

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031521.D
 Acq On : 21 Sep 2022 13:55
 Operator : JC/MD
 Sample : N4678-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 5869-1

Quant Time: Sep 22 01:12:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	74239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	124408	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78022	57.358	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.720%	
35) Dibromofluoromethane	5.391	113	65114	50.647	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.300%	
50) Toluene-d8	8.653	98	252294	50.901	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.800%	
62) 4-Bromofluorobenzene	11.079	95	79730	47.489	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.980%	

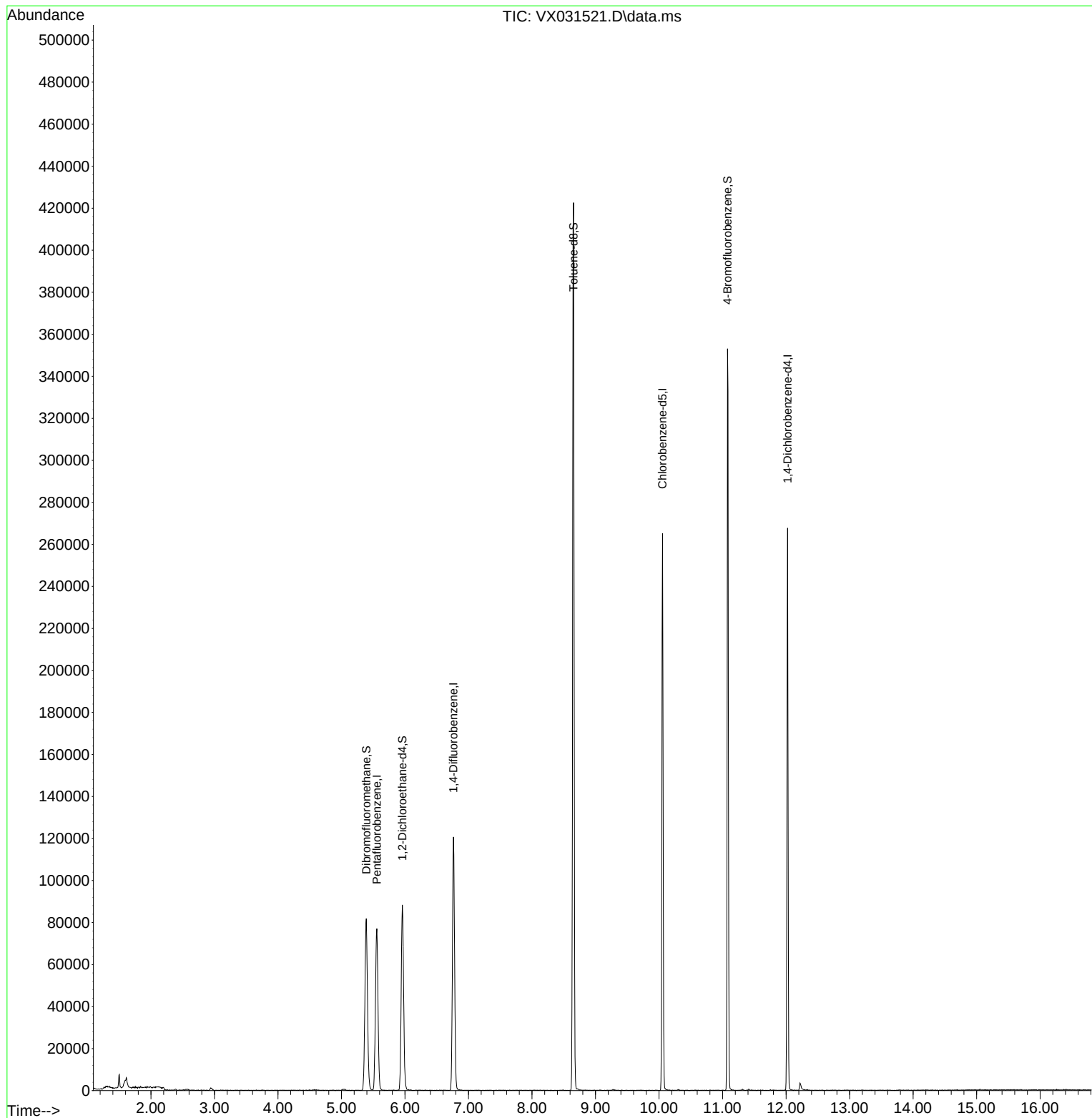
Target Compounds	Qvalue

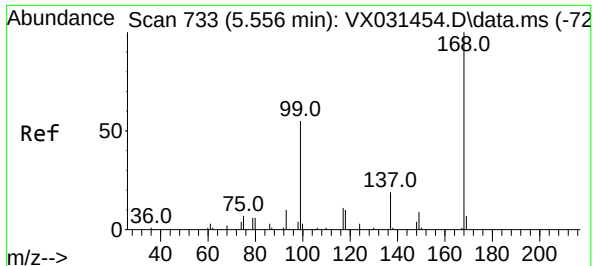
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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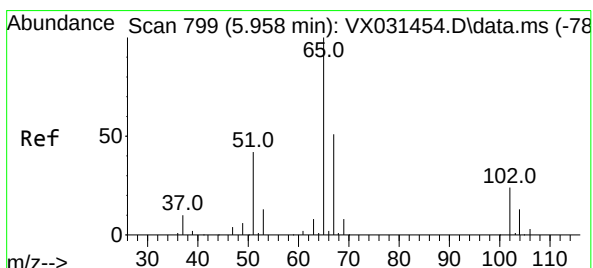
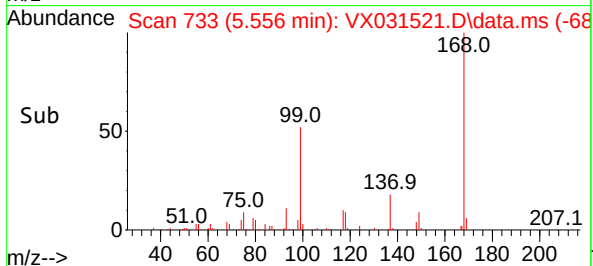
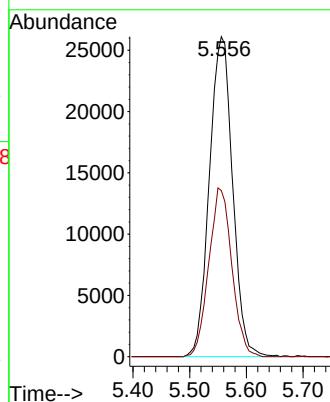
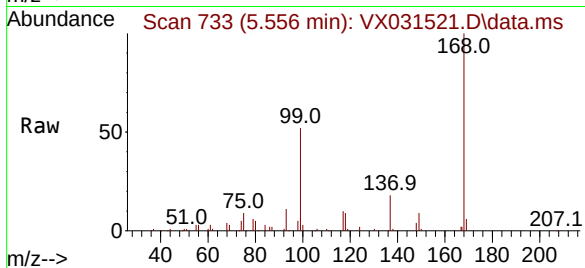




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX031521.D
Acq: 21 Sep 2022 13:55

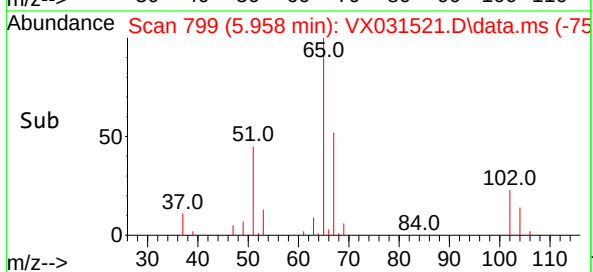
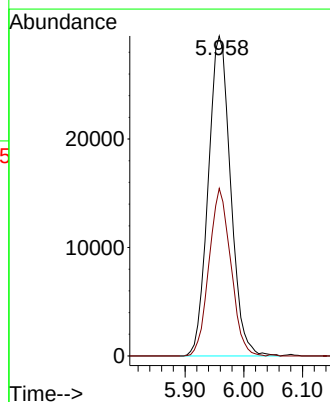
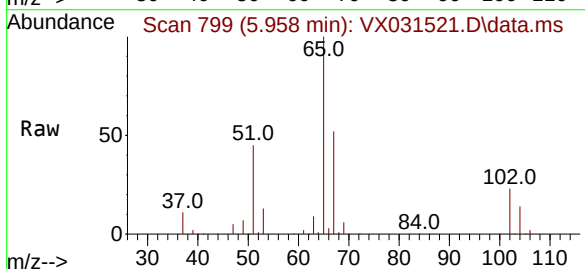
Instrument :
MSVOA_X
ClientSampleId :
5869-1

