

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
 Data File : VX035514.D
 Acq On : 03 May 2023 16:57
 Operator : JC/MD
 Sample : 02561-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: May 04 04:00:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	215608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	350841	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	327557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156446	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	126019	48.447	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.900%
35) Dibromofluoromethane	5.385	113	105804	49.134	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.260%
50) Toluene-d8	8.647	98	420326	51.744	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.480%
62) 4-Bromofluorobenzene	11.079	95	162213	53.084	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.160%

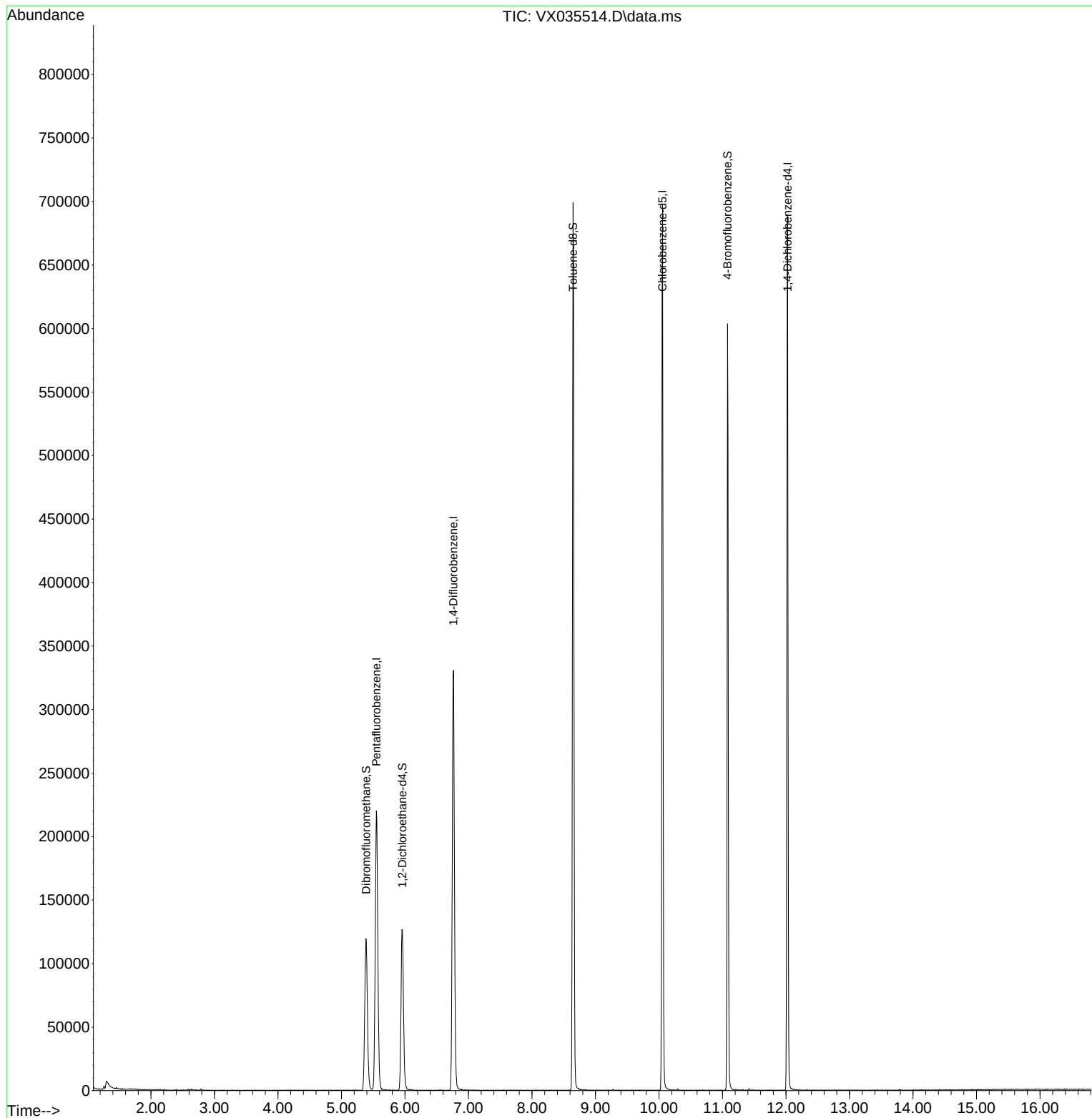
Target Compounds	Qvalue

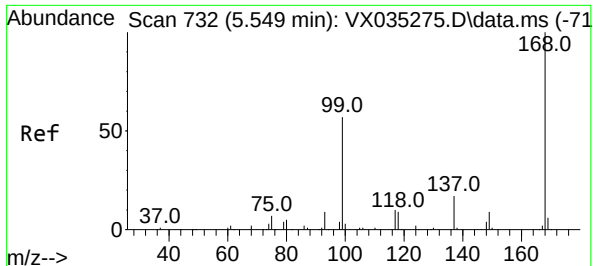
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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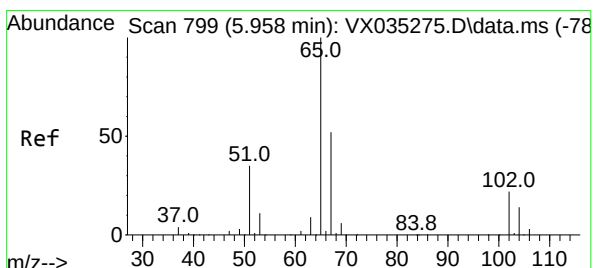
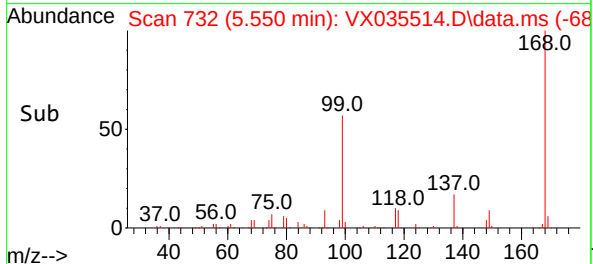
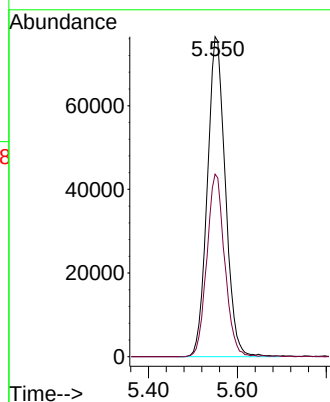
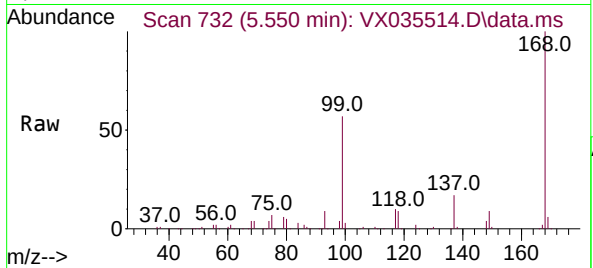




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035514.D
Acq: 03 May 2023 16:57

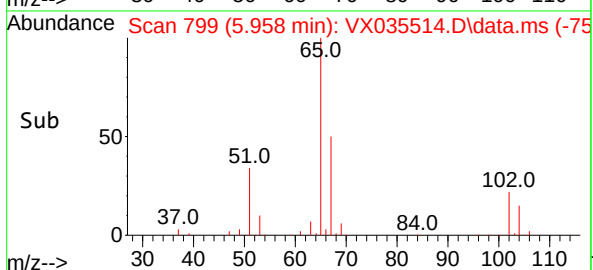
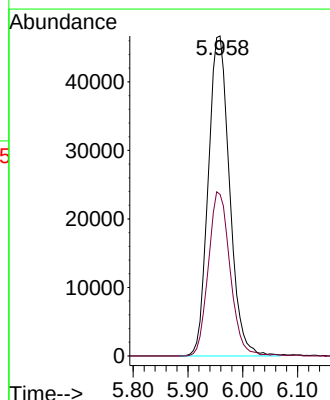
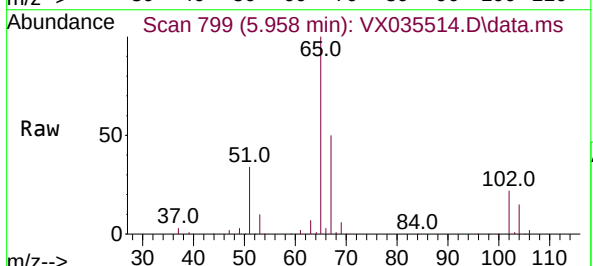
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

