

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102822\
 Data File : VX032459.D
 Acq On : 28 Oct 2022 15:02
 Operator : JC/MD
 Sample : N5357-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 5051-1

Quant Time: Oct 29 04:32:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

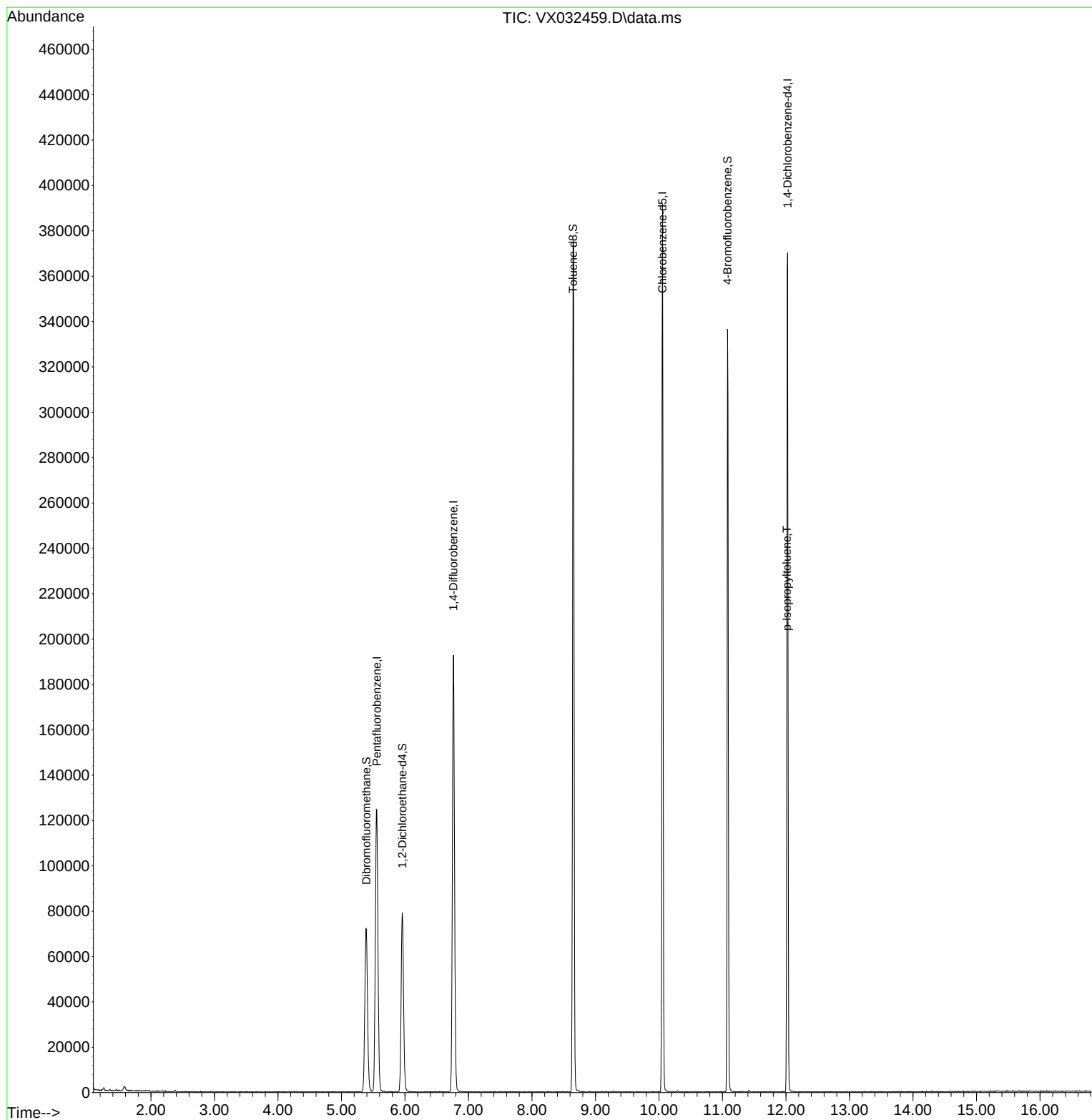
Internal Standards						
1) Pentafluorobenzene	5.556	168	117566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193102	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78921	48.313	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.620%
35) Dibromofluoromethane	5.391	113	63057	45.779	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.560%
50) Toluene-d8	8.647	98	229477	47.912	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.820%
62) 4-Bromofluorobenzene	11.079	95	83974	44.884	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.760%
Target Compounds						
					Qvalue	
86) p-Isopropyltoluene	12.012	119	1572	0.293	ug/l #	81

