

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081522\
 Data File : VD074093.D
 Acq On : 15 Aug 2022 14:01
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
ClientSampleId :
 VIBLK

Quant Time: Aug 15 17:19:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 15 16:49:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.967	168	119520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	252215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	257202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	125083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	80411	97.566	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 195.140%#	
35) Dibromofluoromethane	7.903	113	90950	56.431	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.860%	
50) Toluene-d8	10.332	98	313279	64.021	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 128.040%	
62) 4-Bromofluorobenzene	12.620	95	115641	57.228	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.460%	

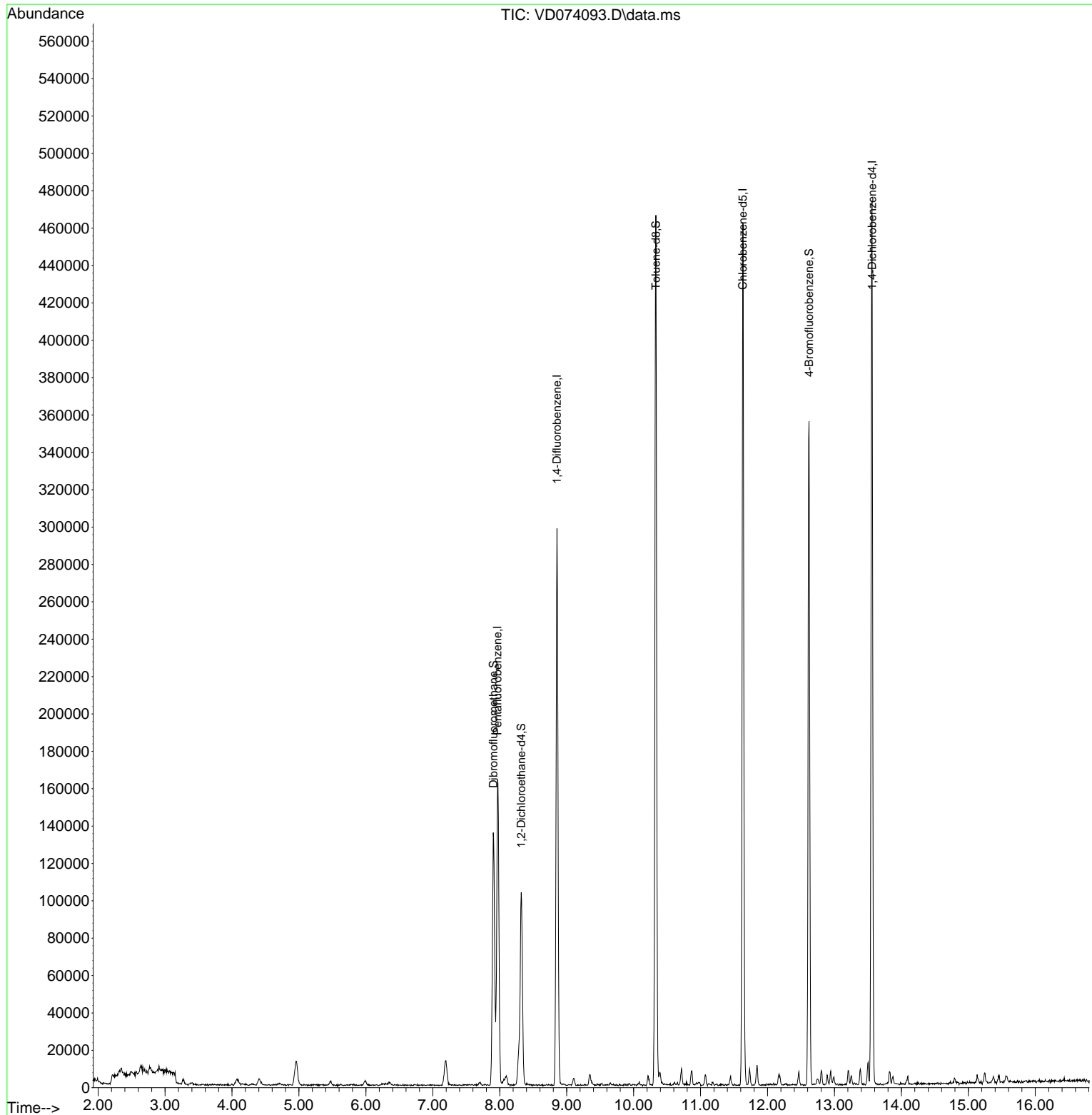
Target Compounds Qvalue

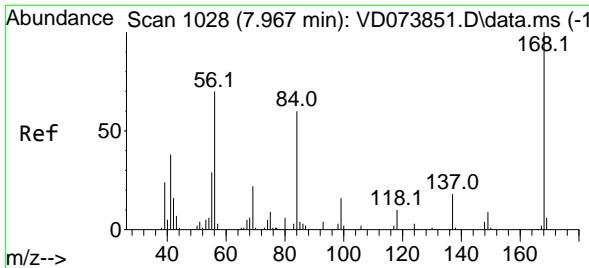
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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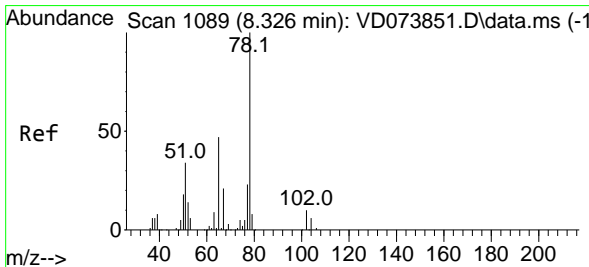
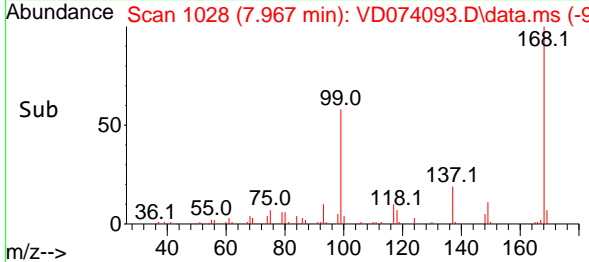
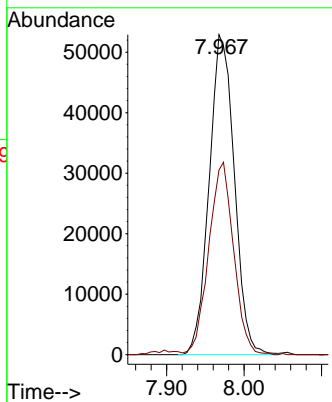
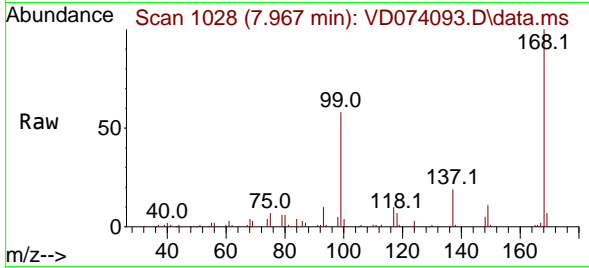




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.967 min Scan# 1028
 Delta R.T. 0.000 min
 Lab File: VD074093.D
 Acq: 15 Aug 2022 14:01

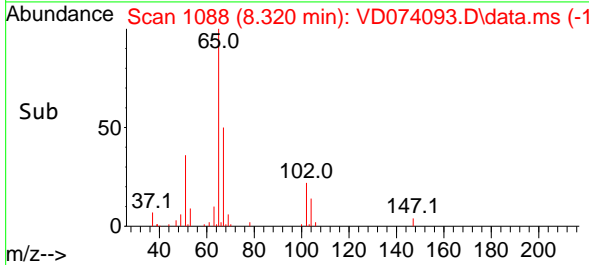
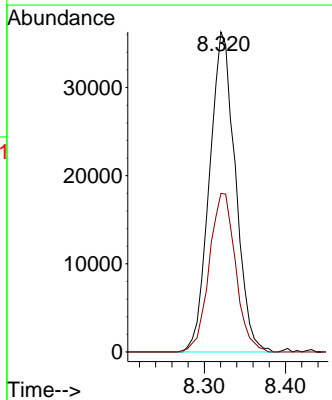
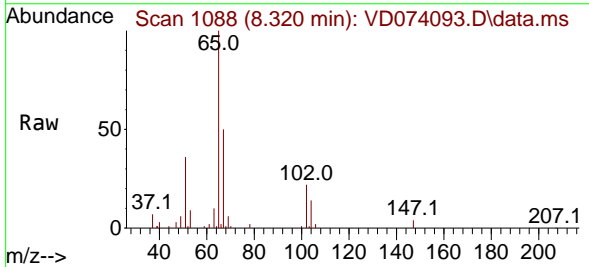
Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

