

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062124\
 Data File : VX041980.D
 Acq On : 21 Jun 2024 14:47
 Operator : JC/MD
 Sample : P3002-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-196-TB-20240618

Quant Time: Jun 22 04:42:15 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	5.549	168	161469	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	246305	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84035	45.133	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.260%
35) Dibromofluoromethane	5.391	113	79639	45.569	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.140%
50) Toluene-d8	8.653	98	286838	46.719	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.440%
62) 4-Bromofluorobenzene	11.079	95	101255	44.739	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.480%

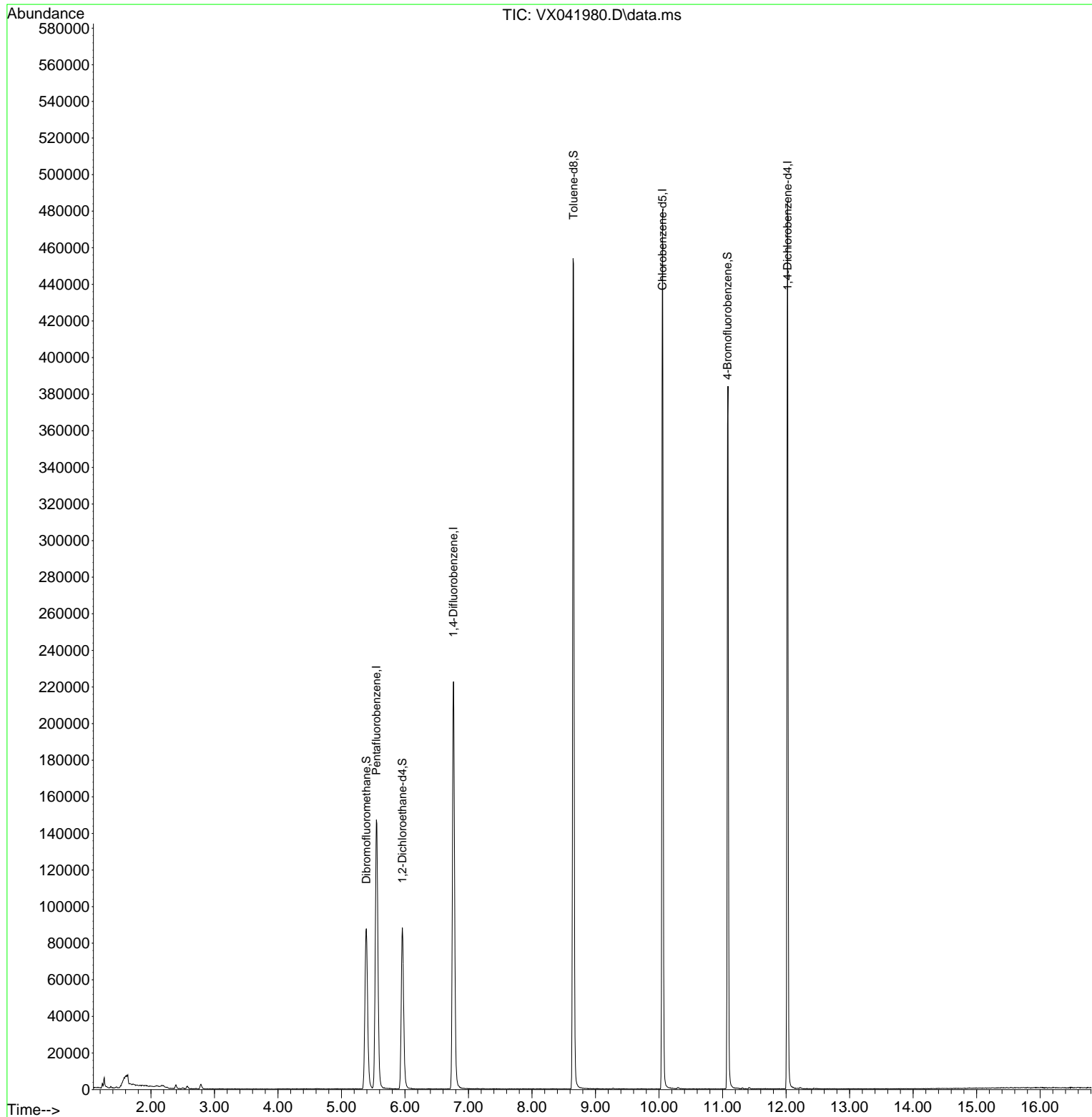
Target Compounds Qvalue

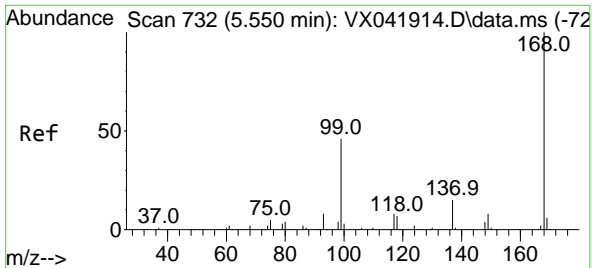
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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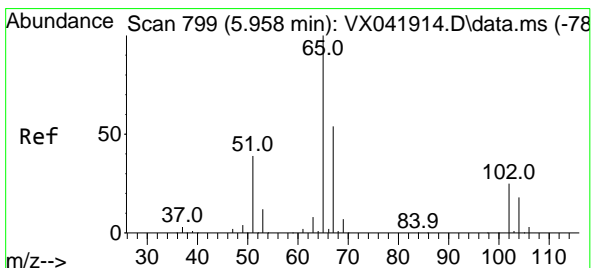
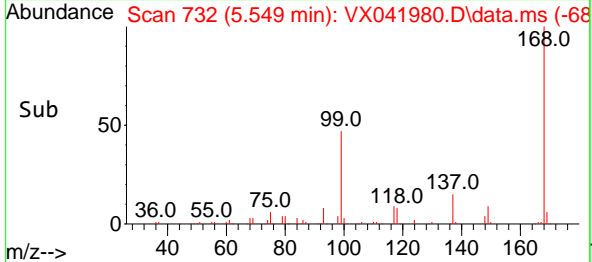
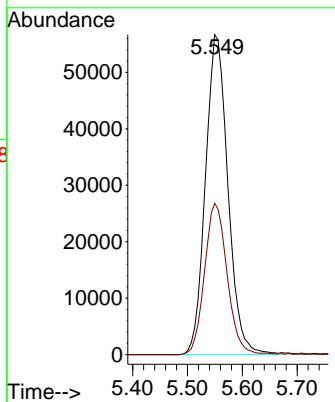
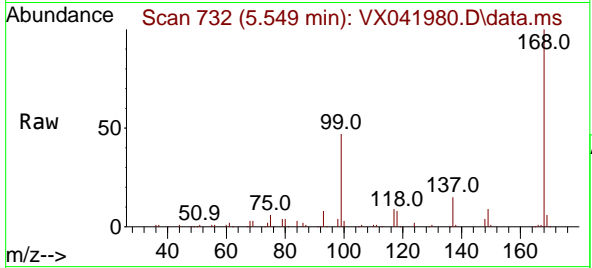




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.549 min Scan# 711
 Delta R.T. -0.001 min
 Lab File: VX041980.D
 Acq: 21 Jun 2024 14:47

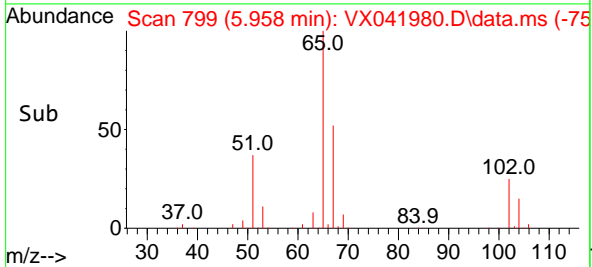
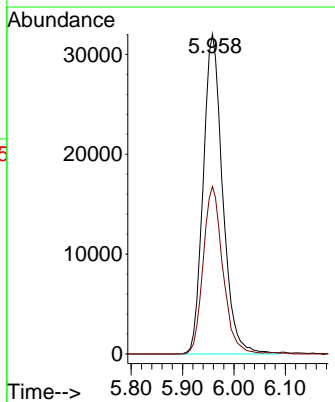
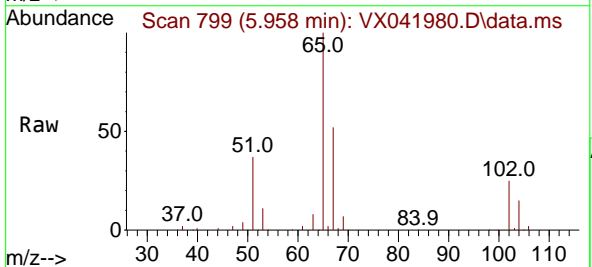
Instrument : MSVOA_X
 ClientSampleId : BP-VPB-196-TB-20240618

