

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
 Data File : VD078693.D
 Acq On : 18 Mar 2024 13:35
 Operator : RP/MD
 Sample : P1326-03
 Misc : 5.01G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1

Quant Time: Mar 18 16:02:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	103562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	187194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	157711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	49509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	59504	61.310	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.620%
35) Dibromofluoromethane	7.805	113	64965	53.902	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.800%
50) Toluene-d8	10.269	98	224133	50.565	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.140%
62) 4-Bromofluorobenzene	12.575	95	46666	35.987	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.980%

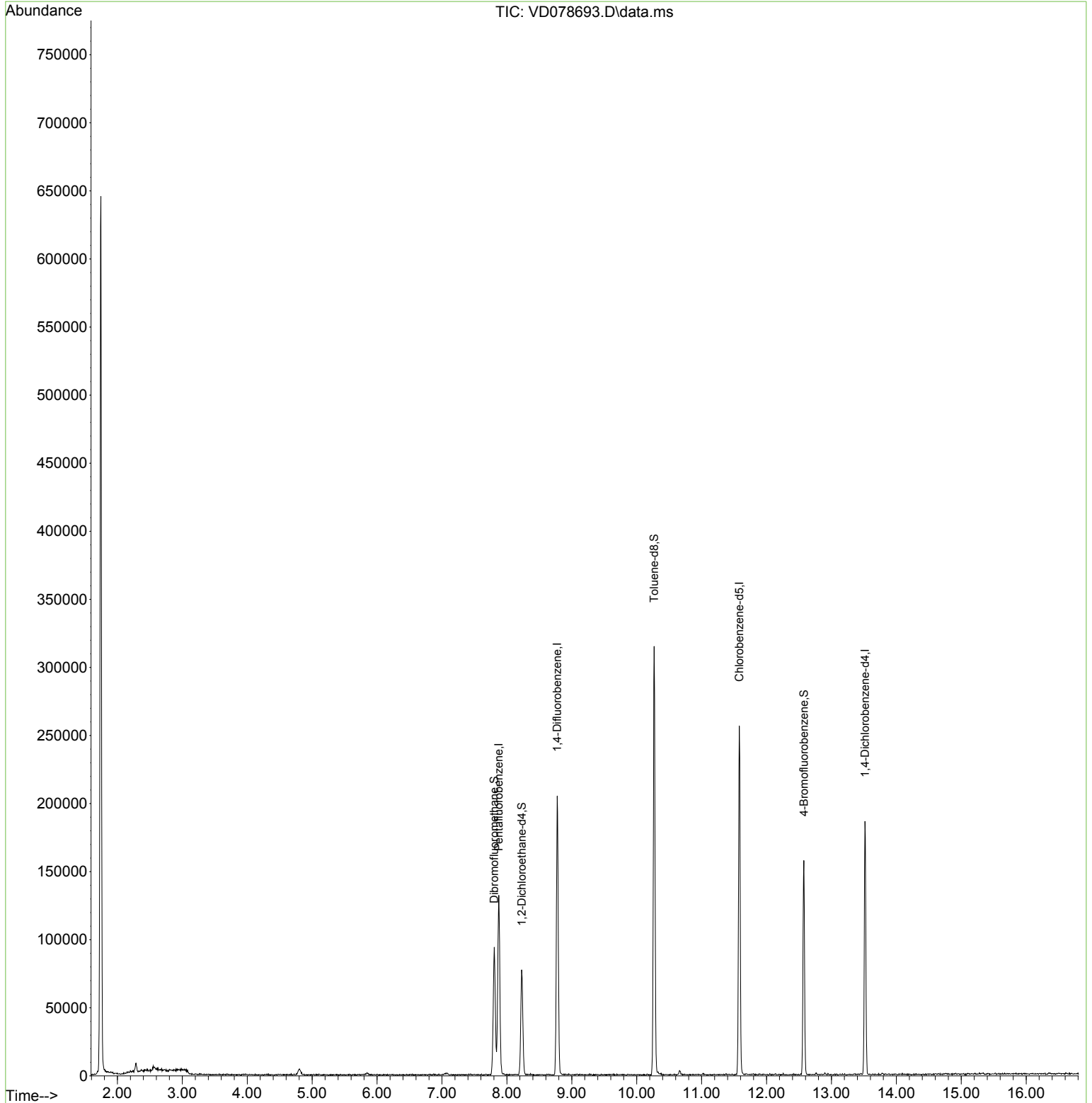
Target Compounds Qvalue

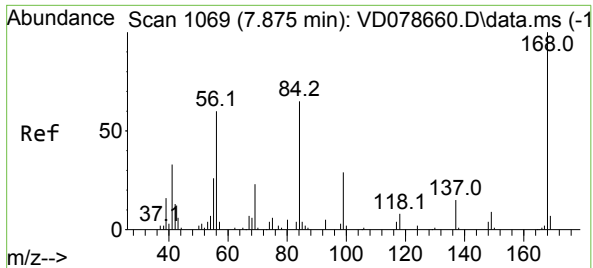
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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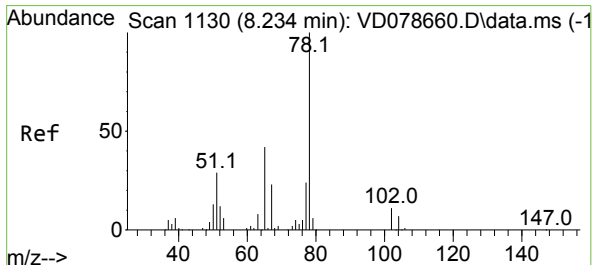
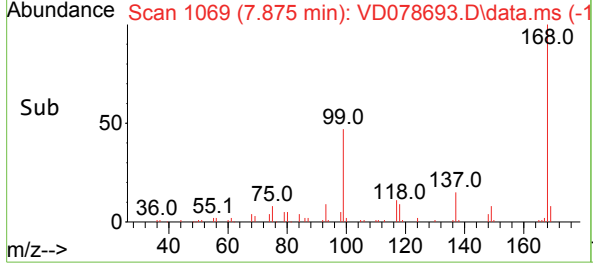
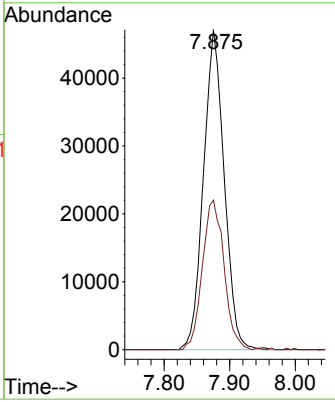
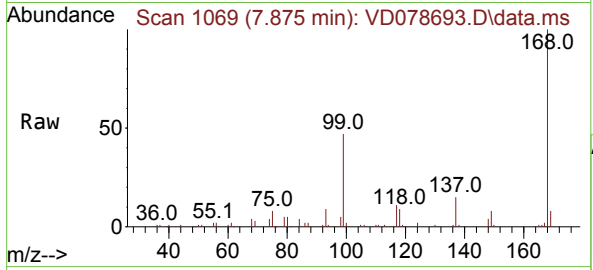




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. 0.000 min
 Lab File: VD078693.D
 Acq: 18 Mar 2024 13:35

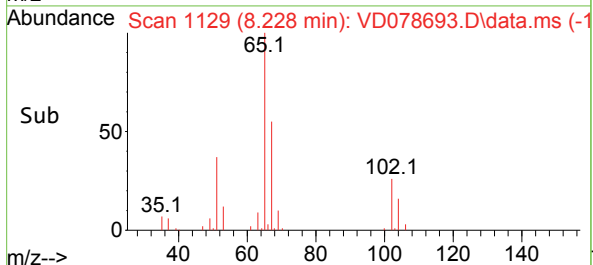
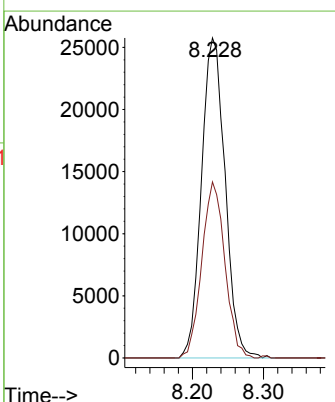
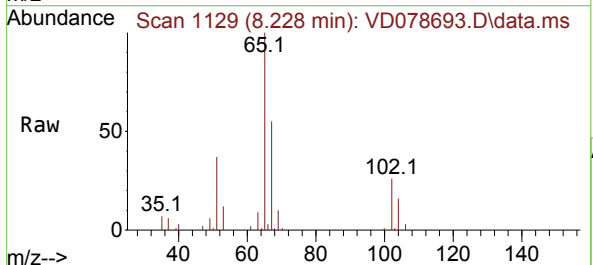
Instrument : MSVOA_D
 ClientSampleId : 1