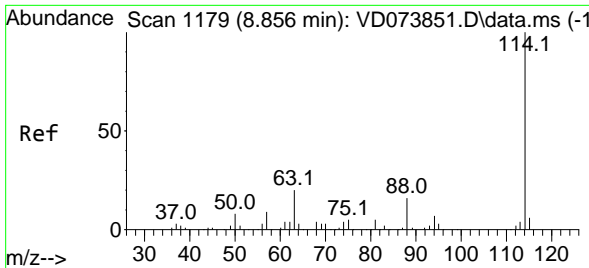
Tgt Ion:168 Resp: 119520
 Ion Ratio Lower Upper
 168 100
 99 57.7 49.8 74.6



#33
 1,2-Dichloroethane-d4
 Concen: 97.566 ug/l
 RT: 8.320 min Scan# 1088
 Delta R.T. -0.006 min
 Lab File: VD074093.D
 Acq: 15 Aug 2022 14:01

Tgt Ion: 65 Resp: 80411
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.4

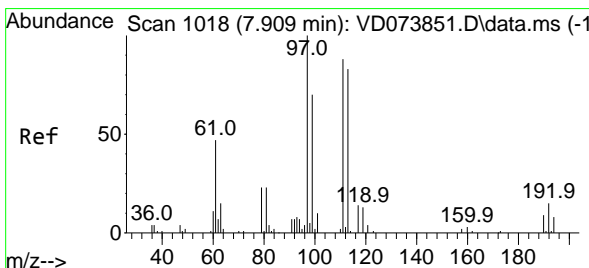
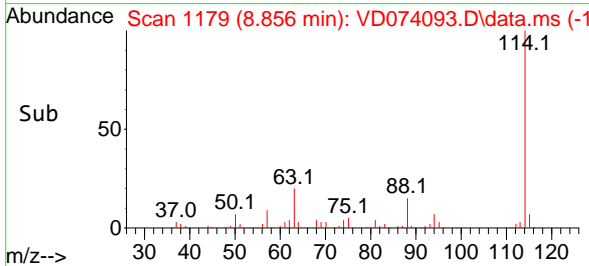
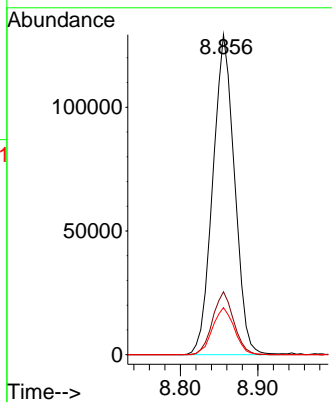
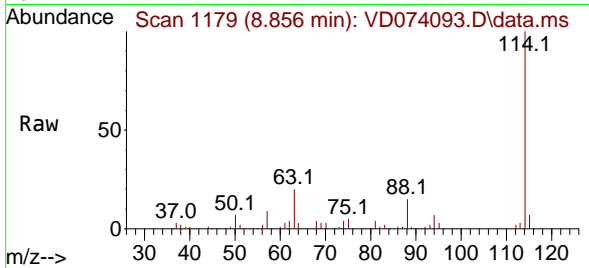




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.856 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: VD074093.D
 Acq: 15 Aug 2022 14:01

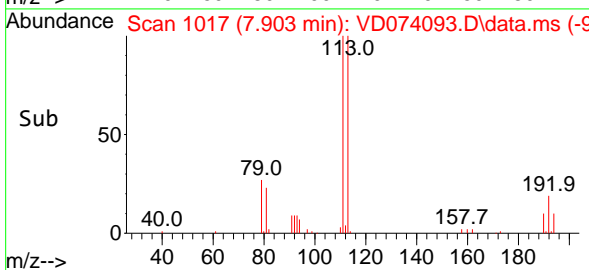
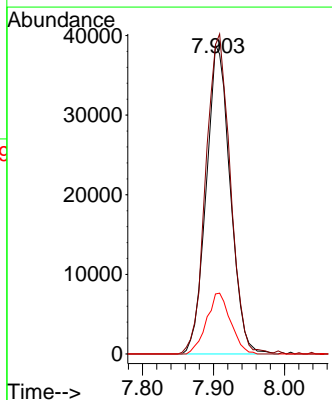
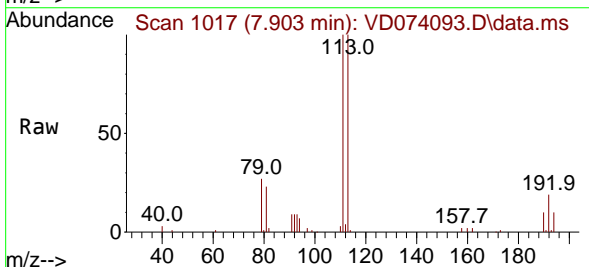
Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

