

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
 Data File : VX035618.D
 Acq On : 11 May 2023 19:23
 Operator : JC/MD
 Sample : 02755-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A5560

Quant Time: May 12 03:54:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

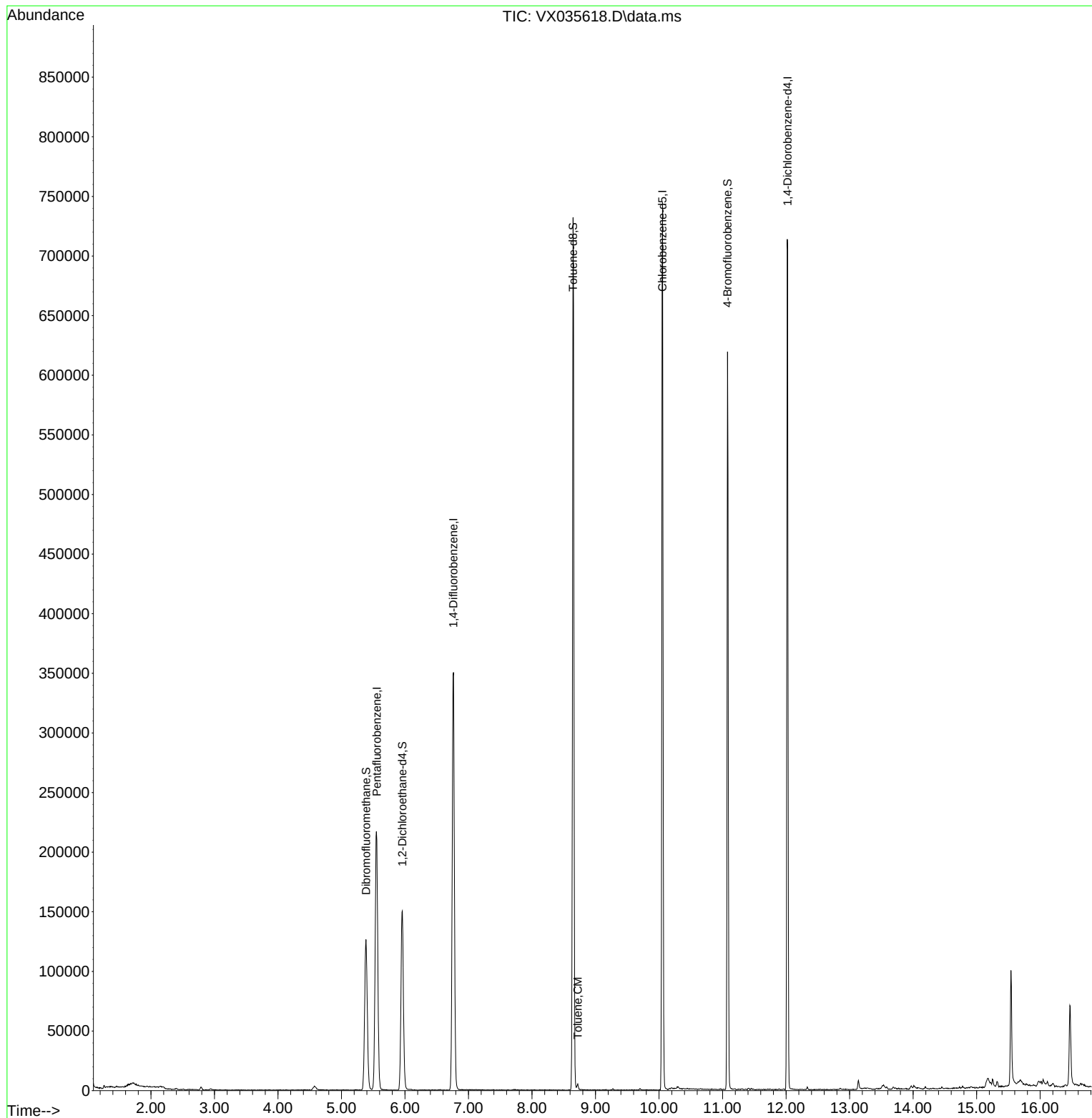
Internal Standards						
1) Pentafluorobenzene	5.556	168	185568	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	339722	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	309886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153723	47.485	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.960%
35) Dibromofluoromethane	5.385	113	109871	47.956	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.920%
50) Toluene-d8	8.647	98	410063	48.449	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.900%
62) 4-Bromofluorobenzene	11.079	95	166636	48.897	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.800%
Target Compounds						
52) Toluene	8.720	92	1562	0.245	ug/l	Qvalue 92