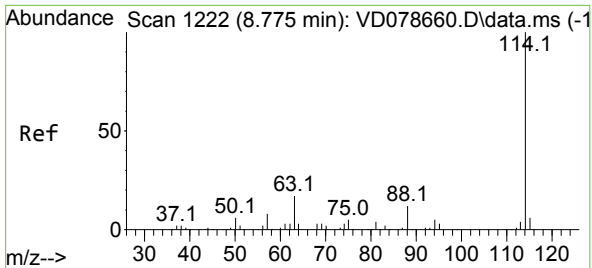
Tgt Ion:168 Resp: 103562
 Ion Ratio Lower Upper
 168 100
 99 46.8 38.8 58.2



#33
 1,2-Dichloroethane-d4
 Concen: 61.310 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.006 min
 Lab File: VD078693.D
 Acq: 18 Mar 2024 13:35

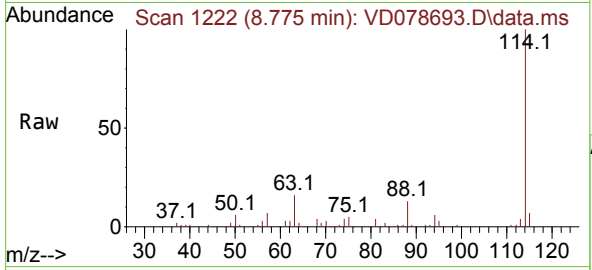
Tgt Ion: 65 Resp: 59504
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 110.2





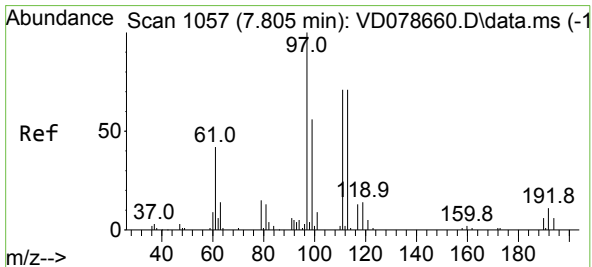
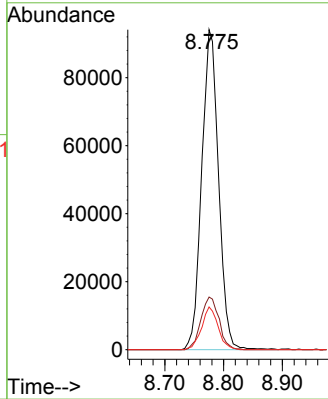
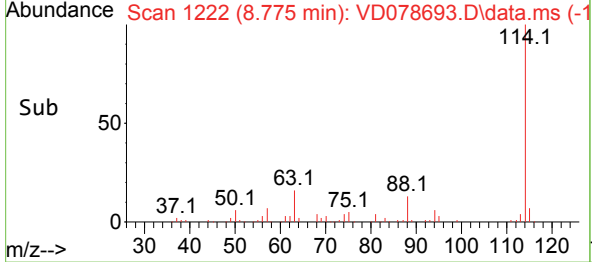
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD078693.D
 Acq: 18 Mar 2024 13:35

Instrument :
 MSVOA_D
 ClientSampleId :
 1

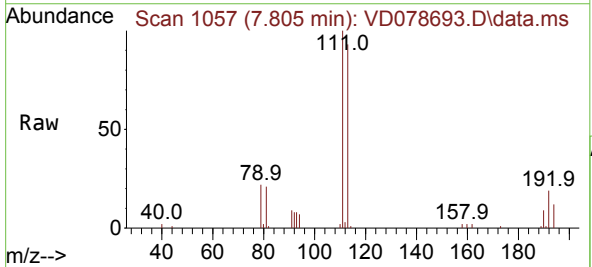


Tgt Ion:114 Resp: 187194

Ion	Ratio	Lower	Upper
114	100		
63	16.4	0.0	33.4
88	13.4	0.0	24.6

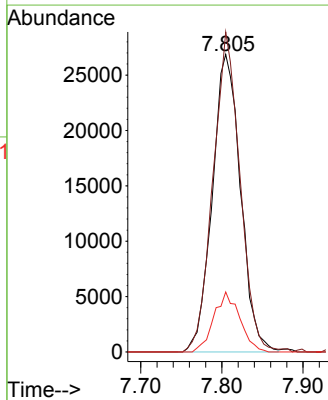
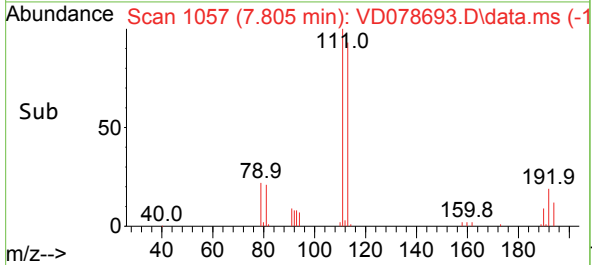


