

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053123\
 Data File : VX035942.D
 Acq On : 31 May 2023 17:32
 Operator : JC/MD
 Sample : 02899-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
ClientSampleId :
 TWP01

Quant Time: Jun 01 05:16:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	227851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	370862	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	326151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153065	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	152995	41.350	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery =	82.700%		
35) Dibromofluoromethane	5.385	113	111607	44.743	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery =	89.480%		
50) Toluene-d8	8.646	98	433519	48.426	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery =	96.860%		
62) 4-Bromofluorobenzene	11.079	95	166341	47.069	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery =	94.140%		

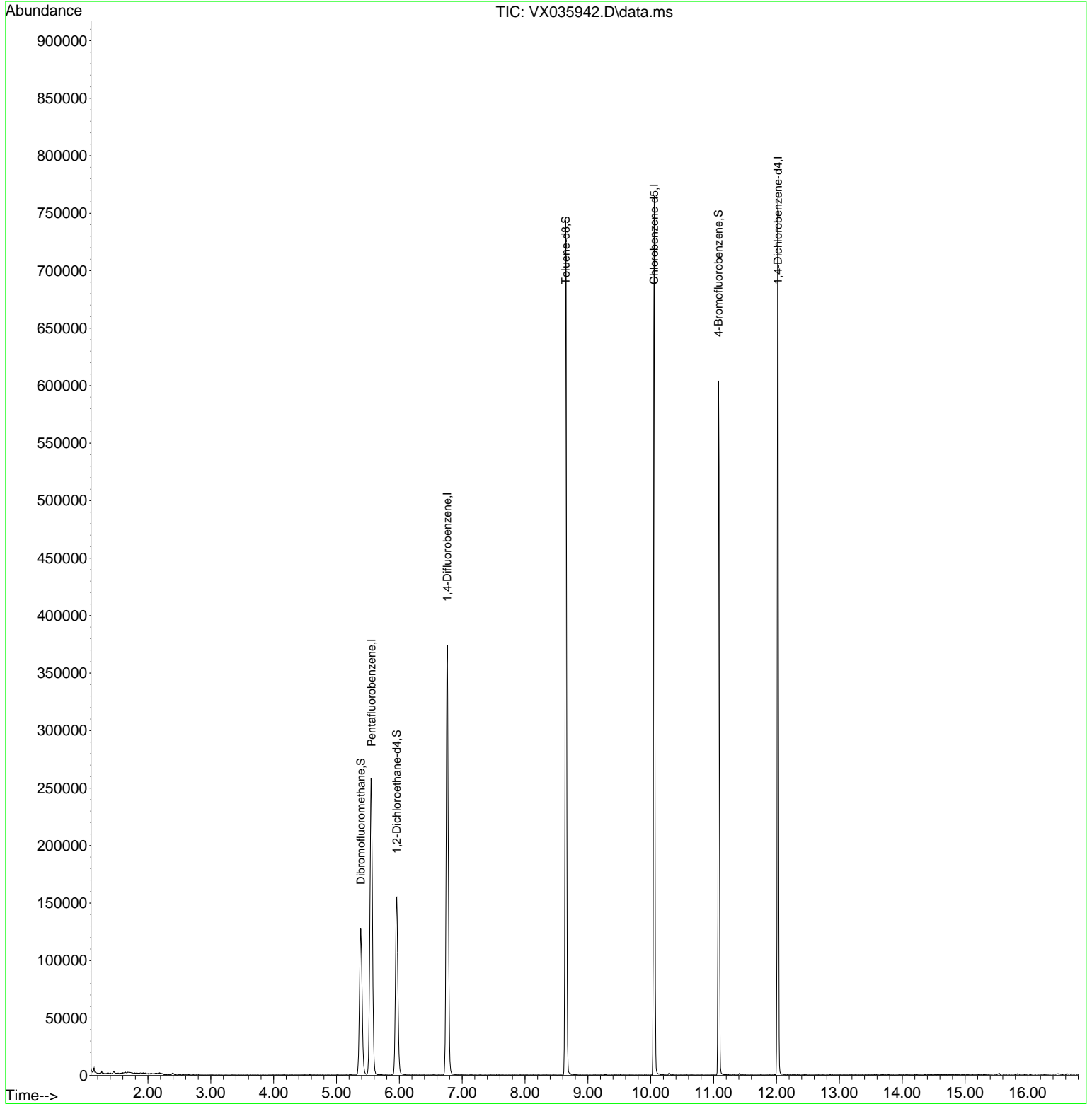
Target Compounds Qvalue

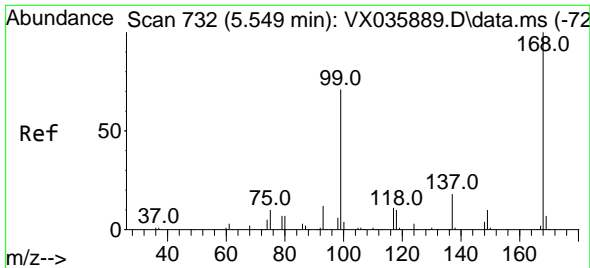
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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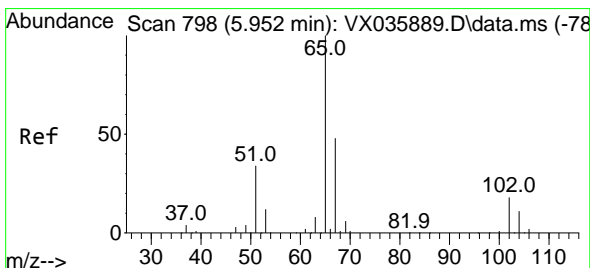
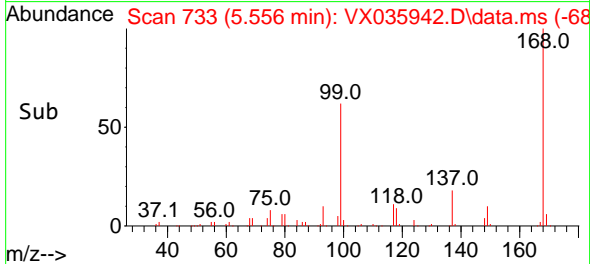
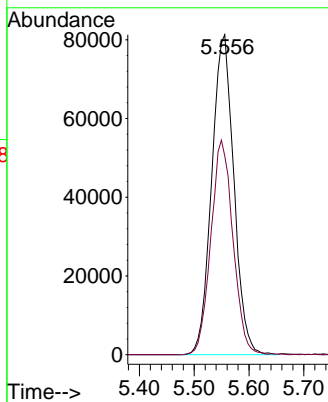
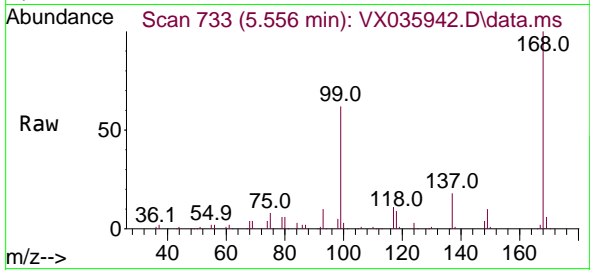




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.556 min Scan# 711
 Delta R.T. 0.007 min
 Lab File: VX035942.D
 Acq: 31 May 2023 17:32

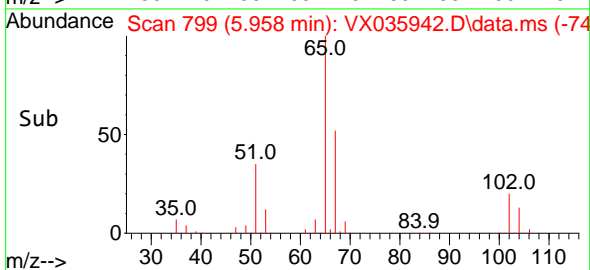
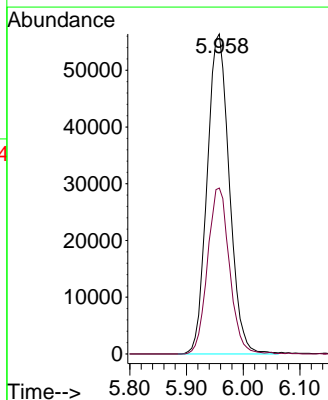
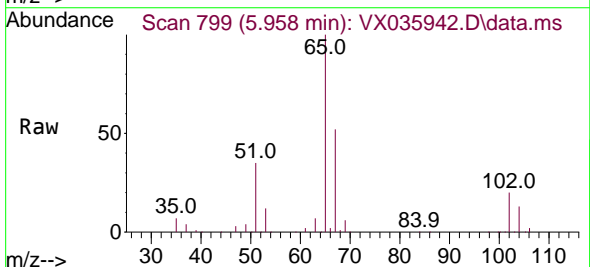
Instrument :
 MSVOA_X
 ClientSampleId :
 TWP01