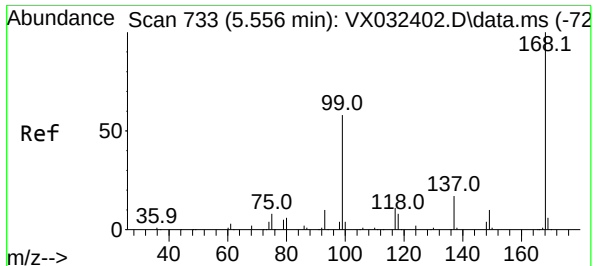
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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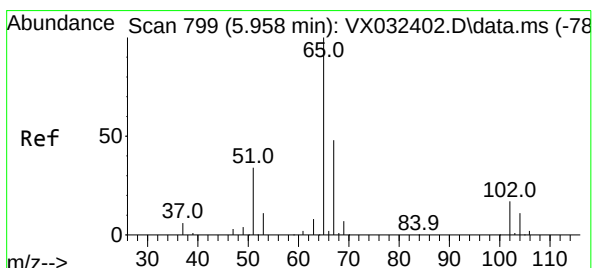
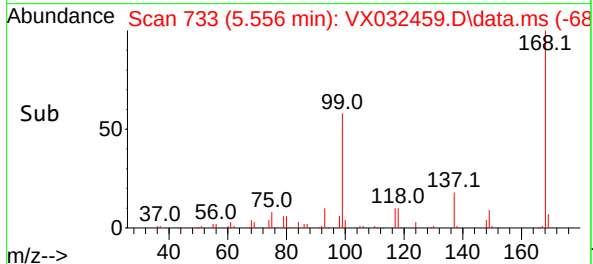
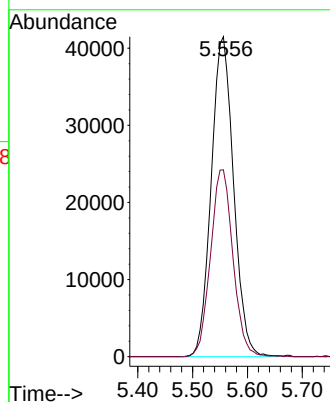
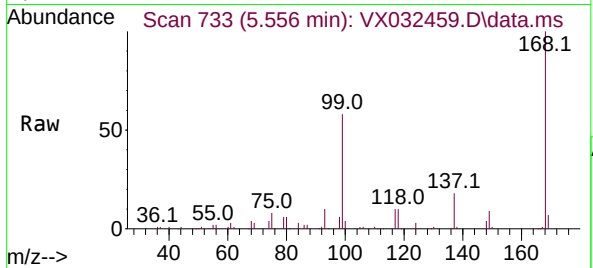




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032459.D
Acq: 28 Oct 2022 15:02