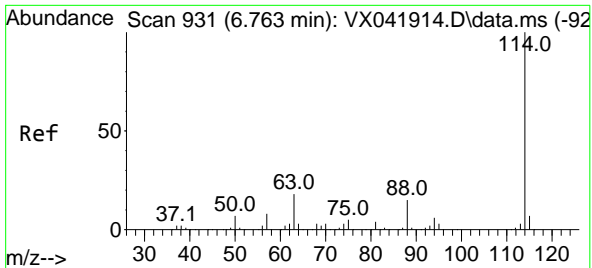
Tgt Ion:168 Resp: 161469
 Ion Ratio Lower Upper
 168 100
 99 47.3 56.6 85.0#



#33
 1,2-Dichloroethane-d4
 Concen: 45.133 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX041980.D
 Acq: 21 Jun 2024 14:47

Tgt Ion: 65 Resp: 84035
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 100.2



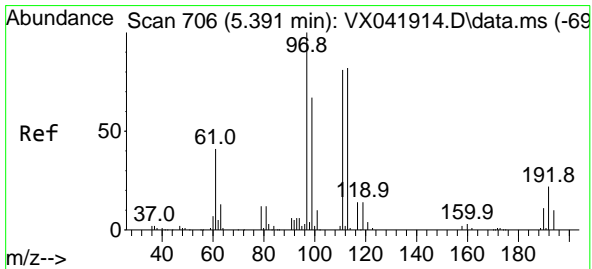
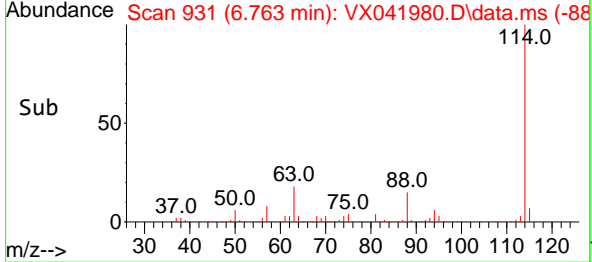
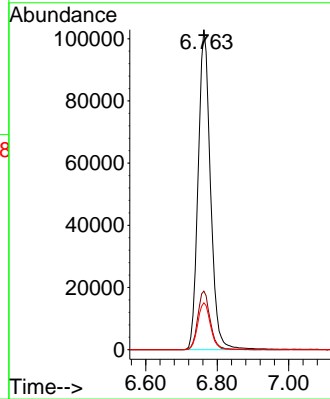
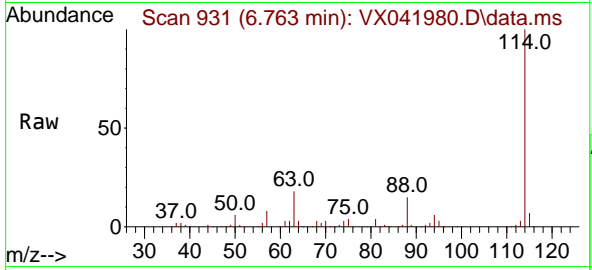


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX041980.D
 Acq: 21 Jun 2024 14:47

Instrument : MSVOA_X
 ClientSampleId : BP-VPB-196-TB-20240618

Tgt Ion:114 Resp: 246305

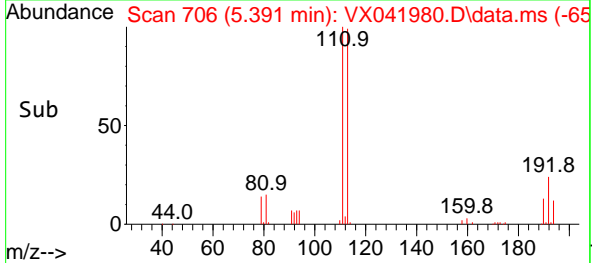
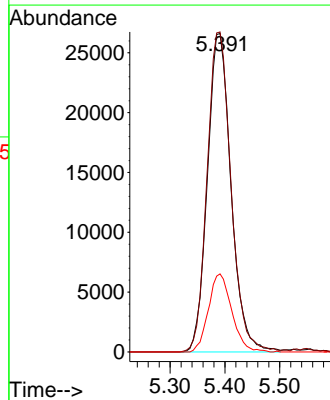
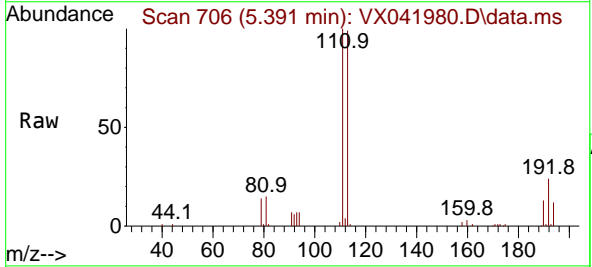
Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	45.0
88	14.6	0.0	36.6

