

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071624\
 Data File : VX042340.D
 Acq On : 16 Jul 2024 14:01
 Operator : JC/MD
 Sample : P3224-29 50X
 Misc : 5.09g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 356STEVEN-14

Quant Time: Jul 17 05:36:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

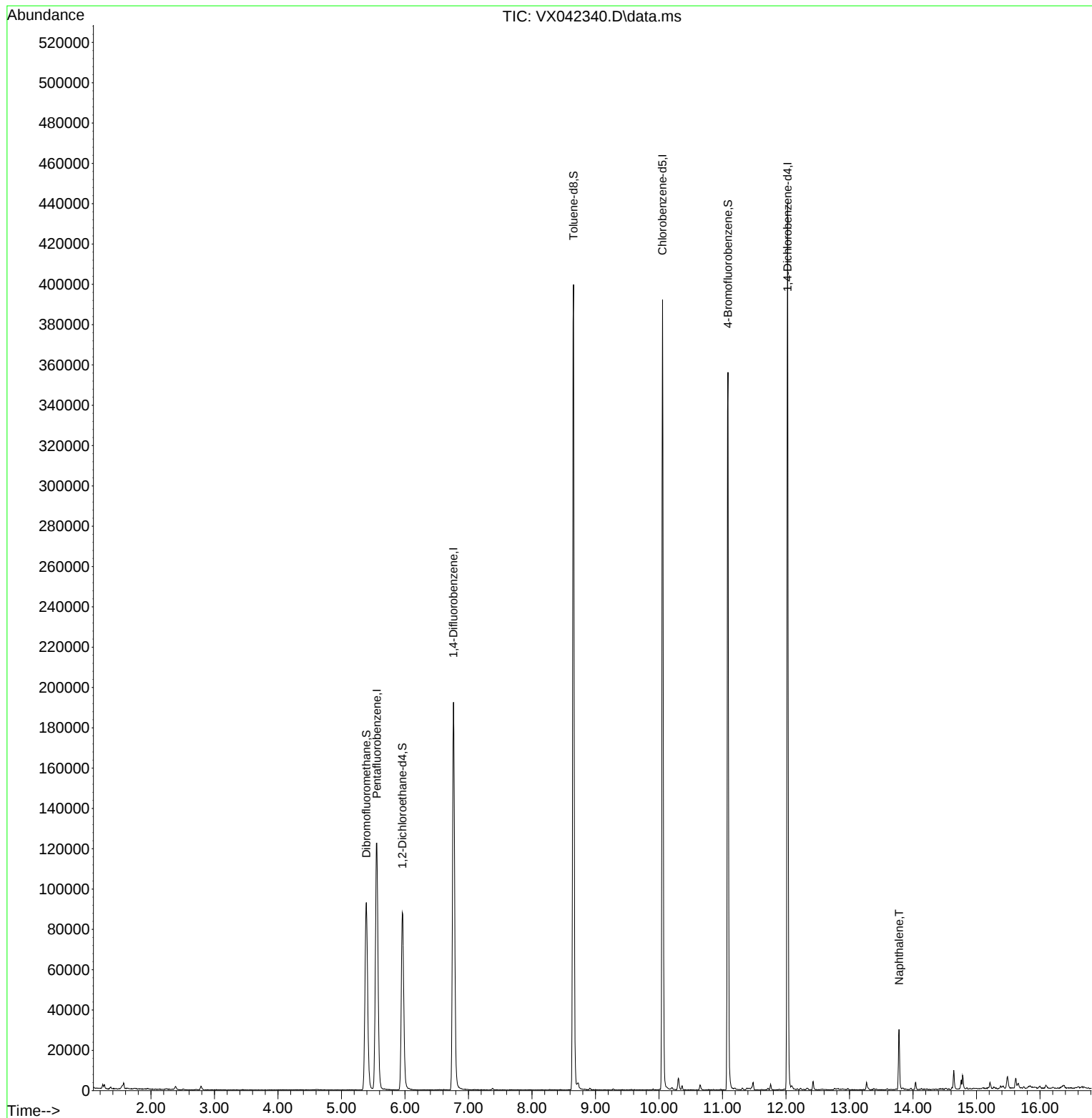
Internal Standards						
1) Pentafluorobenzene	5.556	168	137085	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	214956	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84358	53.365	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.740%	
35) Dibromofluoromethane	5.391	113	82555	54.127	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.260%	
50) Toluene-d8	8.653	98	250372	46.727	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 93.460%	
62) 4-Bromofluorobenzene	11.085	95	94826	48.009	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.020%	
Target Compounds						
					Qvalue	
95) Naphthalene	13.780	128	21717	3.669	ug/l	99