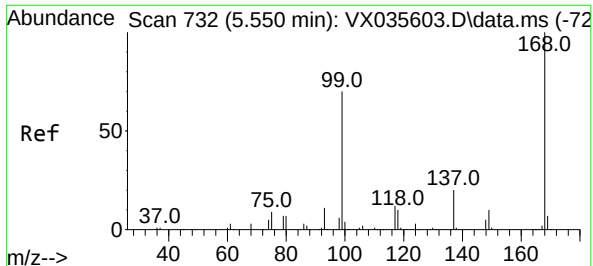
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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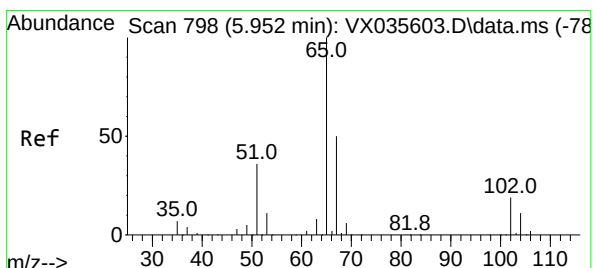
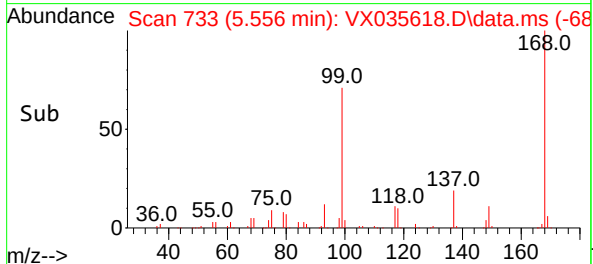
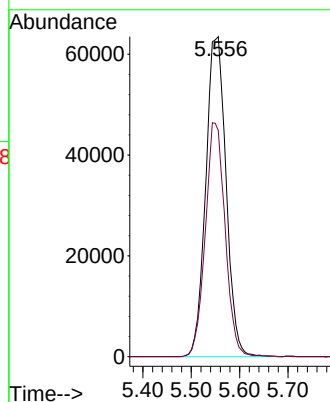
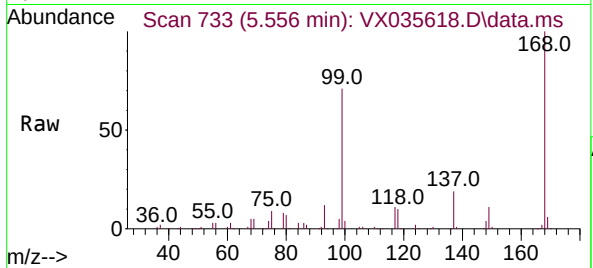




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035618.D
Acq: 11 May 2023 19:23

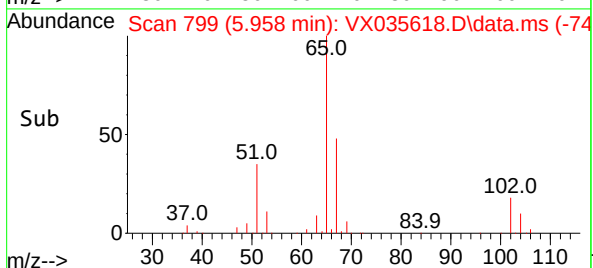
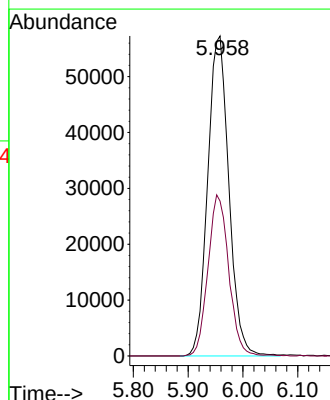
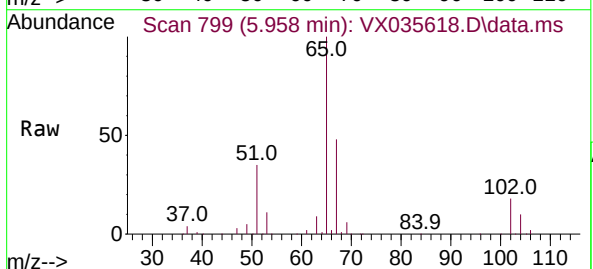
Instrument :
MSVOA_X
ClientSampleId :
A5560