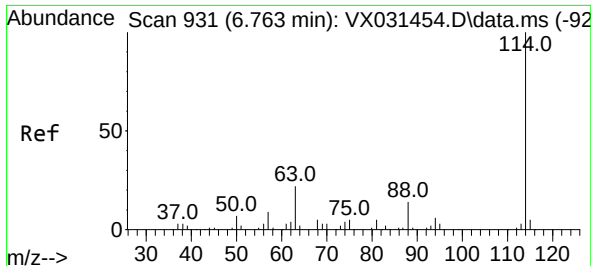
Tgt Ion:168 Resp: 74239
Ion Ratio Lower Upper
168 100
99 51.9 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 57.358 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031521.D
Acq: 21 Sep 2022 13:55

Tgt Ion: 65 Resp: 78022
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.4

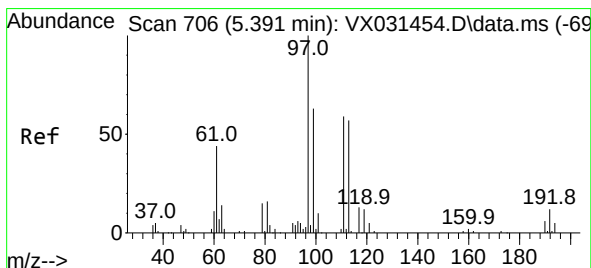
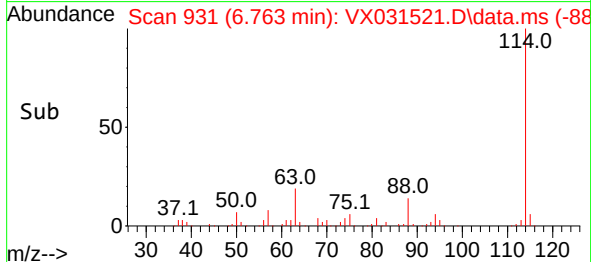
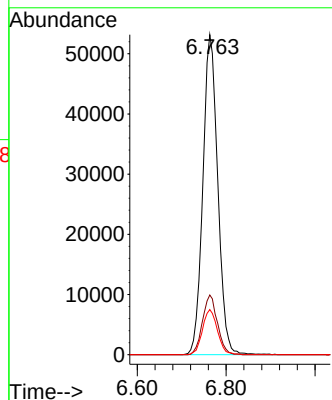
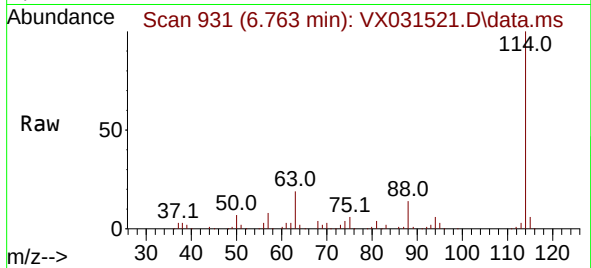




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX031521.D
Acq: 21 Sep 2022 13:55

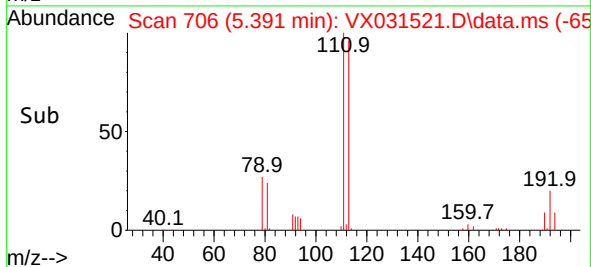
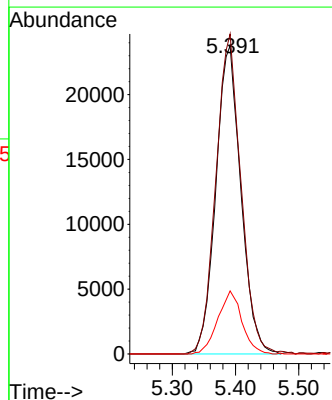
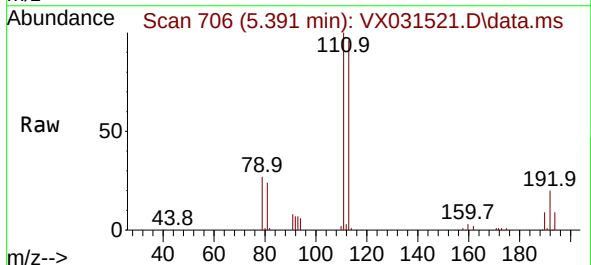
Instrument :
MSVOA_X
ClientSampleId :
5869-1