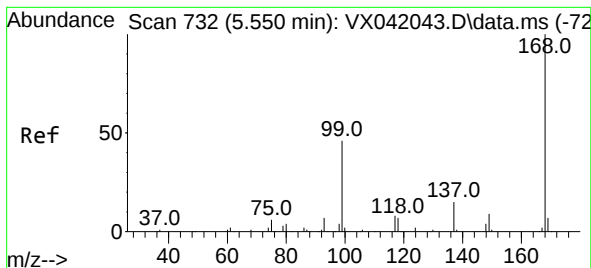
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX042340.D

Acq: 16 Jul 2024 14:01

Instrument :

MSVOA_X

ClientSampleId :

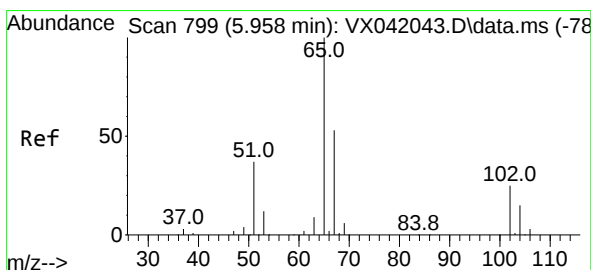
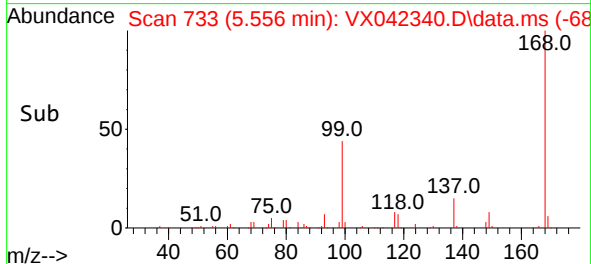
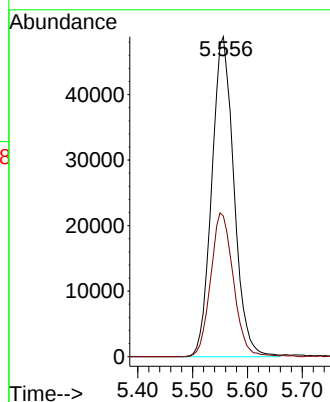
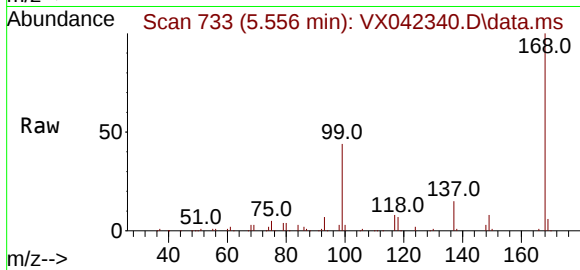
356STEVEN-14