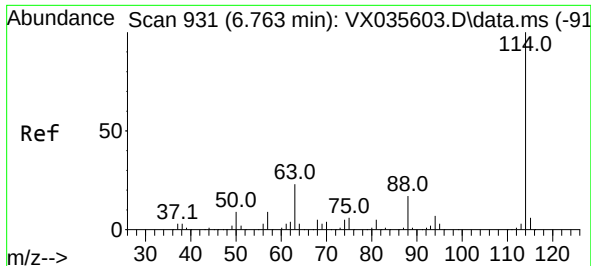
Tgt Ion:168 Resp: 185568
Ion Ratio Lower Upper
168 100
99 70.7 45.7 68.5#



#33
1,2-Dichloroethane-d4
Concen: 47.485 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035618.D
Acq: 11 May 2023 19:23

Tgt Ion: 65 Resp: 153723
Ion Ratio Lower Upper
65 100
67 49.2 0.0 104.0

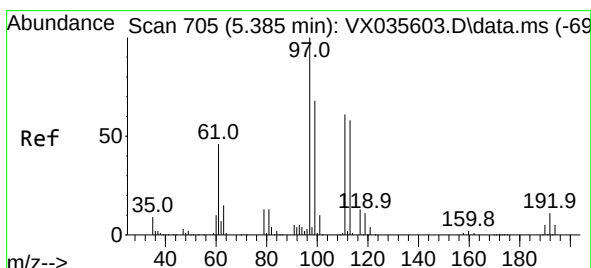
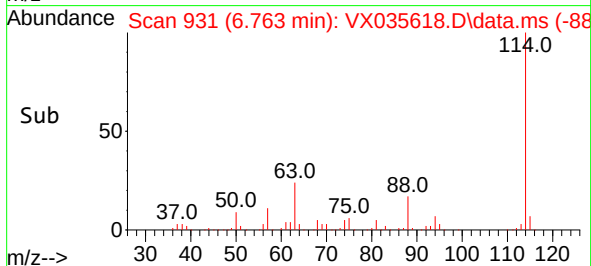
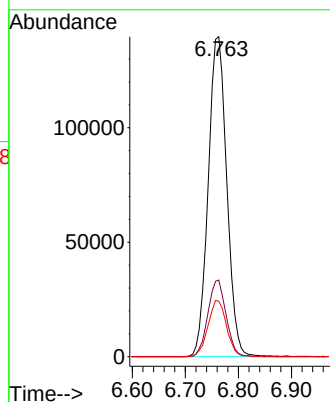
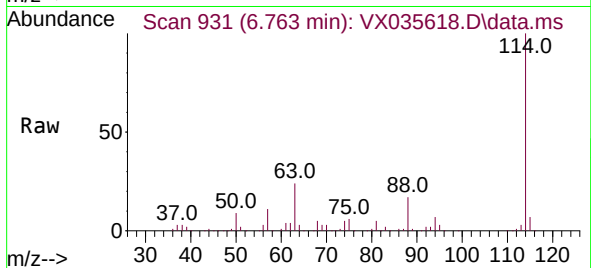




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035618.D
Acq: 11 May 2023 19:23