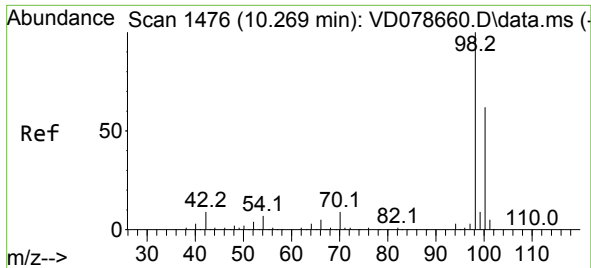
#35
 Dibromofluoromethane
 Concen: 53.902 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VD078693.D
 Acq: 18 Mar 2024 13:35



Tgt Ion:113 Resp: 64965

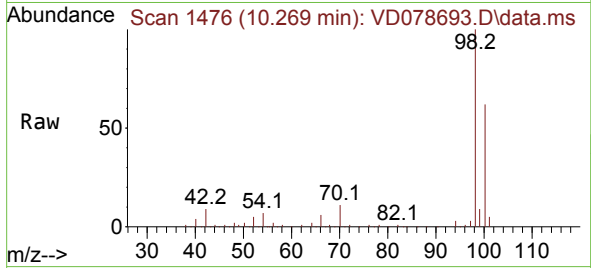
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	18.4	15.4	23.0



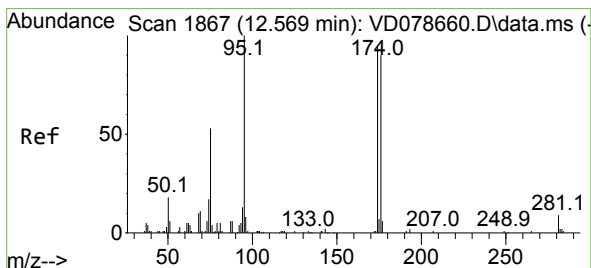
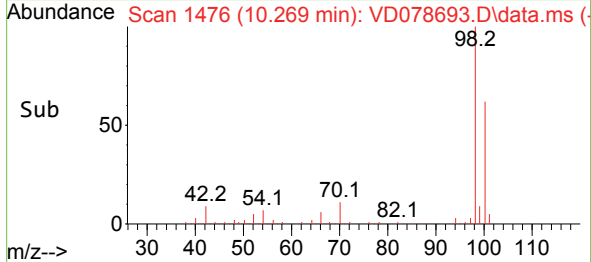
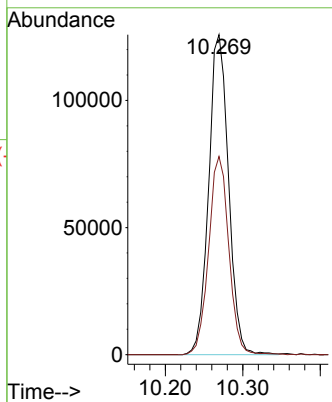


#50
 Toluene-d8
 Concen: 50.565 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD078693.D
 Acq: 18 Mar 2024 13:35

Instrument : MSVOA_D
 ClientSampleId : 1

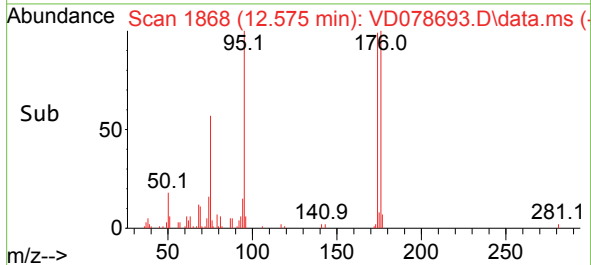
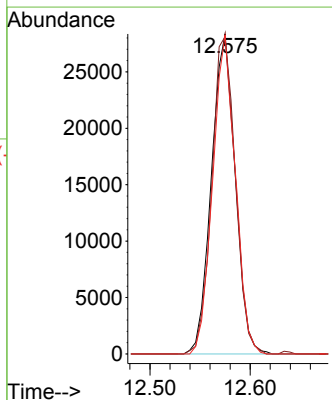
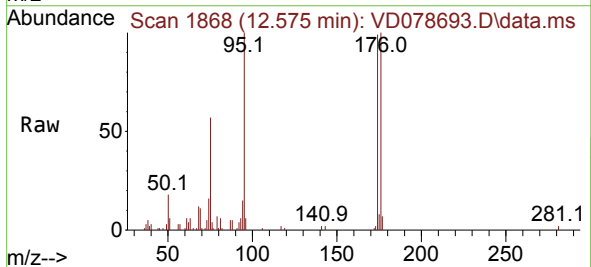


