

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092722\
 Data File : VD074440.D
 Acq On : 27 Sep 2022 12:52
 Operator : VA/SY
 Sample : N4764-10
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R2

Quant Time: Sep 28 04:39:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 03:19:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	66199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	110995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	97148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	48894	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	29843	52.362	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.720%
35) Dibromofluoromethane	7.805	113	38527	51.681	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.360%
50) Toluene-d8	10.269	98	128225	50.799	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.600%
62) 4-Bromofluorobenzene	12.569	95	39845	44.566	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.140%

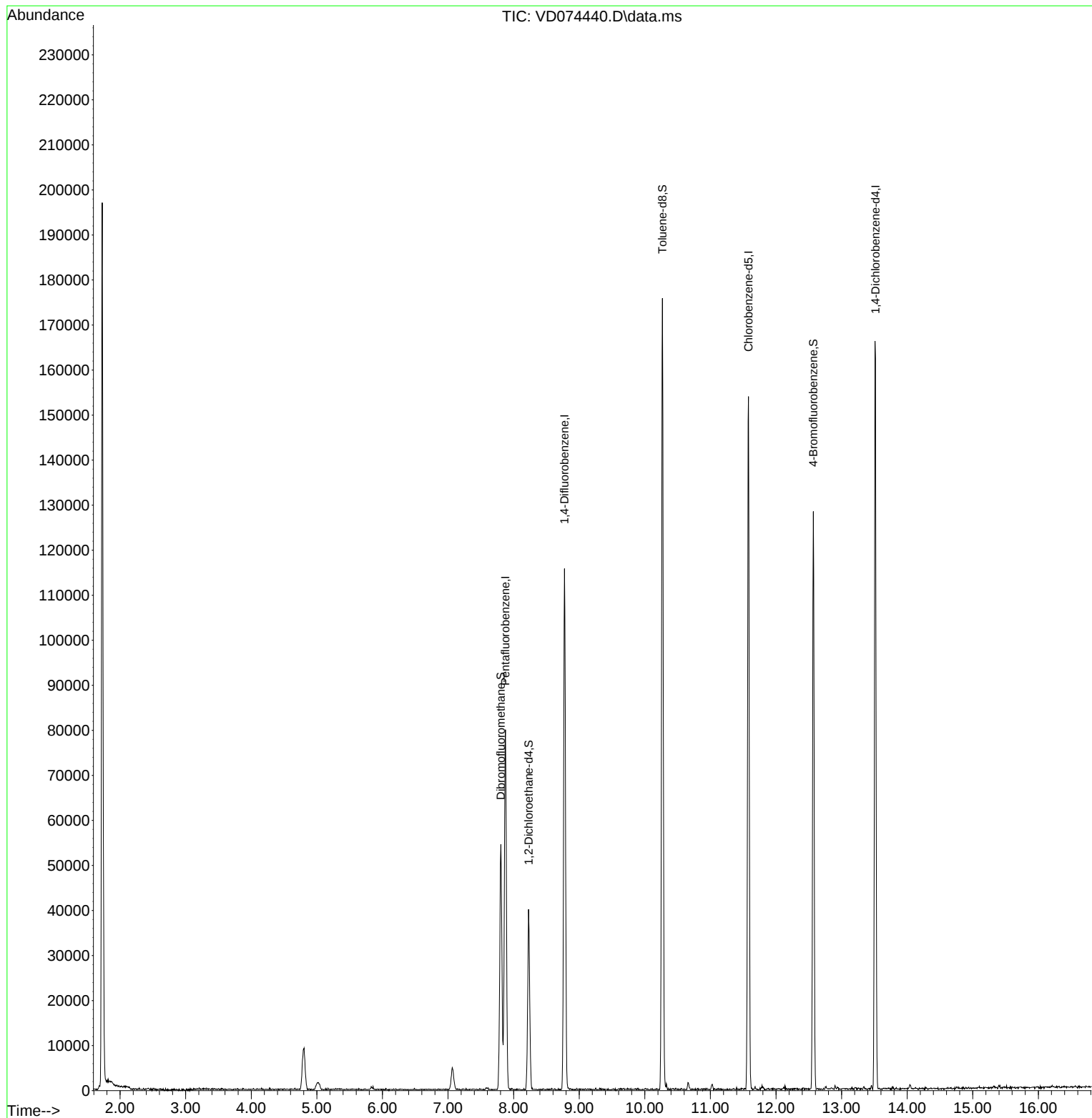
Target Compounds	Qvalue

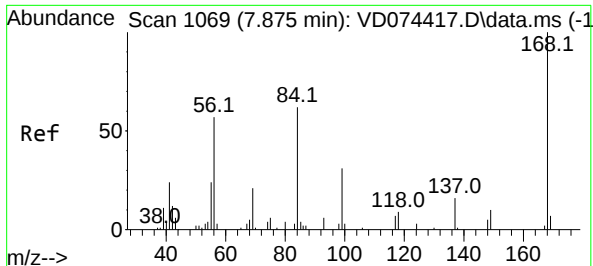
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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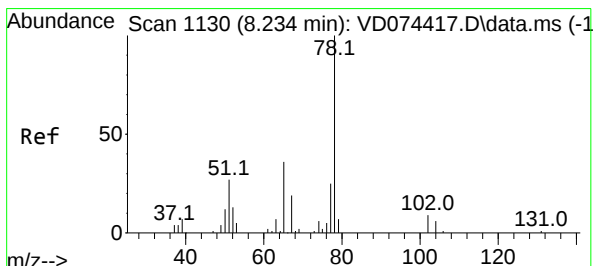
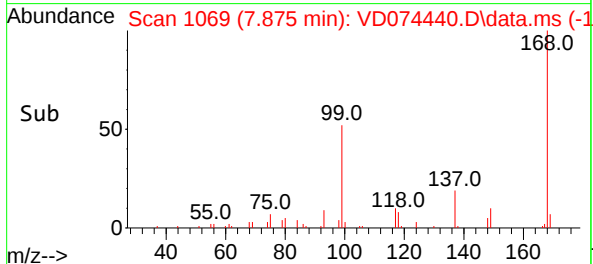
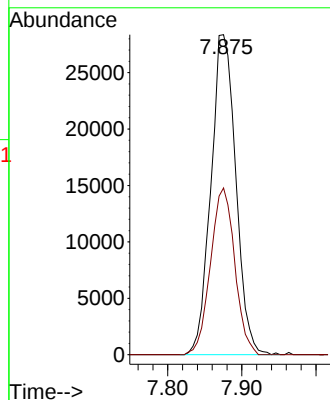
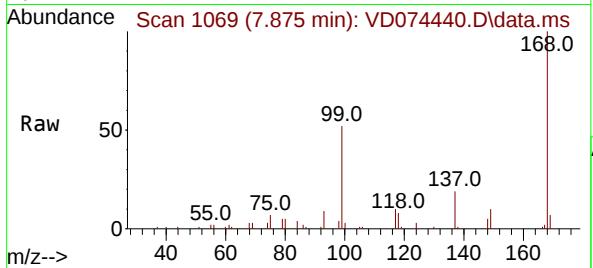




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074440.D
Acq: 27 Sep 2022 12:52

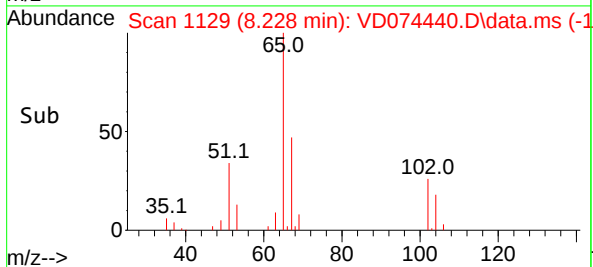
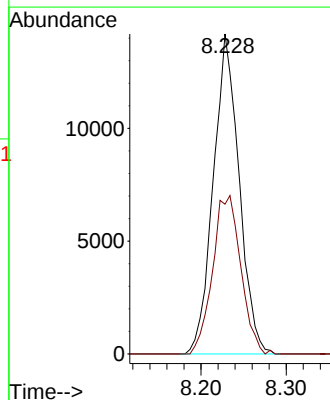
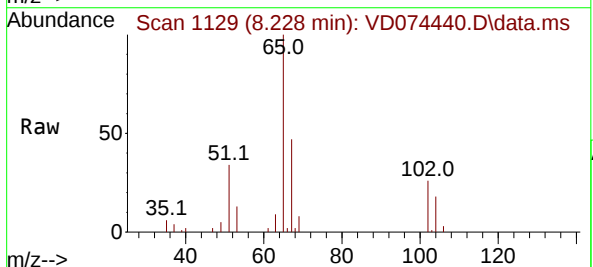
Instrument :
MSVOA_D
ClientSampleId :
R2