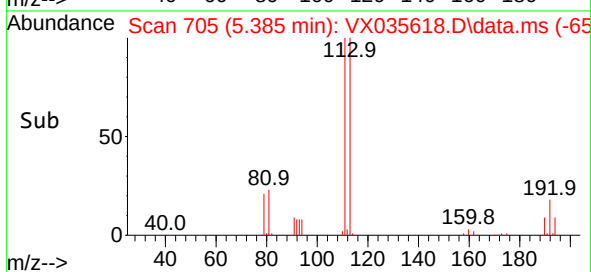
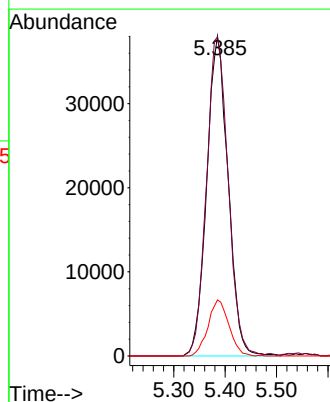
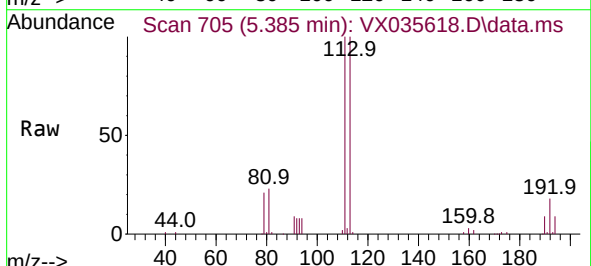
Instrument :
MSVOA_X
ClientSampleId :
A5560

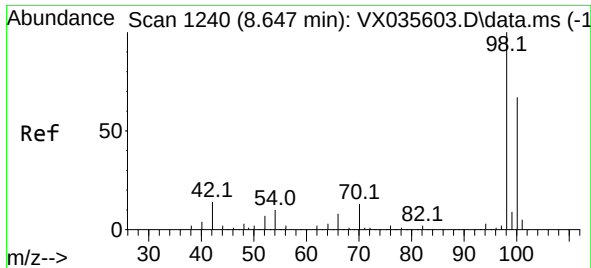
Tgt Ion:114 Resp: 339722
Ion Ratio Lower Upper
114 100
63 23.9 0.0 42.2
88 17.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.956 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035618.D
Acq: 11 May 2023 19:23

Tgt Ion:113 Resp: 109871
Ion Ratio Lower Upper
113 100
111 101.3 83.7 125.5
192 17.1 15.4 23.2

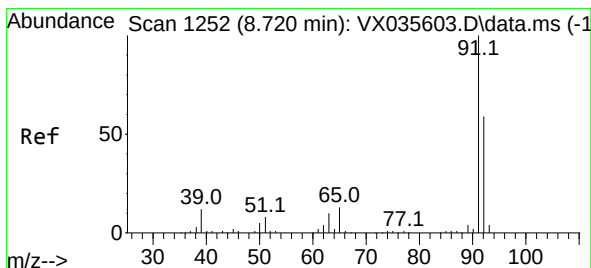
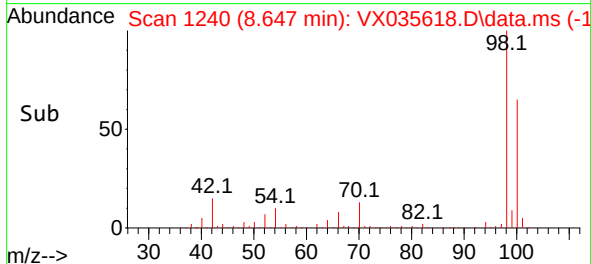
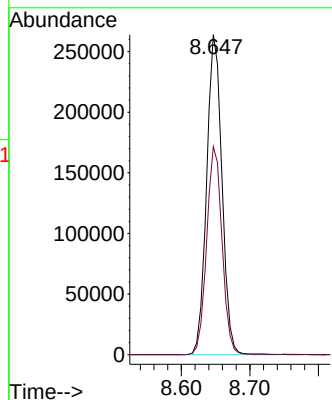
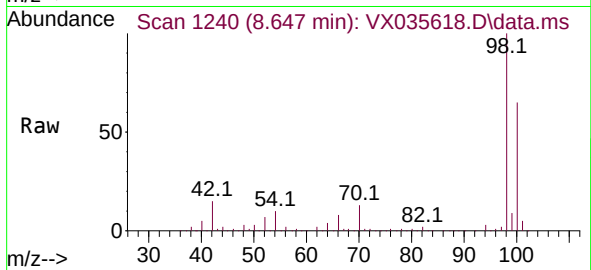