Tgt Ion:168 Resp: 137085

Ion Ratio Lower Upper

168 100

99 43.9 56.6 85.0#



#33

1,2-Dichloroethane-d4

Concen: 53.365 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX042340.D

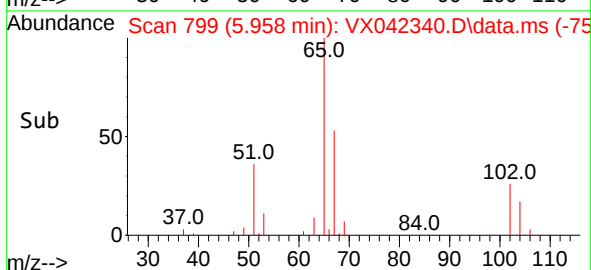
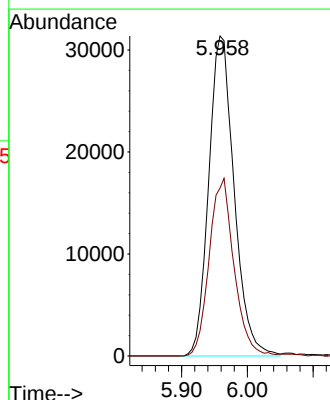
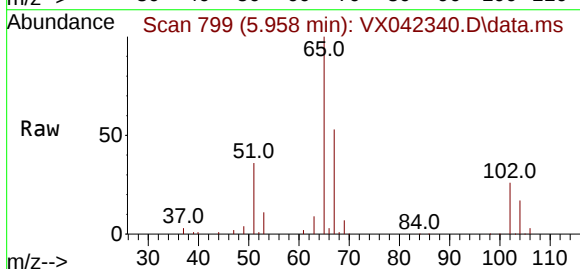
Acq: 16 Jul 2024 14:01

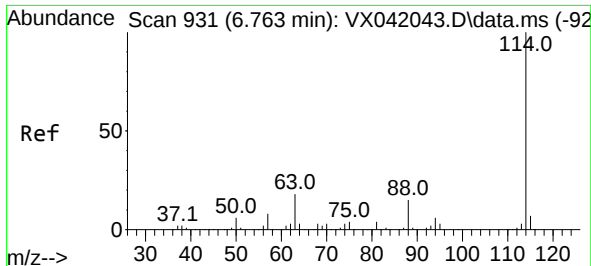
Tgt Ion: 65 Resp: 84358

Ion Ratio Lower Upper

65 100

67 54.0 0.0 100.2

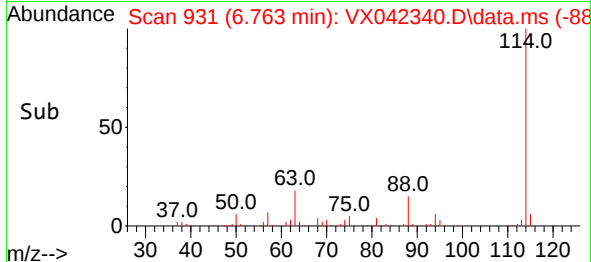
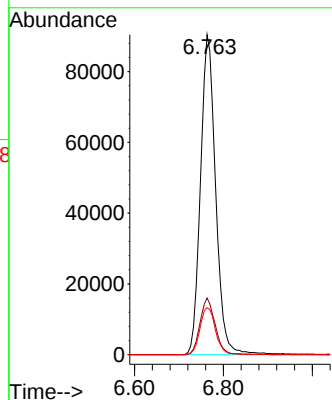
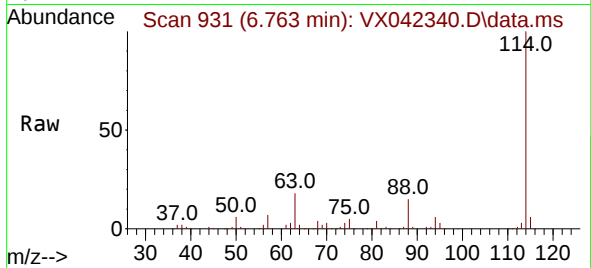




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042340.D
Acq: 16 Jul 2024 14:01