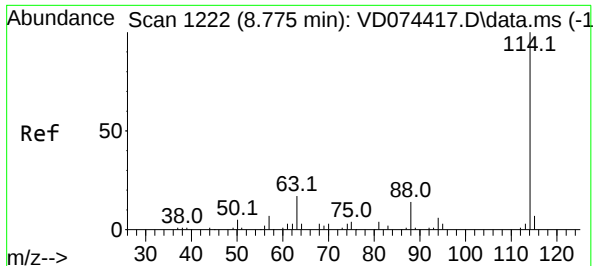
Tgt Ion:168 Resp: 66199
Ion Ratio Lower Upper
168 100
99 52.1 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 52.362 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074440.D
Acq: 27 Sep 2022 12:52

Tgt Ion: 65 Resp: 29843
Ion Ratio Lower Upper
65 100
67 54.1 0.0 110.2

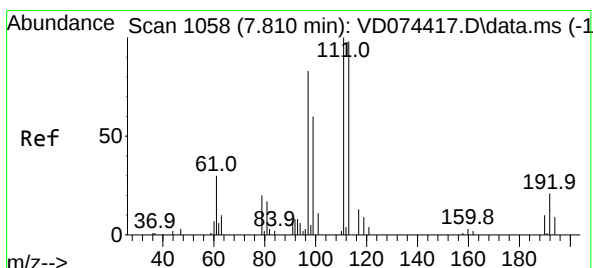
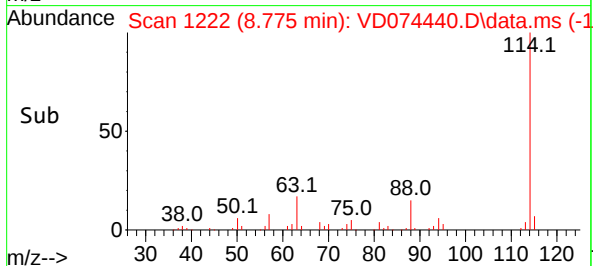
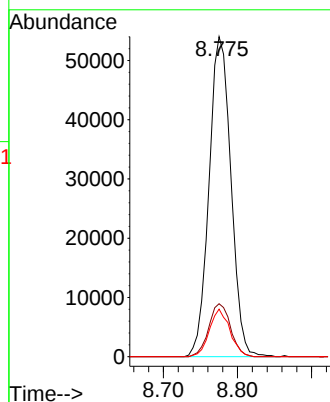
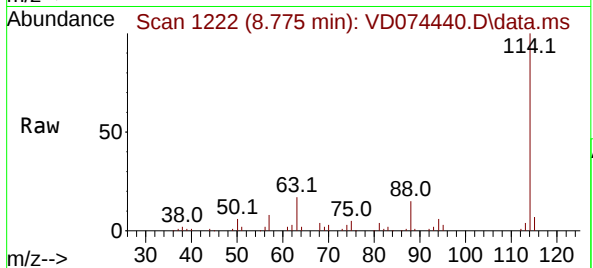




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 110995
Delta R.T. 0.000 min
Lab File: VD074440.D
Acq: 27 Sep 2022 12:52

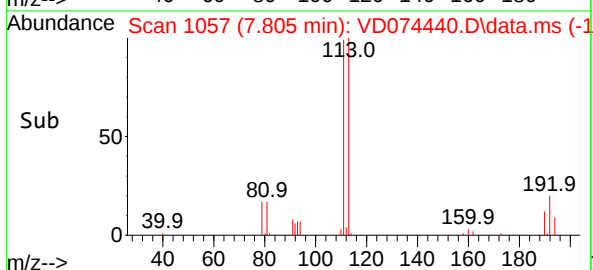
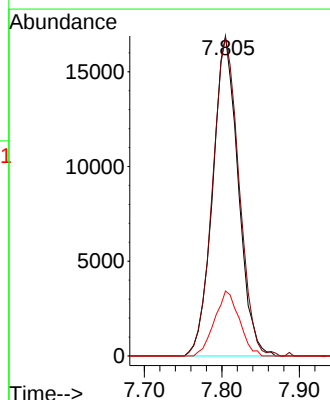
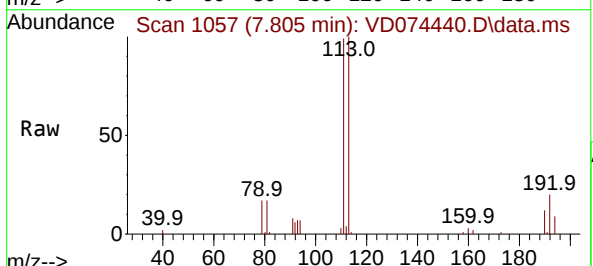
Instrument :
MSVOA_D
ClientSampleId :
R2