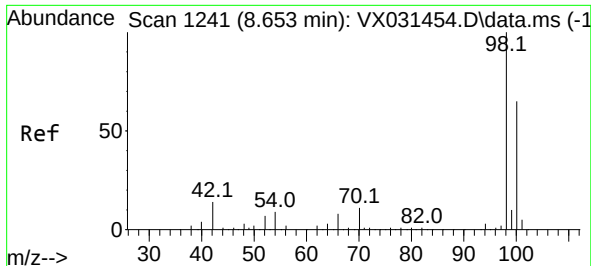
Tgt Ion:114 Resp: 124408
Ion Ratio Lower Upper
114 100
63 18.6 0.0 42.6
88 14.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.647 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031521.D
Acq: 21 Sep 2022 13:55

Tgt Ion:113 Resp: 65114
Ion Ratio Lower Upper
113 100
111 104.1 82.4 123.6
192 19.7 14.1 21.1





#50

Toluene-d8

Concen: 50.901 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031521.D

Acq: 21 Sep 2022 13:55

Instrument :

MSVOA_X

ClientSampleId :

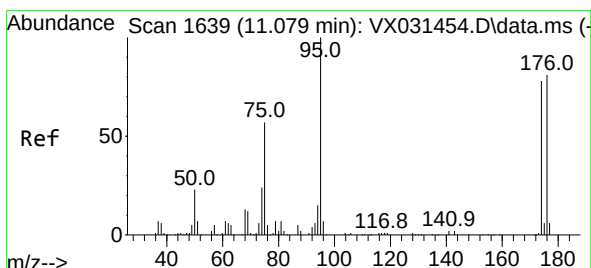
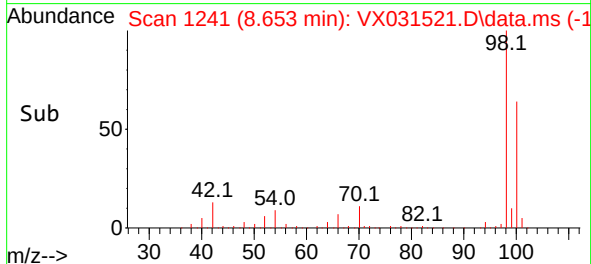
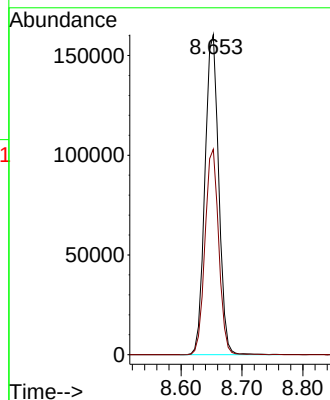
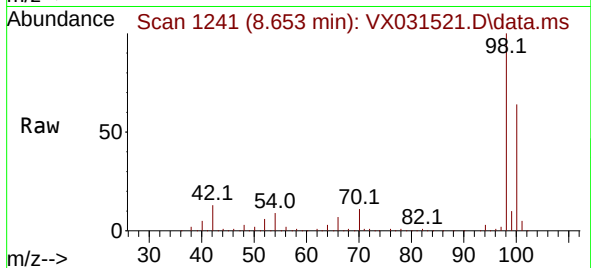
5869-1

Tgt Ion: 98 Resp: 252294

Ion Ratio Lower Upper

98 100

100 63.8 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 47.489 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031521.D