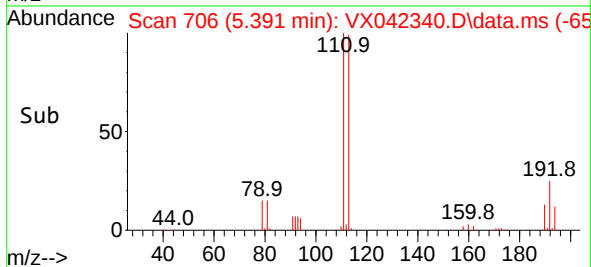
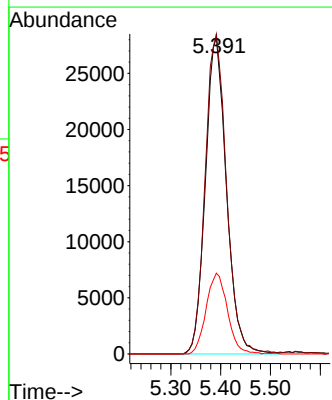
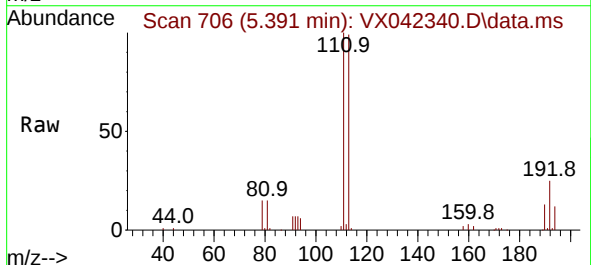
Instrument :
MSVOA_X
ClientSampleId :
356STEVEN-14

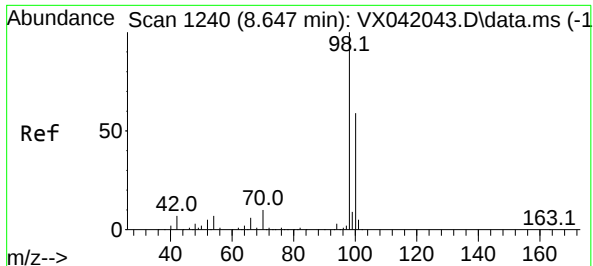
Tgt Ion:114 Resp: 214956
Ion Ratio Lower Upper
114 100
63 17.7 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 54.127 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX042340.D
Acq: 16 Jul 2024 14:01

Tgt Ion:113 Resp: 82555
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 25.8 13.3 19.9#





#50

Toluene-d8

Concen: 46.727 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX042340.D

Acq: 16 Jul 2024 14:01

Instrument :

MSVOA_X

ClientSampleId :

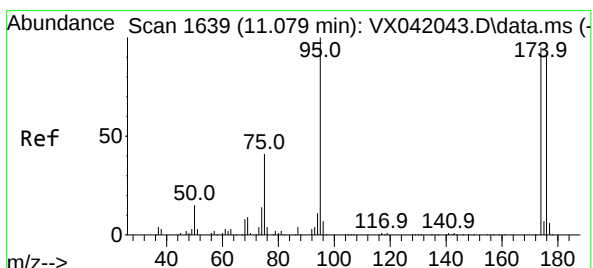
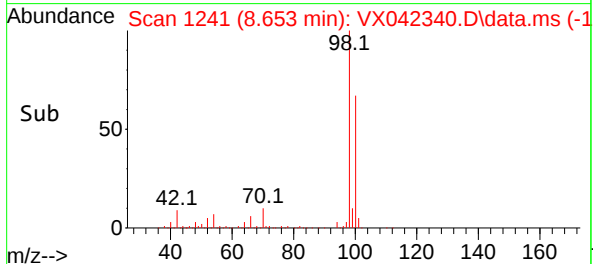
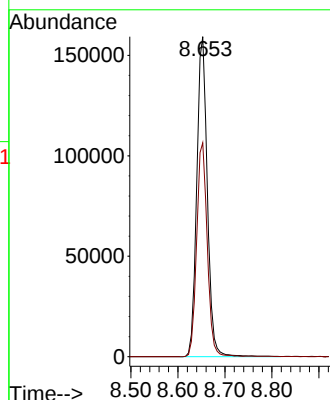
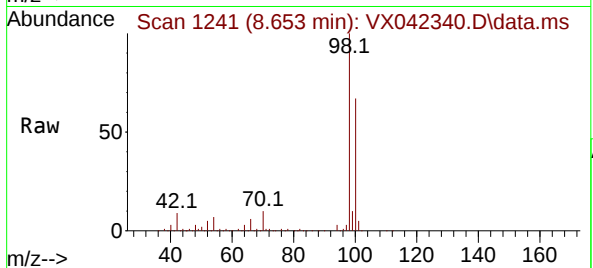
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Tgt Ion: 98 Resp: 250372