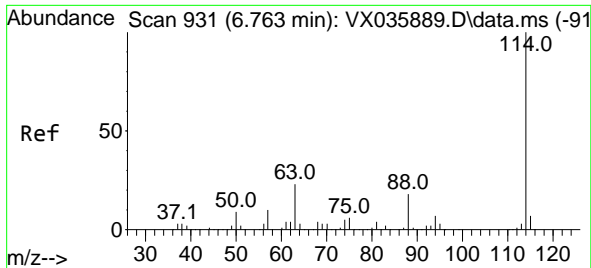
Tgt Ion:168 Resp: 227851
 Ion Ratio Lower Upper
 168 100
 99 62.1 57.0 85.6



#33
 1,2-Dichloroethane-d4
 Concen: 41.350 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.006 min
 Lab File: VX035942.D
 Acq: 31 May 2023 17:32

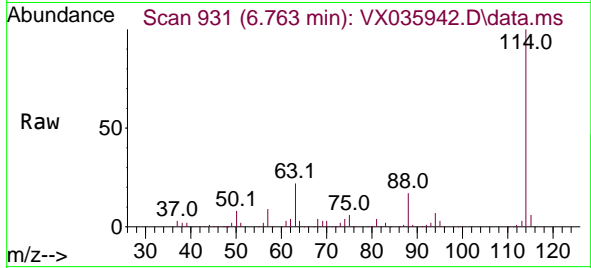
Tgt Ion: 65 Resp: 152995
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 99.6





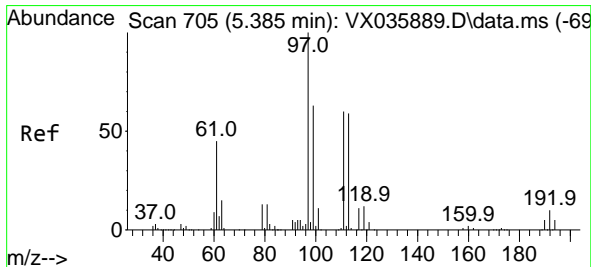
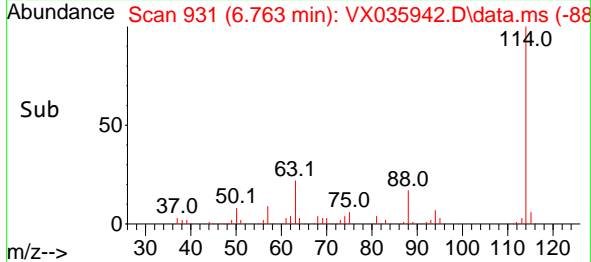
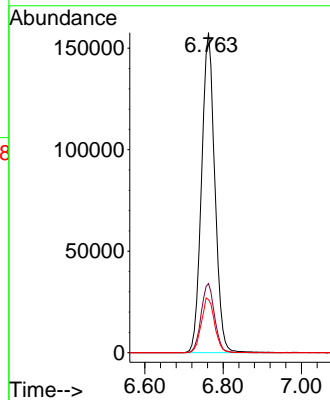
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX035942.D
 Acq: 31 May 2023 17:32

Instrument : MSVOA_X
 ClientSampleId : TWP01



Tgt Ion:114 Resp: 370862

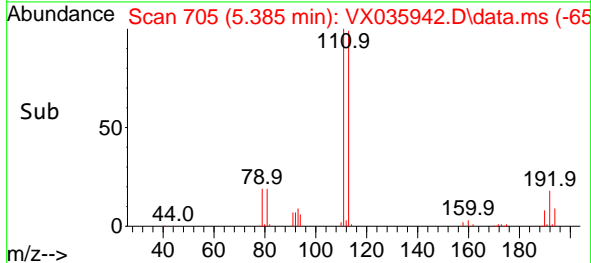
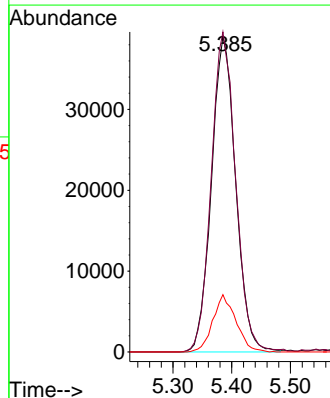
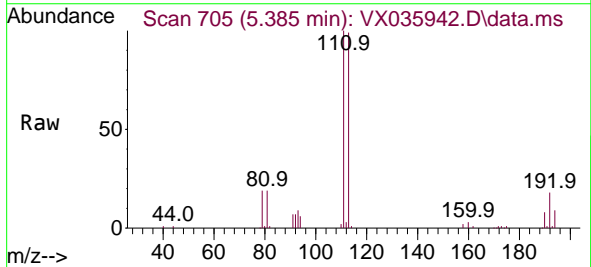
Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	46.0
88	16.6	0.0	35.2