#50
Toluene-d8
Concen: 48.449 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035618.D
Acq: 11 May 2023 19:23

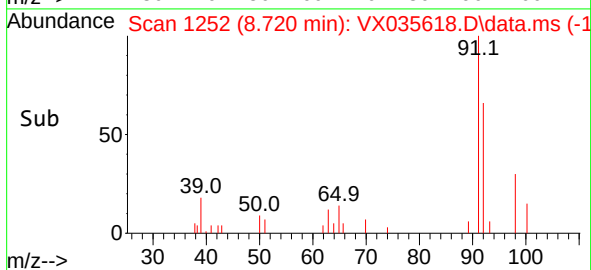
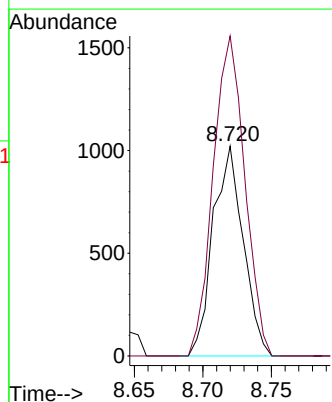
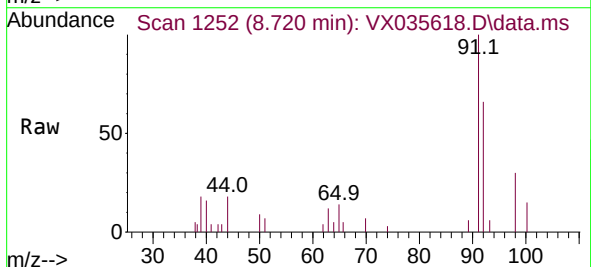
Instrument :
MSVOA_X
ClientSampleId :
A5560

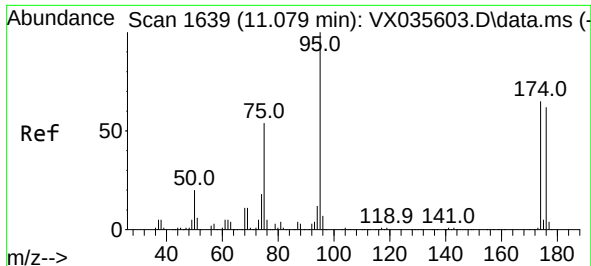
Tgt Ion: 98 Resp: 410063
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#52
Toluene
Concen: 0.245 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035618.D
Acq: 11 May 2023 19:23

Tgt Ion: 92 Resp: 1562
Ion Ratio Lower Upper
92 100
91 160.1 136.8 205.2

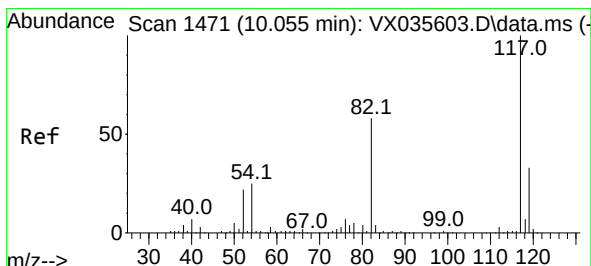
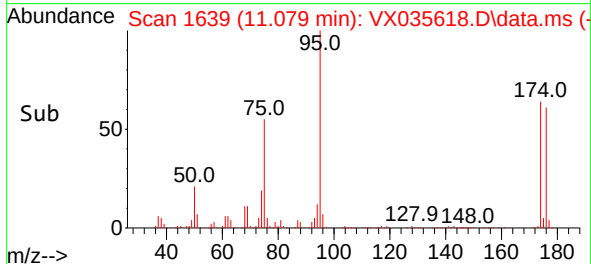
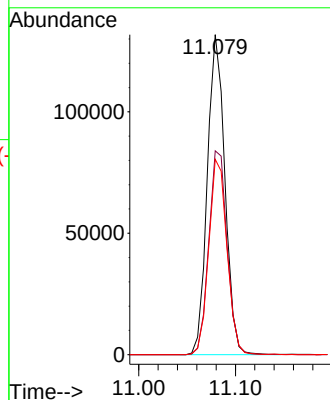
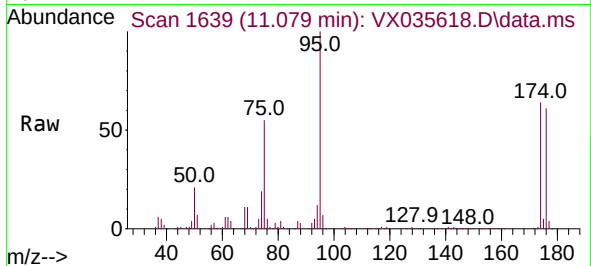