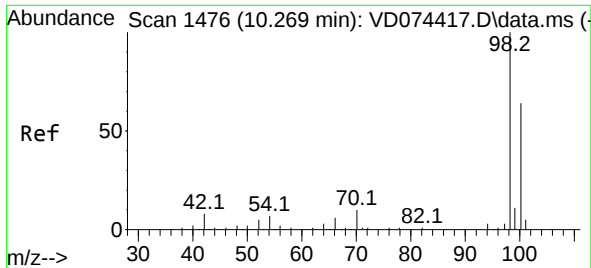
Tgt Ion:	114	Resp:	110995
Ion Ratio	Lower	Upper	
114	100		
63	16.5	0.0	33.2
88	14.9	0.0	28.2



#35
Dibromofluoromethane
Concen: 51.681 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.005 min
Lab File: VD074440.D
Acq: 27 Sep 2022 12:52

Tgt Ion:	113	Resp:	38527
Ion Ratio	Lower	Upper	
113	100		
111	103.1	82.3	123.5
192	19.7	16.4	24.6

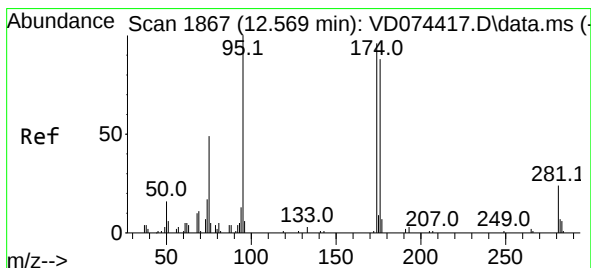
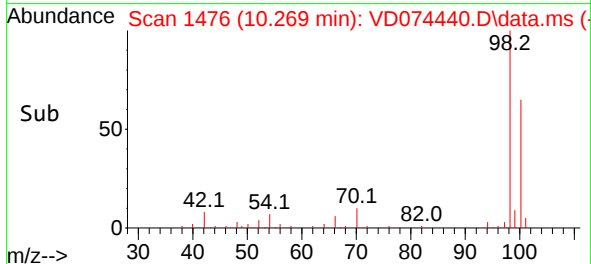
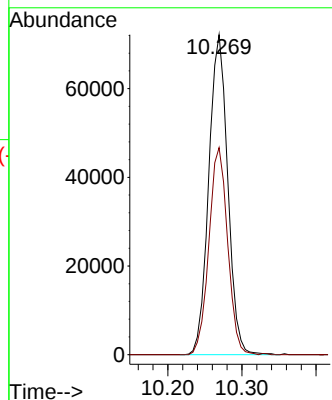
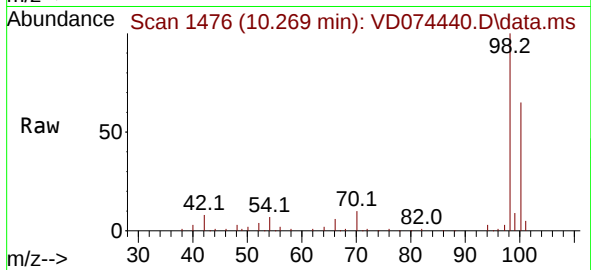




#50
Toluene-d8
Concen: 50.799 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074440.D
Acq: 27 Sep 2022 12:52