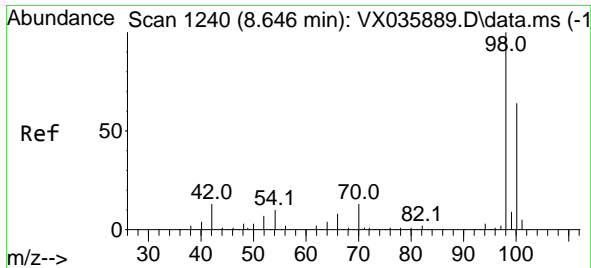


#35
 Dibromofluoromethane
 Concen: 44.743 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. -0.000 min
 Lab File: VX035942.D
 Acq: 31 May 2023 17:32

Tgt Ion:113 Resp: 111607

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.7	122.5
192	17.4	13.5	20.3

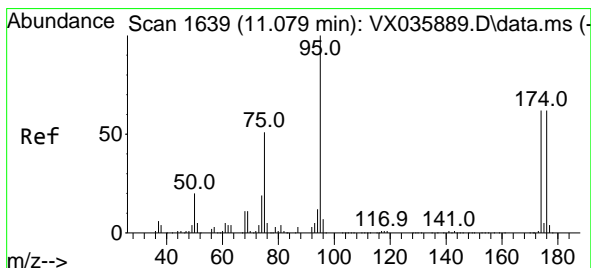
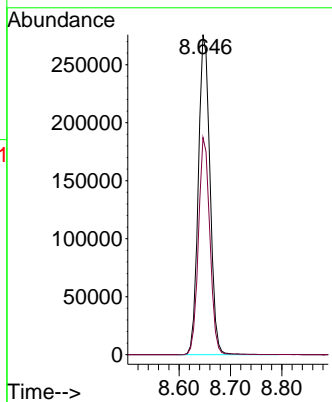
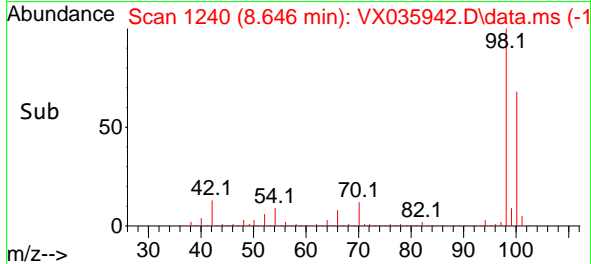
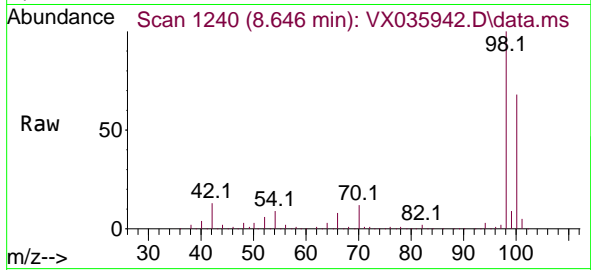




#50
 Toluene-d8
 Concen: 48.426 ug/l
 RT: 8.646 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035942.D
 Acq: 31 May 2023 17:32