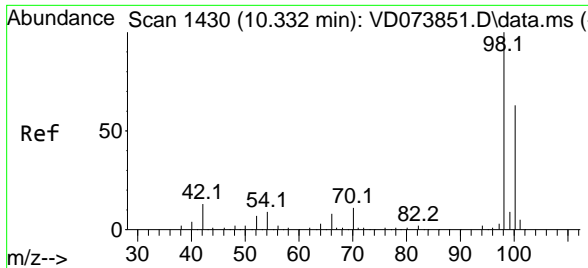
Tgt Ion	Resp	Lower	Upper
114	100		
63	19.7	0.0	46.6
88	14.7	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 56.431 ug/l
 RT: 7.903 min Scan# 1017
 Delta R.T. -0.006 min
 Lab File: VD074093.D
 Acq: 15 Aug 2022 14:01

Tgt Ion	Resp	Lower	Upper
113	100		
111	105.8	83.8	125.6
192	19.7	14.6	21.8

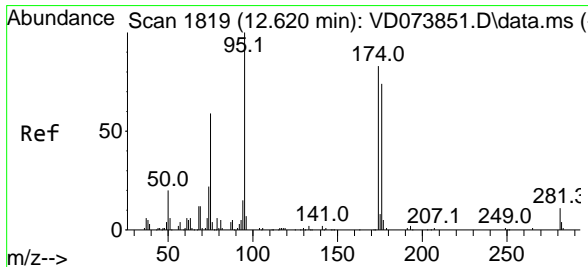
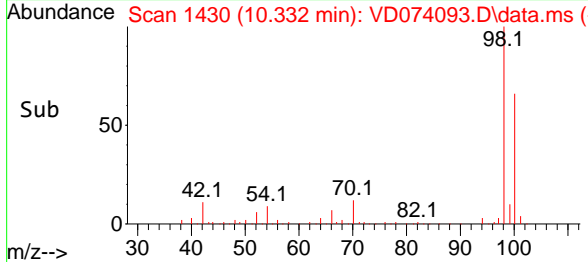
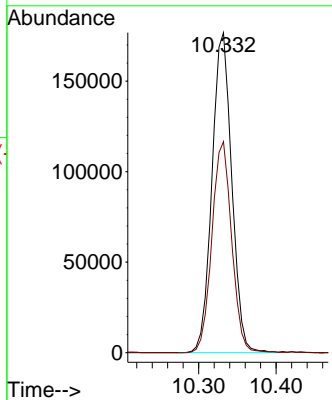
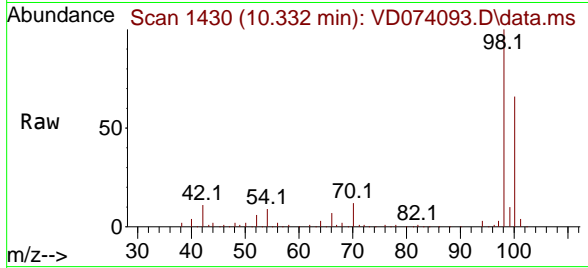




#50
 Toluene-d8
 Concen: 64.021 ug/l
 RT: 10.332 min Scan# 1430
 Delta R.T. 0.000 min
 Lab File: VD074093.D
 Acq: 15 Aug 2022 14:01