Acq: 21 Sep 2022 13:55

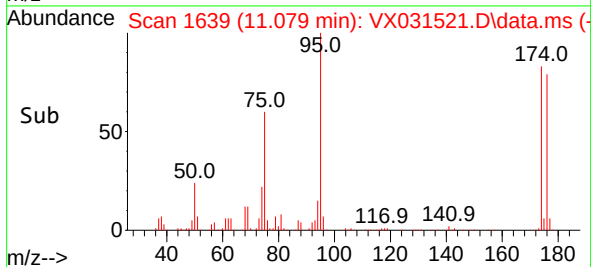
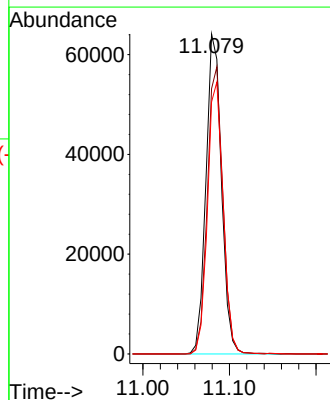
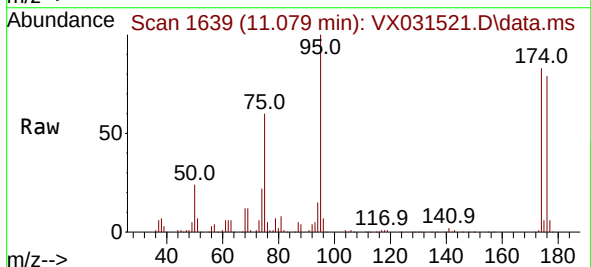
Tgt Ion: 95 Resp: 79730

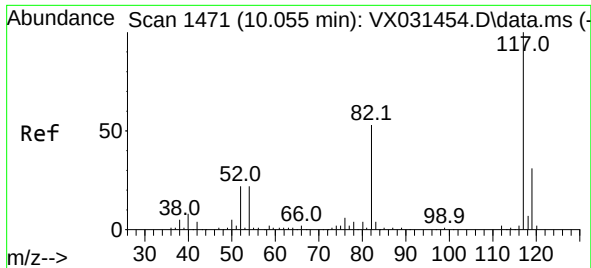
Ion Ratio Lower Upper

95 100

174 90.5 0.0 153.2

176 85.8 0.0 144.0

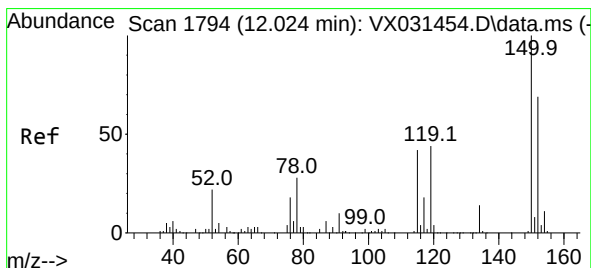
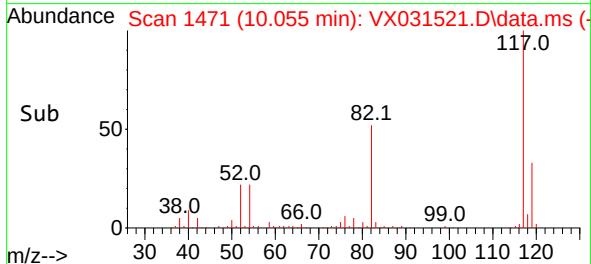
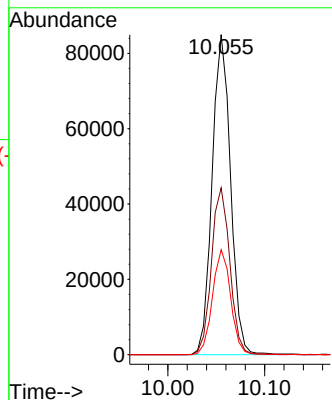
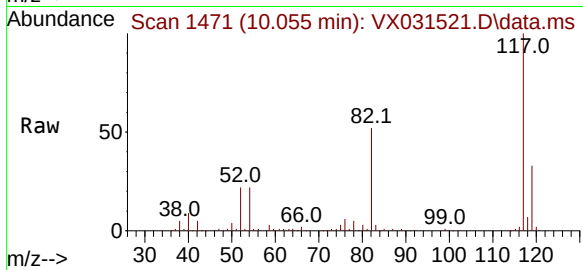




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031521.D
Acq: 21 Sep 2022 13:55

Instrument :
MSVOA_X
ClientSampleId :
5869-1

Tgt Ion:117 Resp: 112223
Ion Ratio Lower Upper
117 100
82 52.2 46.8 70.2
119 32.8 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031521.D
Acq: 21 Sep 2022 13:55

Tgt Ion:152 Resp: 51946
Ion Ratio Lower Upper
152 100
115 55.8 43.4 130.1
150 155.4 0.0 346.8