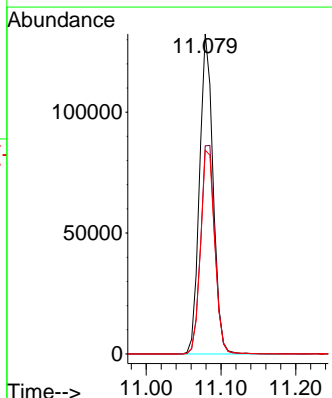
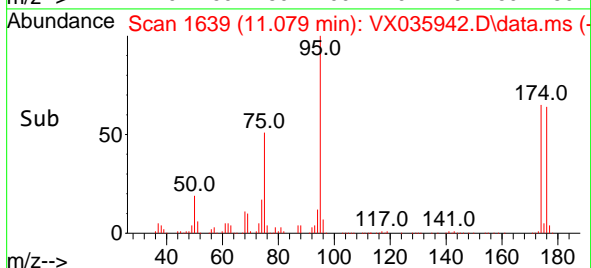
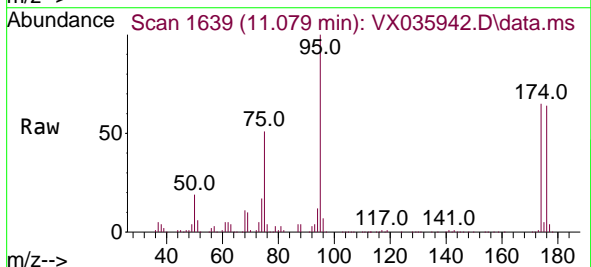
Instrument :
 MSVOA_X
 ClientSampleId :
 TWP01

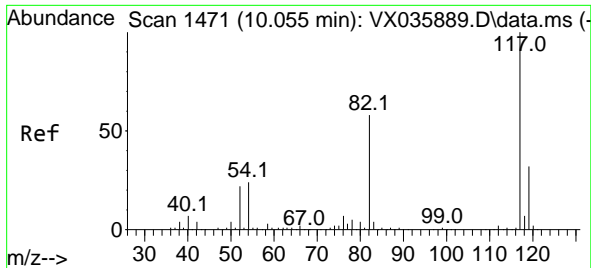
Tgt Ion: 98 Resp: 433519
 Ion Ratio Lower Upper
 98 100
 100 66.6 53.4 80.0



#62
 4-Bromofluorobenzene
 Concen: 47.069 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX035942.D
 Acq: 31 May 2023 17:32

Tgt Ion: 95 Resp: 166341
 Ion Ratio Lower Upper
 95 100
 174 68.3 0.0 132.6
 176 66.5 0.0 128.0

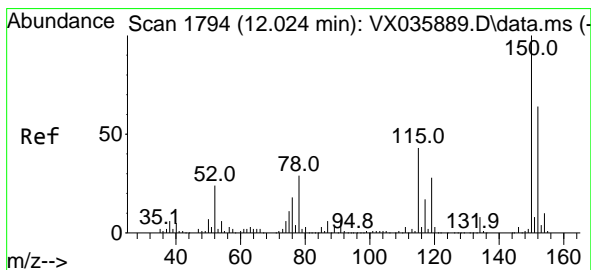
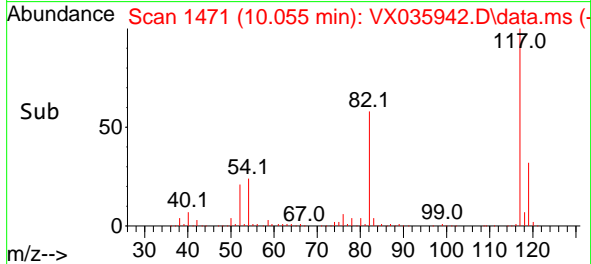
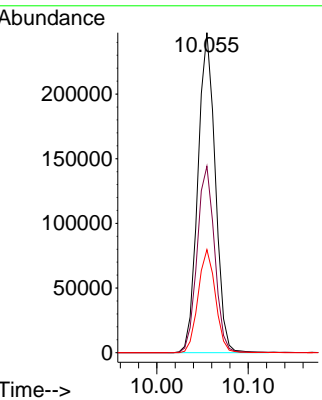
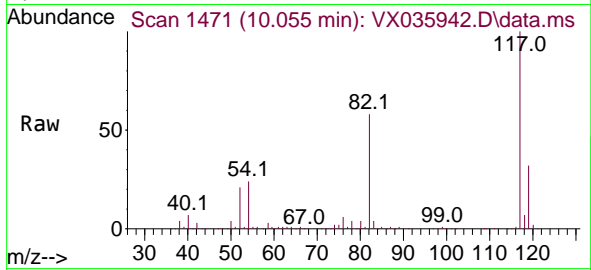




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.055 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VX035942.D
 Acq: 31 May 2023 17:32

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP01

Tgt Ion	Resp	Lower	Upper
117	326151		
117	100		
82	58.2	46.6	69.8
119	32.2	25.4	38.2



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX035942.D
 Acq: 31 May 2023 17:32

Tgt Ion	Resp	Lower	Upper
152	153065		
152	100		
115	65.4	45.5	136.5
150	159.2	0.0	345.2