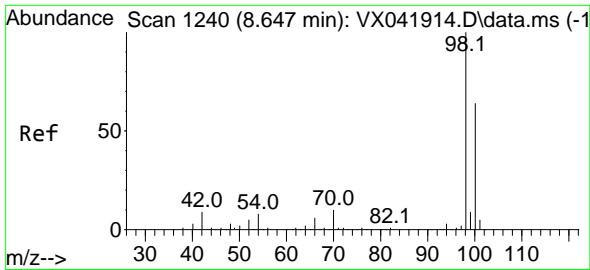


#35
 Dibromofluoromethane
 Concen: 45.569 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. -0.000 min
 Lab File: VX041980.D
 Acq: 21 Jun 2024 14:47

Tgt Ion:113 Resp: 79639

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.9	124.3
192	24.2	13.3	19.9

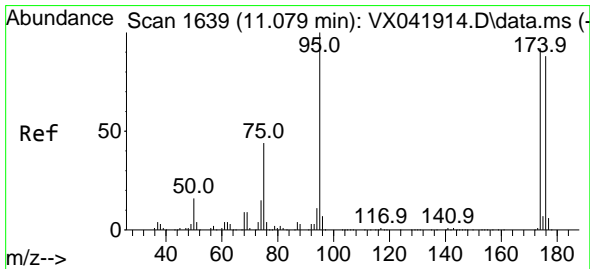
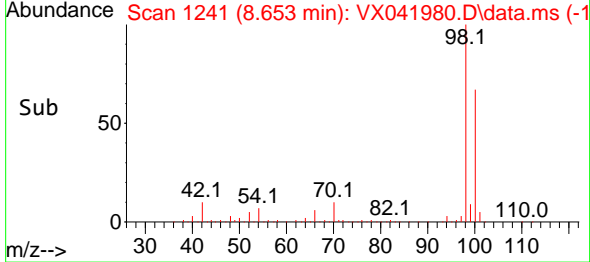
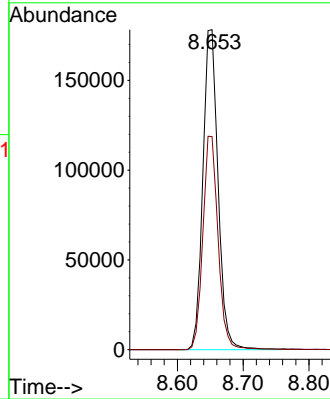
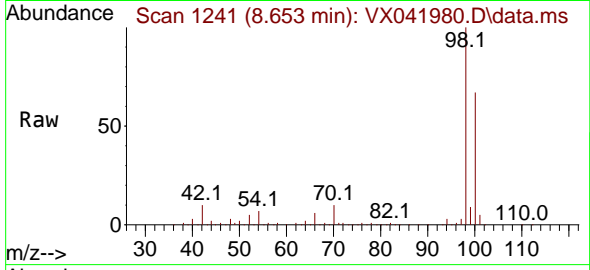




#50
 Toluene-d8
 Concen: 46.719 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.006 min
 Lab File: VX041980.D
 Acq: 21 Jun 2024 14:47

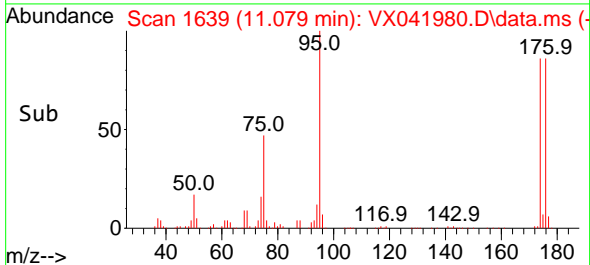
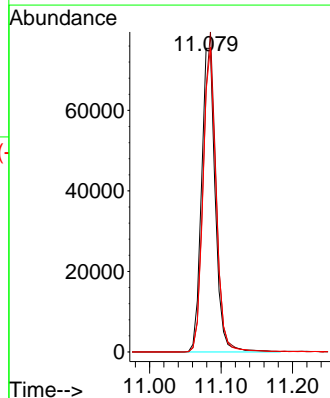
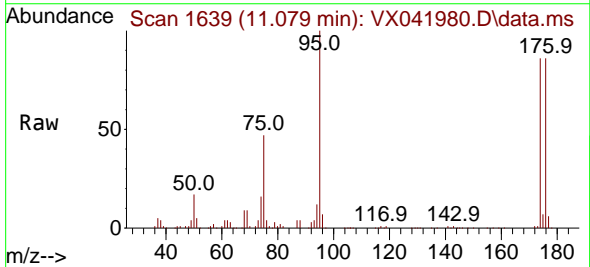
Instrument : MSVOA_X
 ClientSampleId : BP-VPB-196-TB-20240618