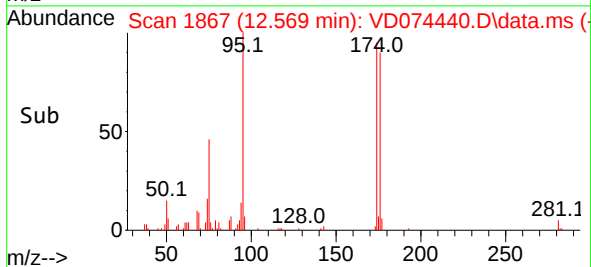
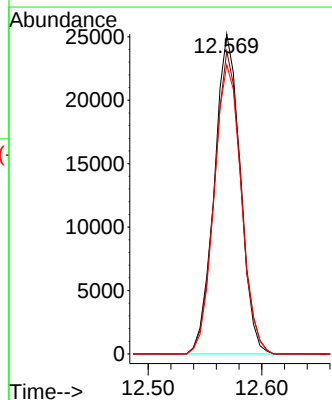
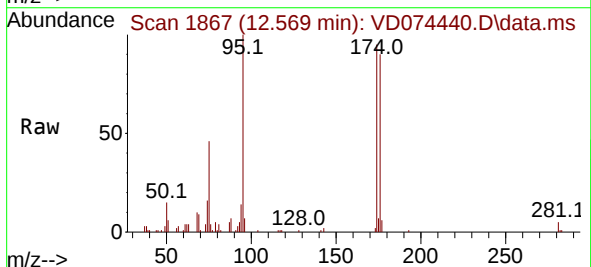
Instrument :
MSVOA_D
ClientSampleId :
R2

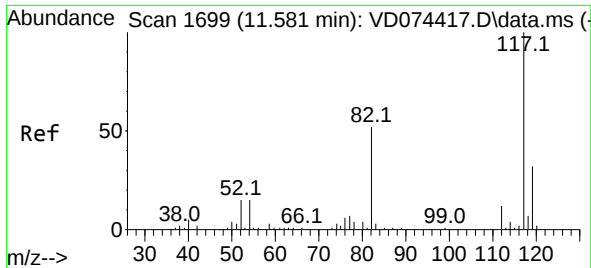
Tgt Ion: 98 Resp: 128225
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 44.566 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074440.D
Acq: 27 Sep 2022 12:52

Tgt Ion: 95 Resp: 39845
Ion Ratio Lower Upper
95 100
174 97.8 0.0 197.0
176 94.4 0.0 182.6

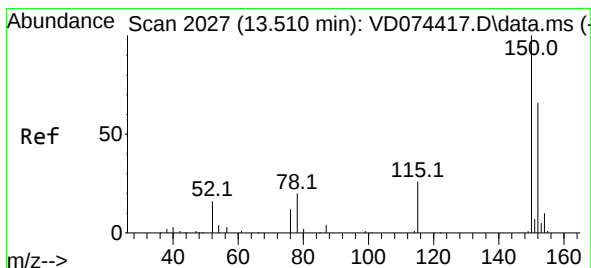
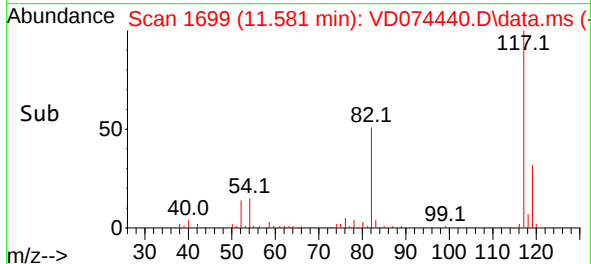
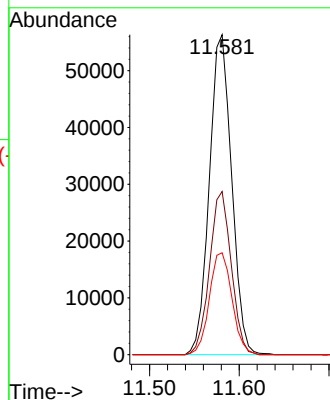
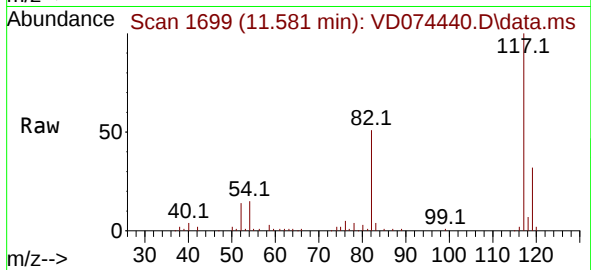




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074440.D
Acq: 27 Sep 2022 12:52

Instrument :
MSVOA_D
ClientSampleId :
R2

Tgt Ion:117 Resp: 97148
Ion Ratio Lower Upper
117 100
82 51.0 41.6 62.4
119 31.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074440.D
Acq: 27 Sep 2022 12:52

Tgt Ion:152 Resp: 48894
Ion Ratio Lower Upper
152 100
115 54.6 26.8 80.4
150 156.0 0.0 348.2