Ion Ratio Lower Upper

98 100

100 66.9 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 48.009 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX042340.D

Acq: 16 Jul 2024 14:01

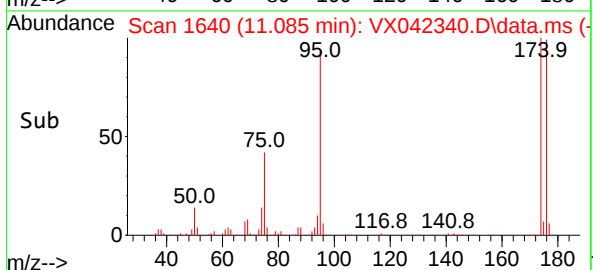
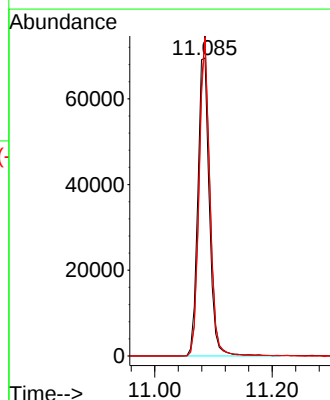
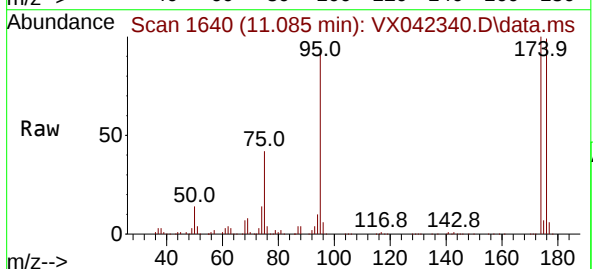
Tgt Ion: 95 Resp: 94826