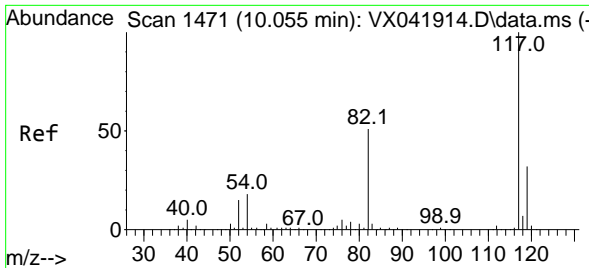
Tgt Ion: 98 Resp: 286838
 Ion Ratio Lower Upper
 98 100
 100 66.6 53.1 79.7



#62
 4-Bromofluorobenzene
 Concen: 44.739 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX041980.D
 Acq: 21 Jun 2024 14:47

Tgt Ion: 95 Resp: 101255
 Ion Ratio Lower Upper
 95 100
 174 98.4 0.0 135.6
 176 94.9 0.0 131.0



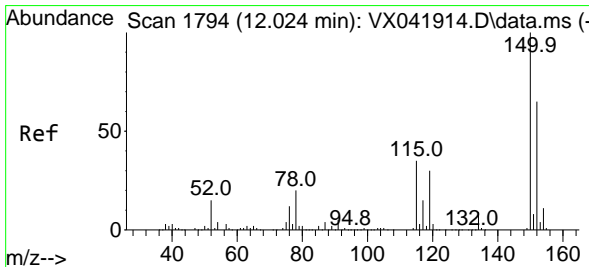
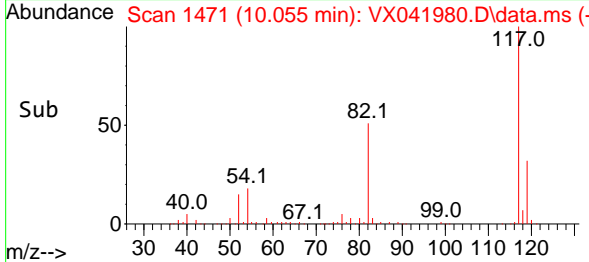
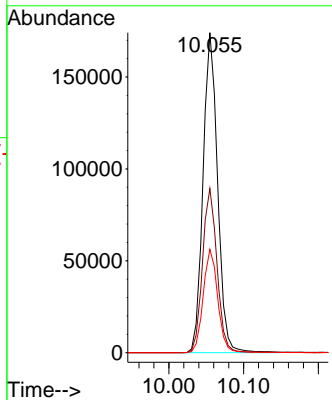
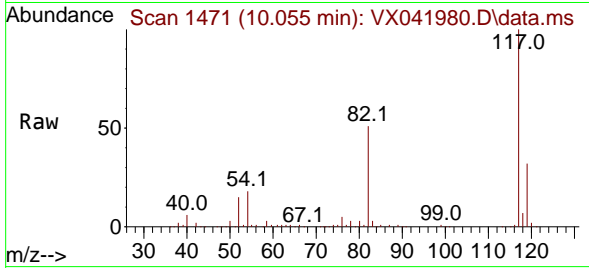


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.055 min Scan# 1471
 Delta R.T. -0.000 min
 Lab File: VX041980.D
 Acq: 21 Jun 2024 14:47

Instrument : MSVOA_X
 ClientSampleId : BP-VPB-196-TB-20240618

Tgt Ion:117 Resp: 235228

Ion	Ratio	Lower	Upper
117	100		
82	51.3	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: VX041980.D
 Acq: 21 Jun 2024 14:47

Tgt Ion:152 Resp: 113475

Ion	Ratio	Lower	Upper
152	100		
115	52.5	43.3	129.9
150	153.9	0.0	345.0