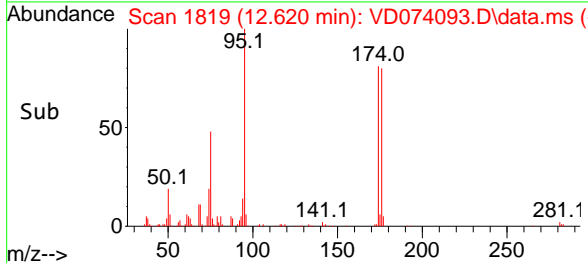
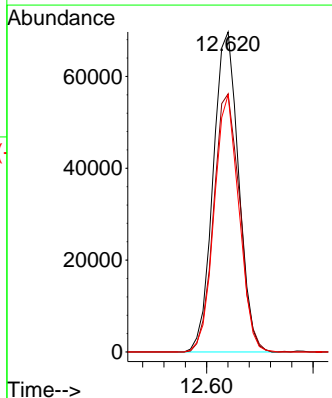
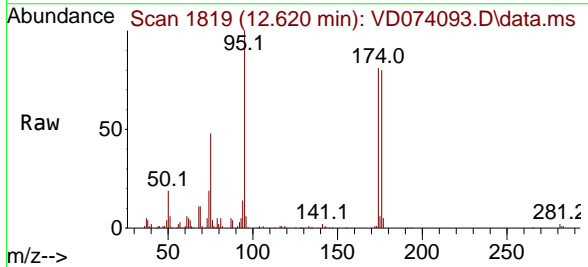
Instrument : MSVOA_D
 ClientSampleId : VIBLK

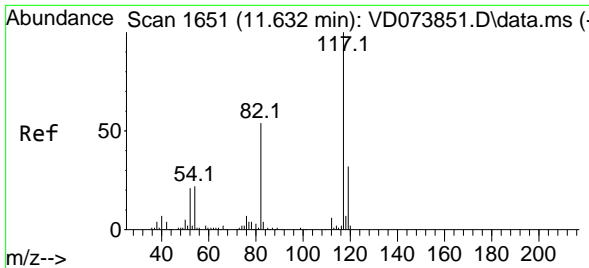
Tgt Ion: 98 Resp: 313279
 Ion Ratio Lower Upper
 98 100
 100 65.9 52.4 78.6



#62
 4-Bromofluorobenzene
 Concen: 57.228 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.000 min
 Lab File: VD074093.D
 Acq: 15 Aug 2022 14:01

Tgt Ion: 95 Resp: 115641
 Ion Ratio Lower Upper
 95 100
 174 82.4 0.0 152.8
 176 78.0 0.0 145.4



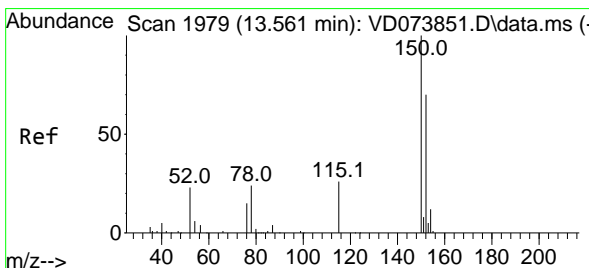
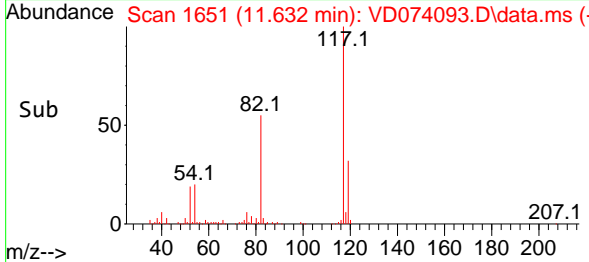
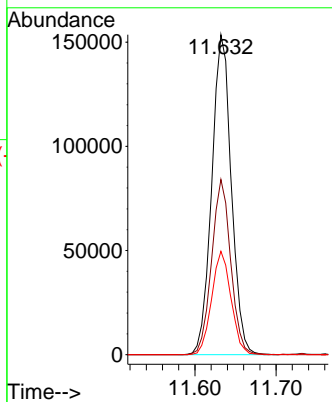
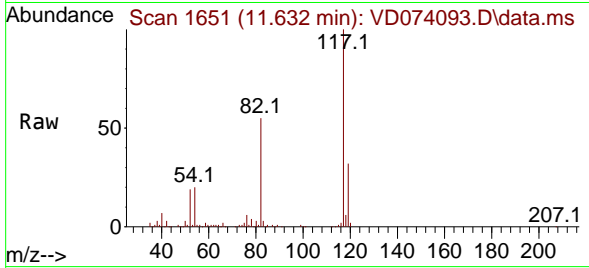


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.632 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VD074093.D
 Acq: 15 Aug 2022 14:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Tgt Ion:117 Resp: 257202

Ion	Ratio	Lower	Upper
117	100		
82	54.8	45.3	67.9
119	32.3	26.6	40.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD074093.D
 Acq: 15 Aug 2022 14:01

Tgt Ion:152 Resp: 125083

Ion	Ratio	Lower	Upper
152	100		
115	61.1	31.3	93.8
150	158.5	0.0	348.6

