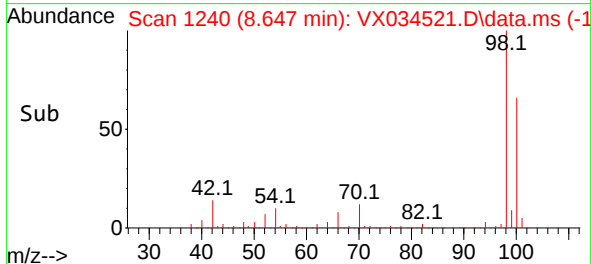
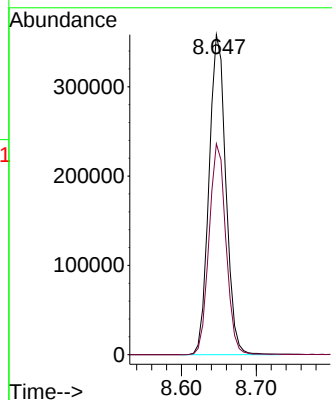
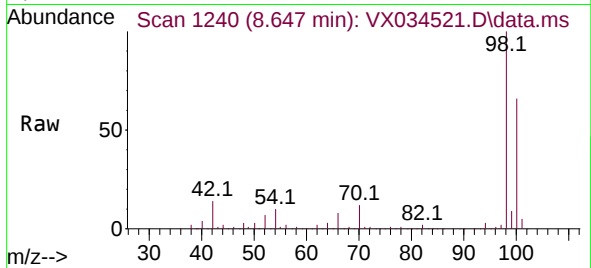




#50
Toluene-d8
Concen: 55.376 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034521.D
Acq: 15 Mar 2023 20:17

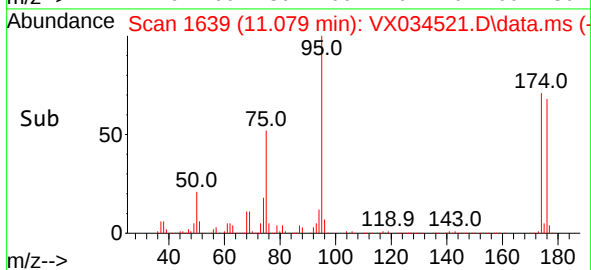
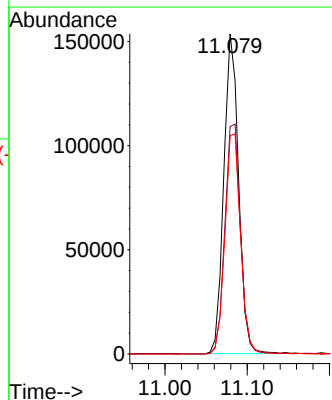
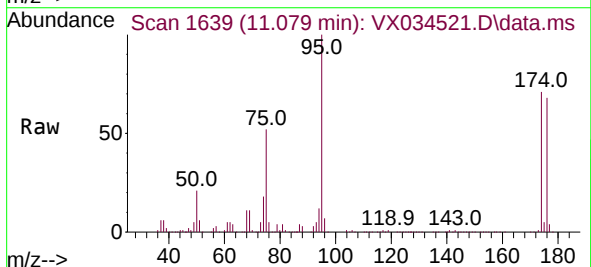
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20230312

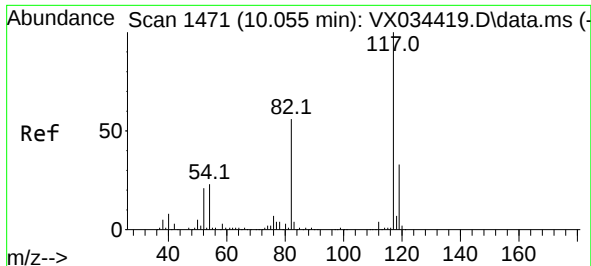
Tgt Ion: 98 Resp: 560305
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 47.067 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034521.D
Acq: 15 Mar 2023 20:17

Tgt Ion: 95 Resp: 192362
Ion Ratio Lower Upper
95 100
174 75.6 0.0 147.4
176 73.0 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX034521.D

Acq: 15 Mar 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

RW9-MW01D1-20230312

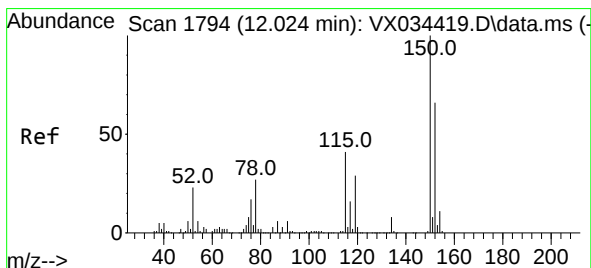
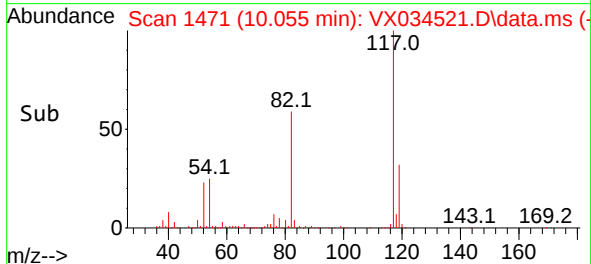
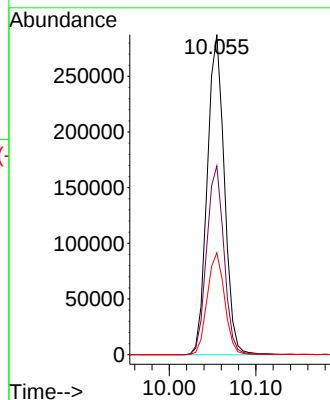
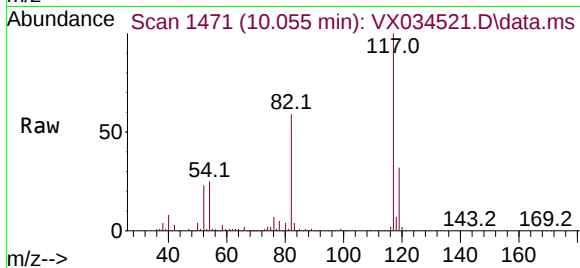
Tgt Ion:117 Resp: 394979

Ion Ratio Lower Upper

117 100

82 59.0 45.0 67.4

119 31.9 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX034521.D

Acq: 15 Mar 2023 20:17

Tgt Ion:152 Resp: 160230

Ion Ratio Lower Upper

152 100

115 59.9 45.0 135.0

150 156.9 0.0 352.4