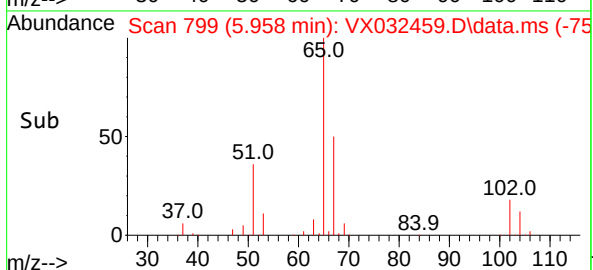
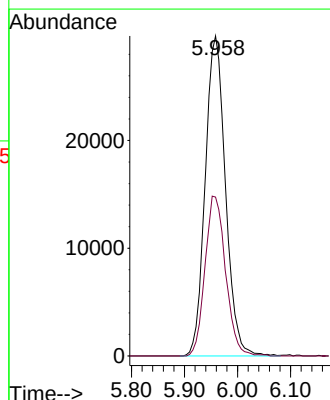
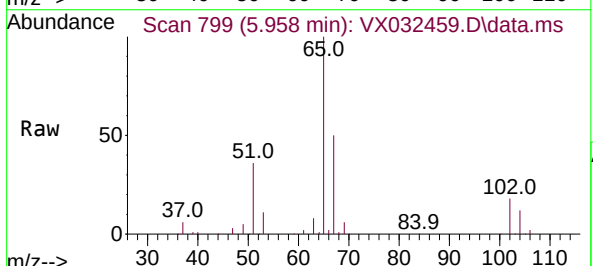
Instrument :
MSVOA_X
ClientSampleId :
5051-1

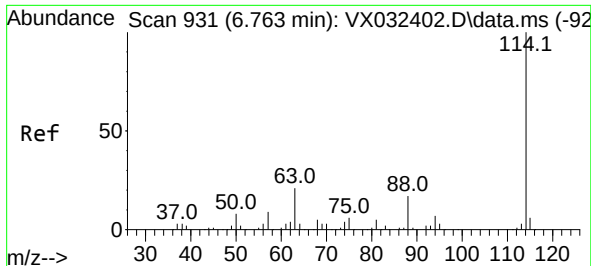
Tgt Ion:168 Resp: 117566
Ion Ratio Lower Upper
168 100
99 58.4 46.1 69.1



#33
1,2-Dichloroethane-d4
Concen: 48.313 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032459.D
Acq: 28 Oct 2022 15:02

Tgt Ion: 65 Resp: 78921
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8

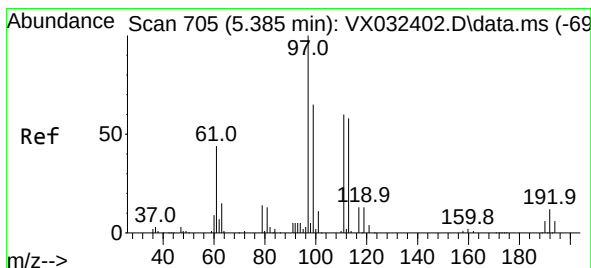
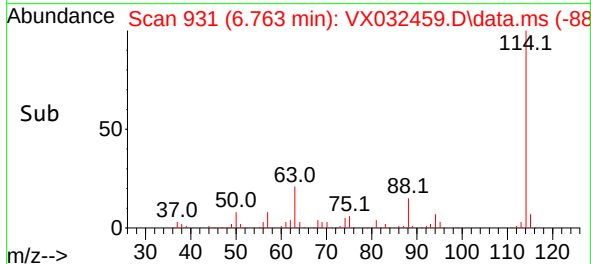
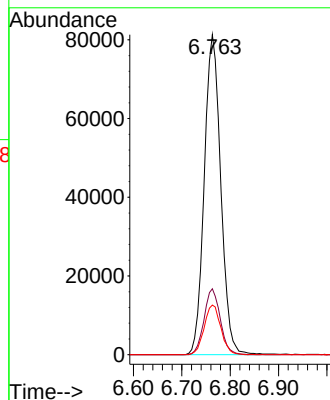
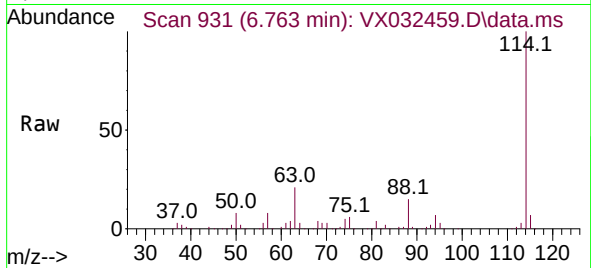




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032459.D
Acq: 28 Oct 2022 15:02