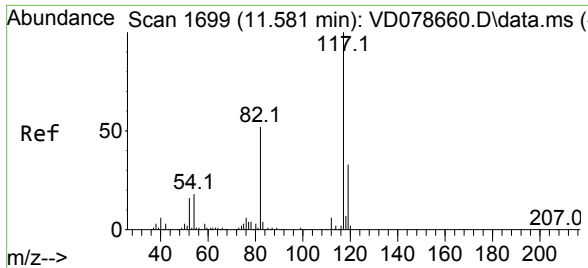
Tgt Ion: 98 Resp: 224133
 Ion Ratio Lower Upper
 98 100
 100 62.9 50.5 75.7



#62
 4-Bromofluorobenzene
 Concen: 35.987 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.006 min
 Lab File: VD078693.D
 Acq: 18 Mar 2024 13:35

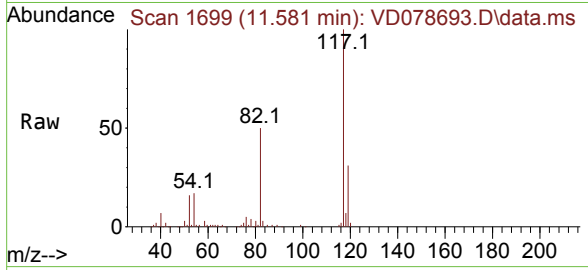
Tgt Ion: 95 Resp: 46666
 Ion Ratio Lower Upper
 95 100
 174 98.3 0.0 195.2
 176 95.0 0.0 188.2





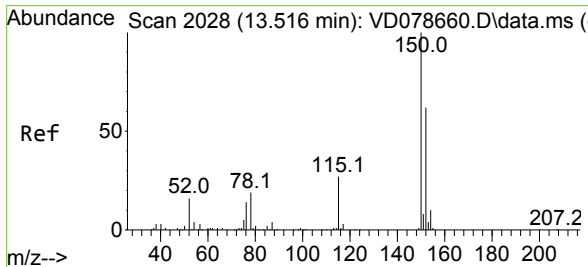
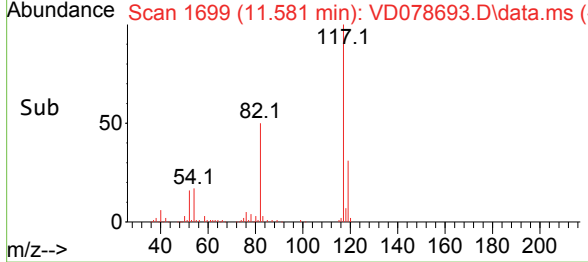
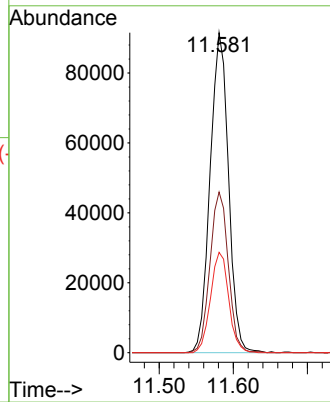
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1699
 Delta R.T. 0.000 min
 Lab File: VD078693.D
 Acq: 18 Mar 2024 13:35

Instrument : MSVOA_D
 ClientSampleId :



Tgt Ion:117 Resp: 157711

Ion	Ratio	Lower	Upper
117	100		
82	50.2	41.4	62.2
119	31.4	26.5	39.7



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: VD078693.D
 Acq: 18 Mar 2024 13:35

Tgt Ion:152 Resp: 49509

Ion	Ratio	Lower	Upper
152	100		
115	56.7	27.1	81.2
150	164.8	0.0	350.2