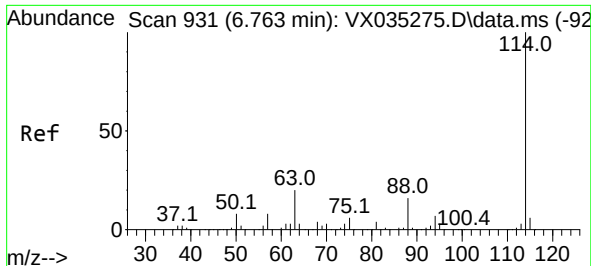
Tgt Ion:168 Resp: 215608
Ion Ratio Lower Upper
168 100
99 57.1 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 48.447 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035514.D
Acq: 03 May 2023 16:57

Tgt Ion: 65 Resp: 126019
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0

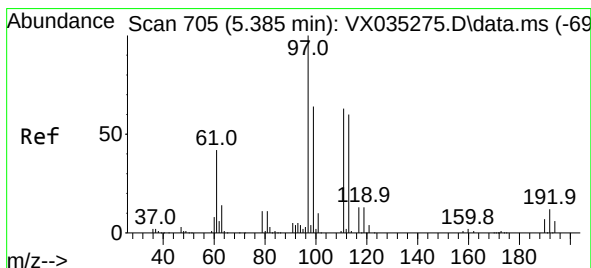
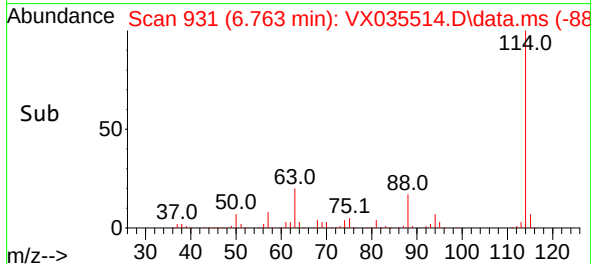
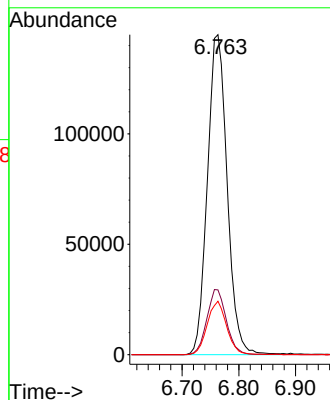
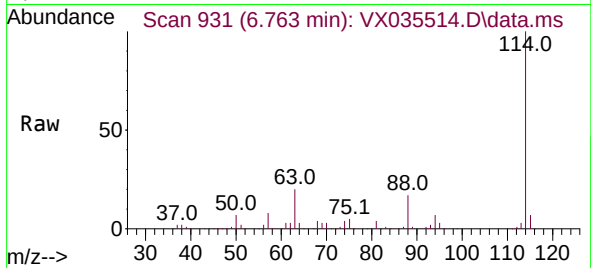




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX035514.D
Acq: 03 May 2023 16:57

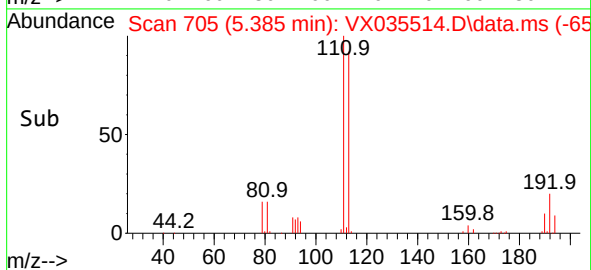
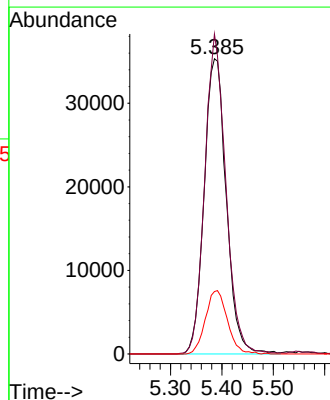
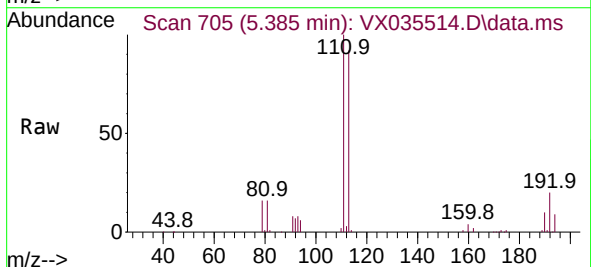
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