#62
4-Bromofluorobenzene
Concen: 48.897 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035618.D
Acq: 11 May 2023 19:23

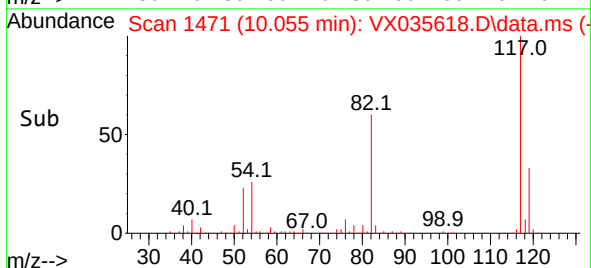
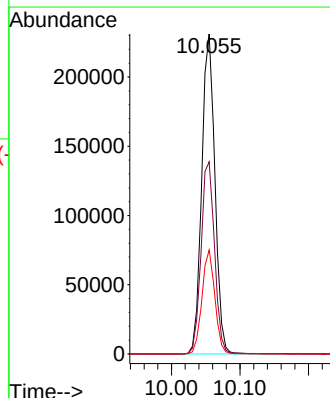
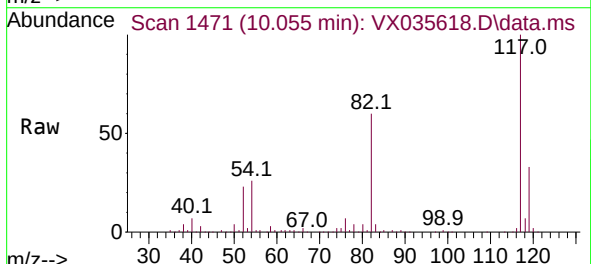
Instrument :
MSVOA_X
ClientSampleId :
A5560

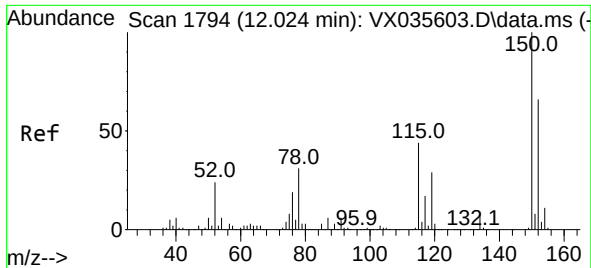
Tgt Ion: 95 Resp: 166636
Ion Ratio Lower Upper
95 100
174 66.5 0.0 147.4
176 63.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035618.D
Acq: 11 May 2023 19:23

Tgt Ion: 117 Resp: 309886
Ion Ratio Lower Upper
117 100
82 60.0 45.0 67.4
119 32.5 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035618.D

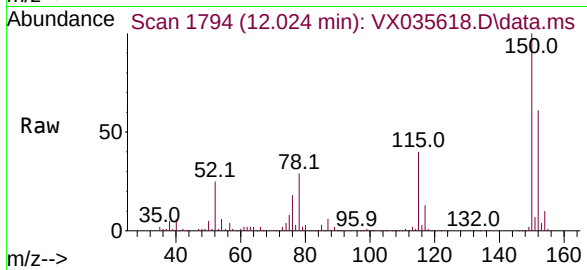
Acq: 11 May 2023 19:23

Instrument :

MSVOA_X

ClientSampleId :

A5560



Tgt Ion:152 Resp: 138037

Ion Ratio Lower Upper

152 100

115 66.8 45.0 135.0

150 159.4 0.0 352.4