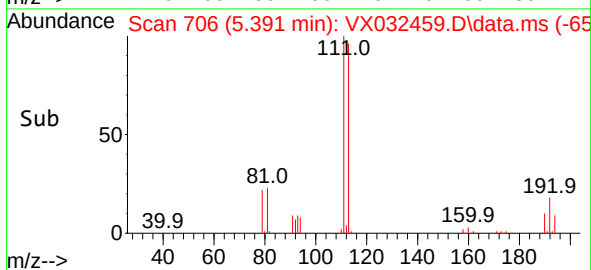
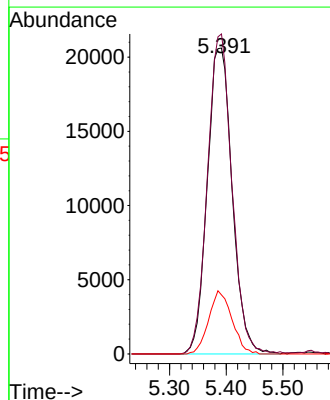
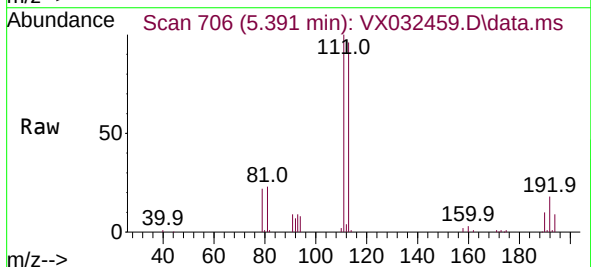
Instrument :
MSVOA_X
ClientSampleId :
5051-1

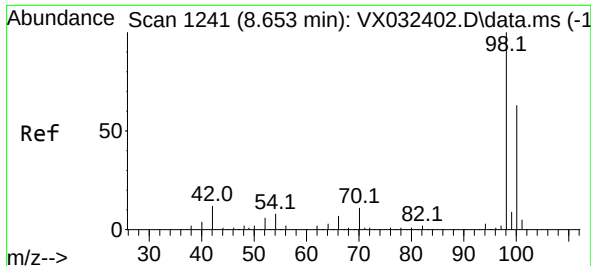
Tgt Ion:114 Resp: 193102
Ion Ratio Lower Upper
114 100
63 20.6 0.0 41.6
88 15.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.779 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032459.D
Acq: 28 Oct 2022 15:02

Tgt Ion:113 Resp: 63057
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 19.2 15.4 23.2





#50

Toluene-d8

Concen: 47.912 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032459.D

Acq: 28 Oct 2022 15:02

Instrument :

MSVOA_X

ClientSampleId :

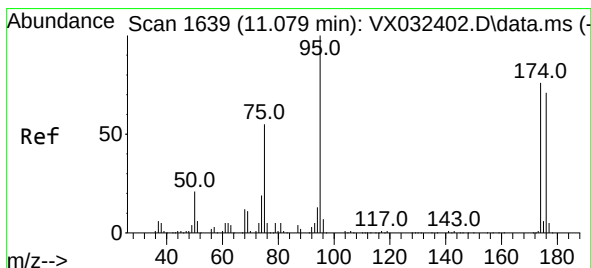
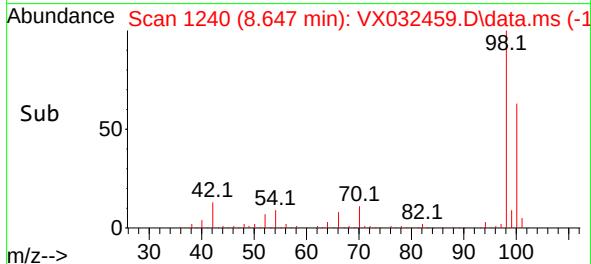
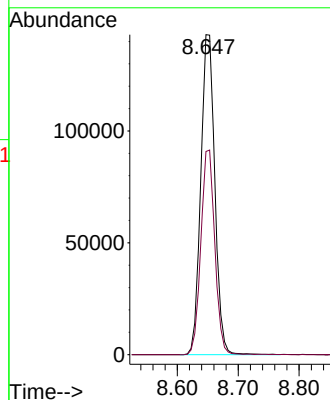
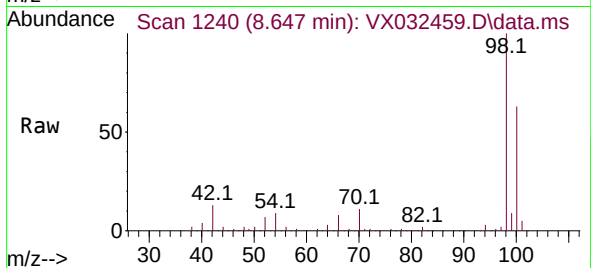
5051-1