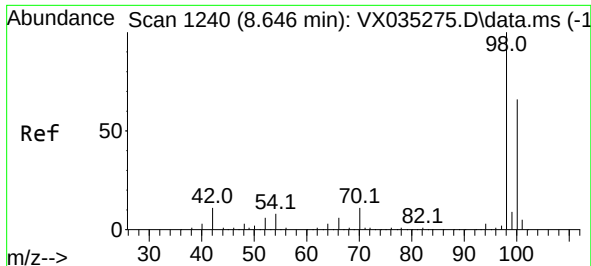
Tgt Ion:114 Resp: 350841
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.2
88 16.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.134 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035514.D
Acq: 03 May 2023 16:57

Tgt Ion:113 Resp: 105804
Ion Ratio Lower Upper
113 100
111 103.2 83.7 125.5
192 21.2 15.4 23.2





#50

Toluene-d8

Concen: 51.744 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX035514.D

Acq: 03 May 2023 16:57

Instrument :

MSVOA_X

ClientSampleId :

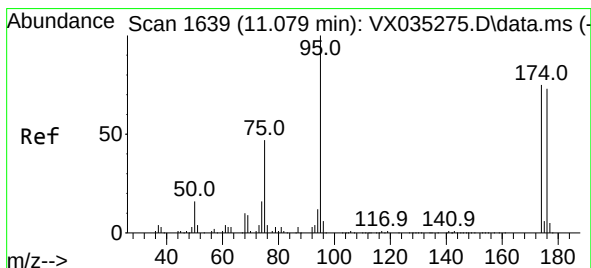
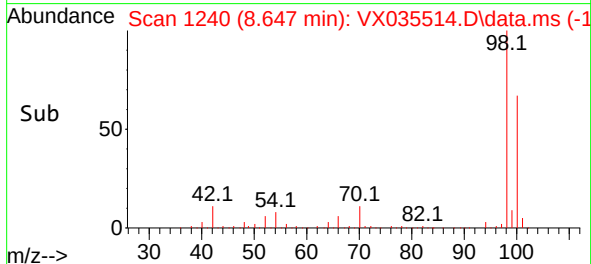
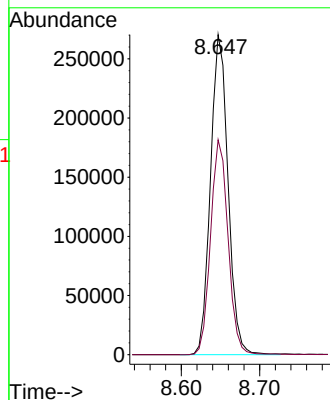
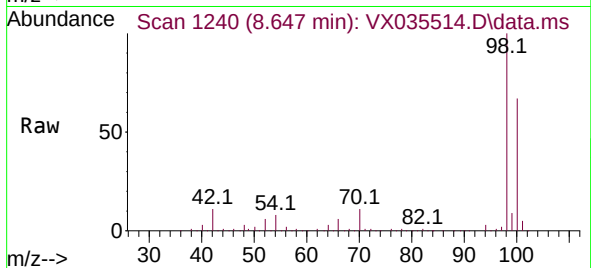
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 98 Resp: 420326

Ion Ratio Lower Upper

98 100

100 67.0 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 53.084 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035514.D