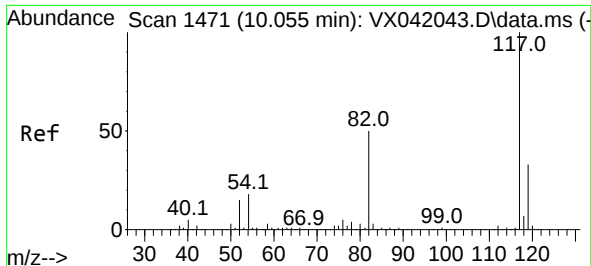
Ion Ratio Lower Upper

95 100

174 101.2 0.0 135.6

176 98.1 0.0 131.0

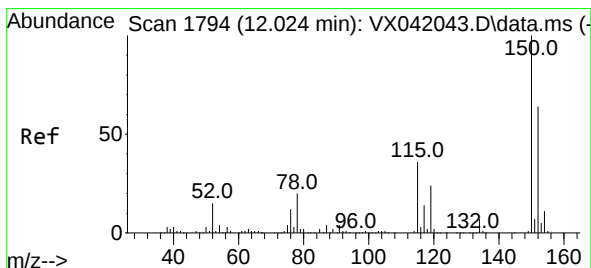
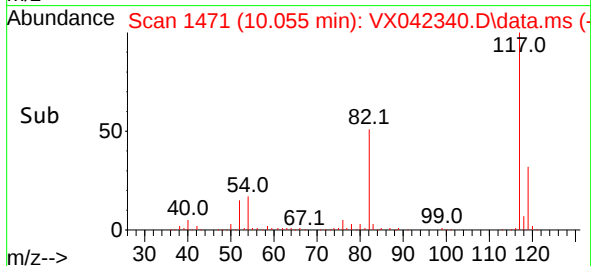
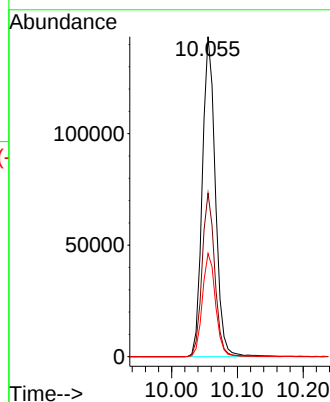
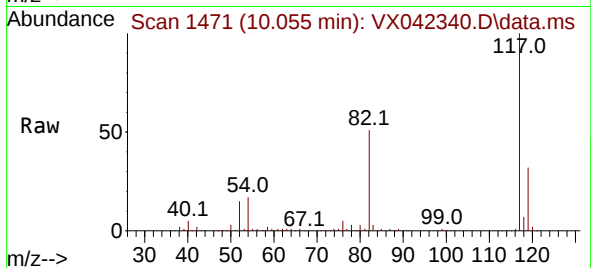




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042340.D
Acq: 16 Jul 2024 14:01

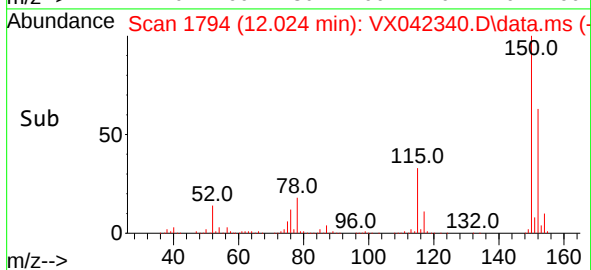
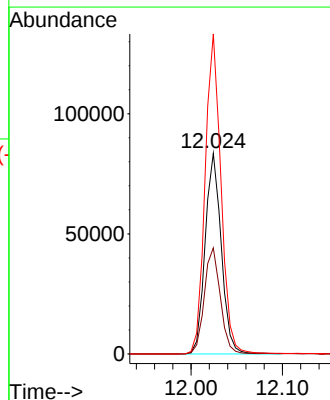
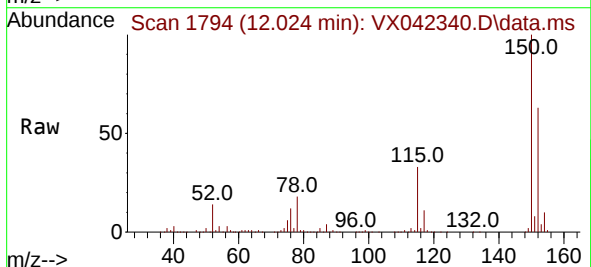
Instrument :
MSVOA_X
ClientSampleId :
356STEVEN-14

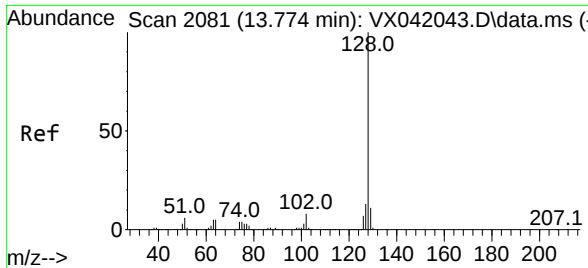
Tgt Ion:117 Resp: 198731
Ion Ratio Lower Upper
117 100
82 51.1 46.2 69.4
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042340.D
Acq: 16 Jul 2024 14:01

Tgt Ion:152 Resp: 102142
Ion Ratio Lower Upper
152 100
115 52.6 43.3 129.9
150 157.2 0.0 345.0





#95
Naphthalene
Concen: 3.669 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042340.D
Acq: 16 Jul 2024 14:01

Instrument :
MSVOA_X
ClientSampleId :
356STEVEN-14

Tgt Ion:	128	Resp:	21717
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.5	8.8	13.2