Tgt Ion: 98 Resp: 229477

Ion Ratio Lower Upper

98 100

100 63.4 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 44.884 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032459.D

Acq: 28 Oct 2022 15:02

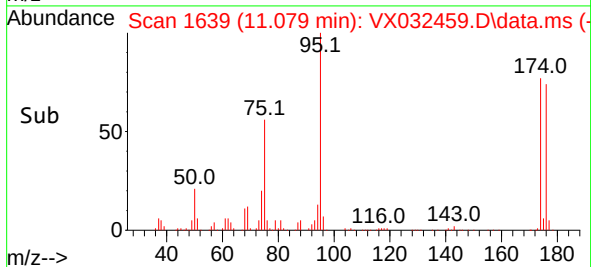
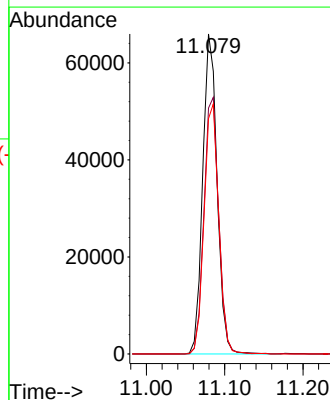
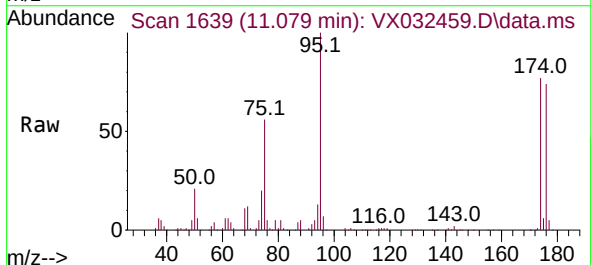
Tgt Ion: 95 Resp: 83974