Acq: 03 May 2023 16:57

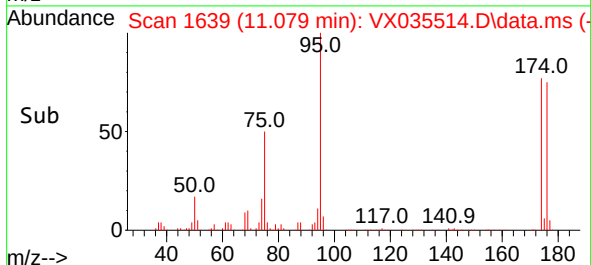
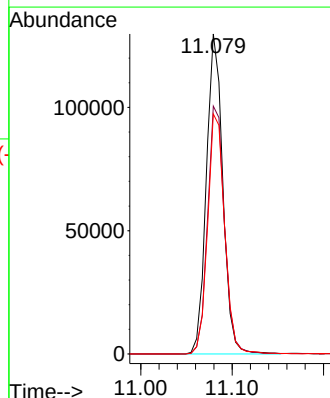
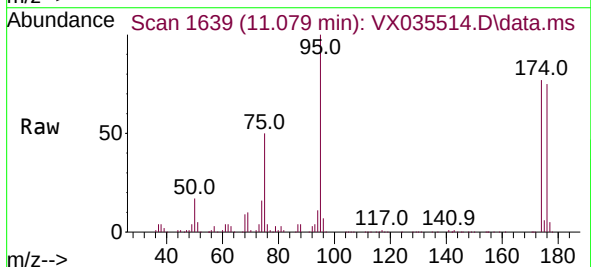
Tgt Ion: 95 Resp: 162213

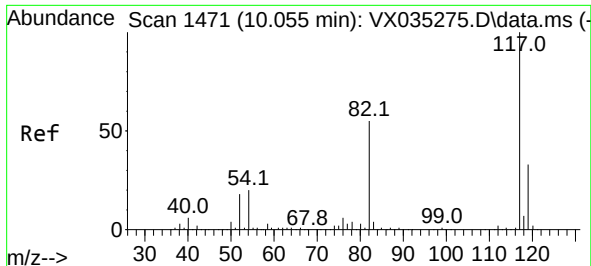
Ion Ratio Lower Upper

95 100

174 79.7 0.0 147.4

176 77.7 0.0 140.6

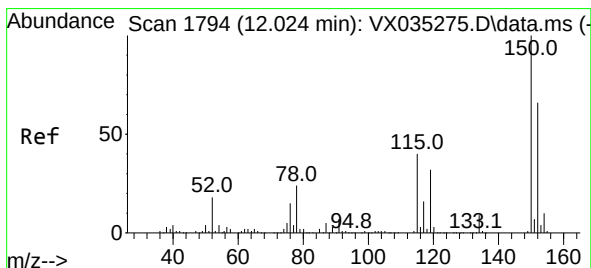
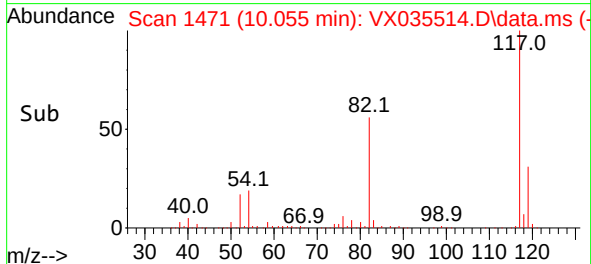
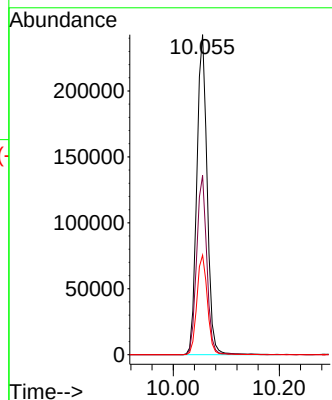
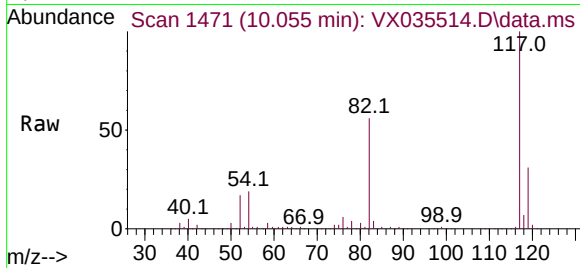




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035514.D
Acq: 03 May 2023 16:57

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:117 Resp: 327557
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.4
119 31.1 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: VX035514.D
Acq: 03 May 2023 16:57

Tgt Ion:152 Resp: 156446
Ion Ratio Lower Upper
152 100
115 59.3 45.0 135.0
150 157.2 0.0 352.4