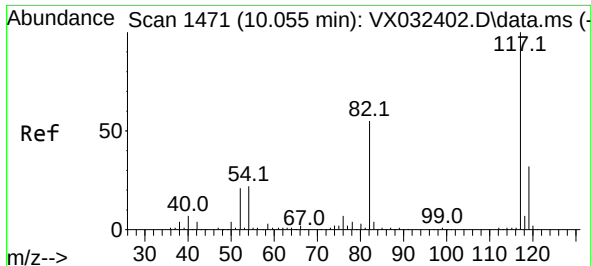
Ion Ratio Lower Upper

95 100

174 82.5 0.0 164.0

176 79.8 0.0 154.4

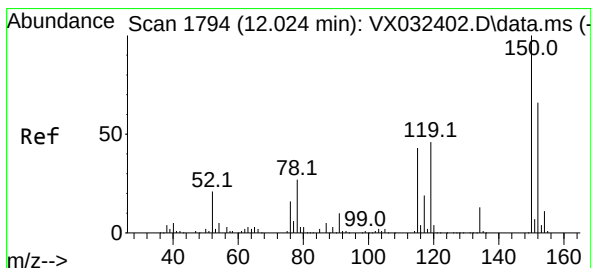
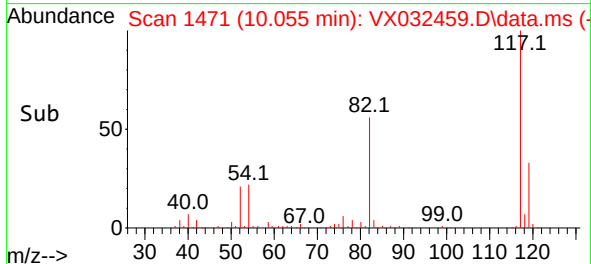
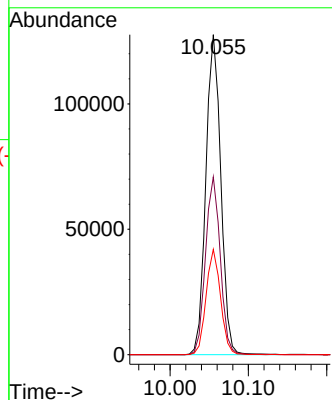
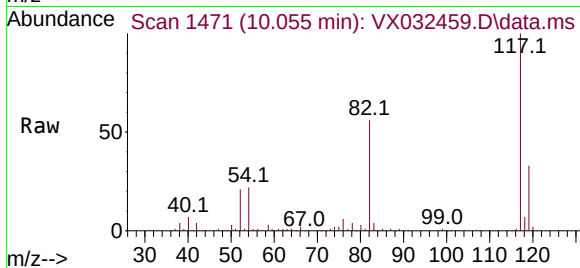




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032459.D
Acq: 28 Oct 2022 15:02

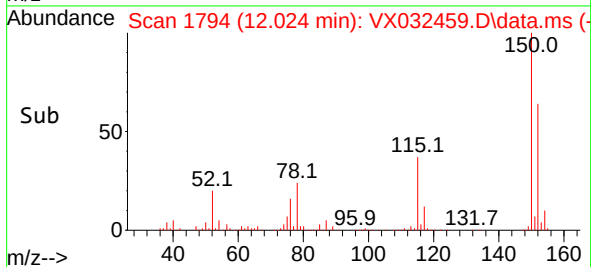
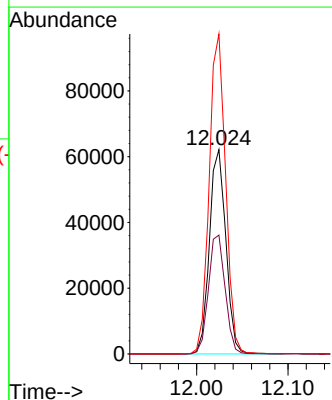
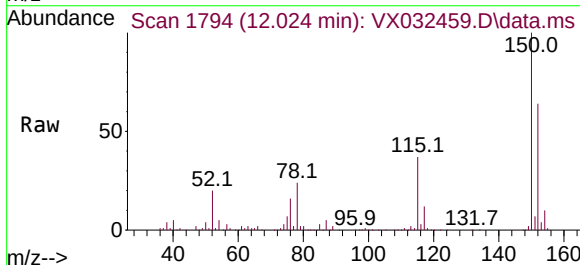
Instrument :
MSVOA_X
ClientSampleId :
5051-1

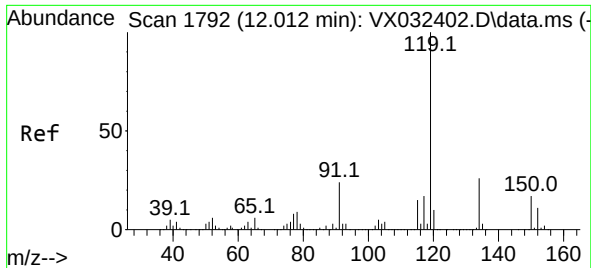
Tgt Ion:117 Resp: 168858
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 32.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032459.D
Acq: 28 Oct 2022 15:02

Tgt Ion:152 Resp: 77607
Ion Ratio Lower Upper
152 100
115 59.2 44.0 132.0
150 156.0 0.0 351.8





#86
 p-Isopropyltoluene
 Concen: 0.293 ug/l
 RT: 12.012 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032459.D
 Acq: 28 Oct 2022 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 5051-1

Tgt Ion:119 Resp: 1572
 Ion Ratio Lower Upper
 119 100
 134 27.2 12.9 38.7
 91 42.6 12.5 37.5#

