

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074827.D
 Acq On : 09 Nov 2022 14:49
 Operator : VA/SY
 Sample : N5505-01
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-2-110722

Quant Time: Nov 10 00:36:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.881	168	17310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	34363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	35764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	15750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	12384	90.329	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 180.660%#	
35) Dibromofluoromethane	7.810	113	11984	58.956	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.920%	
50) Toluene-d8	10.269	98	29047	39.175	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 78.340%	
62) 4-Bromofluorobenzene	12.575	95	10833	50.601	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.200%	

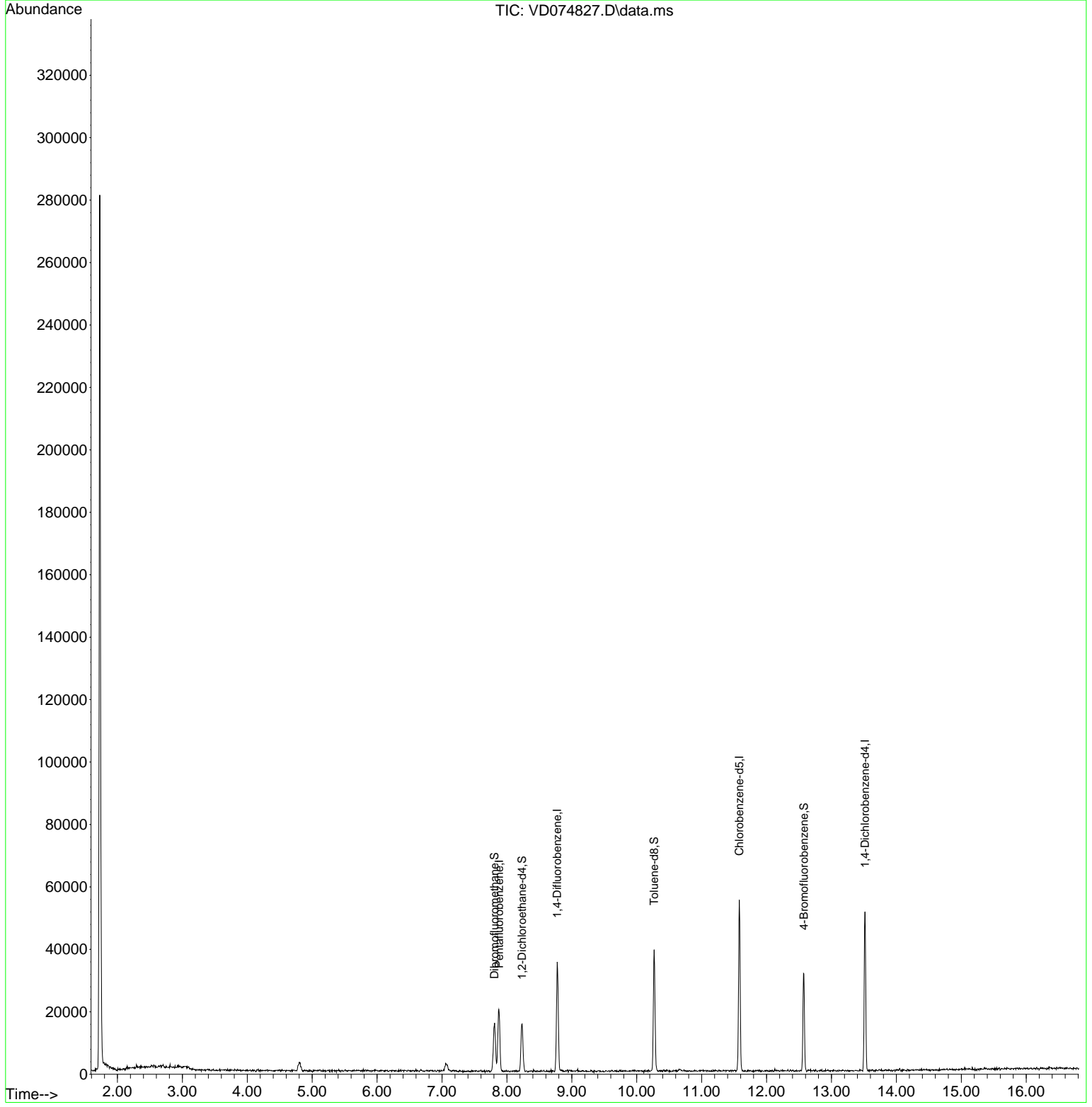
Target Compounds Qvalue

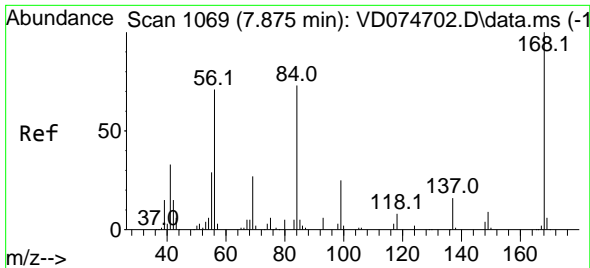
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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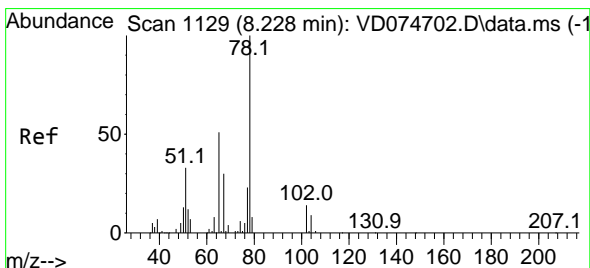
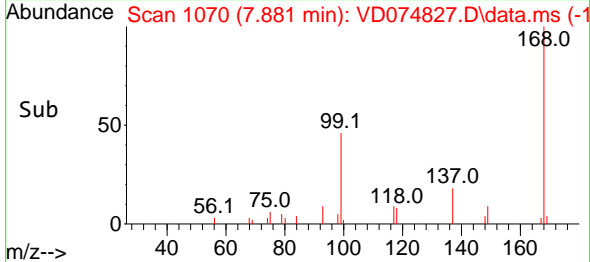
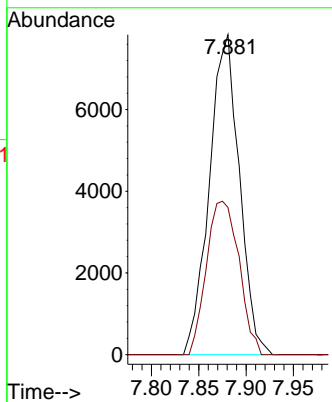
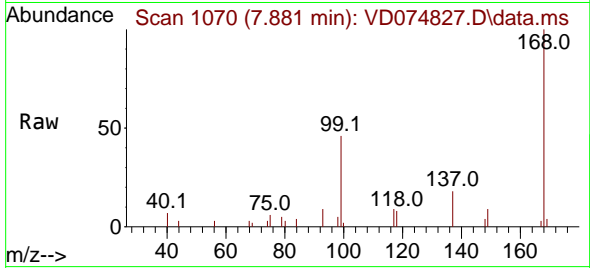




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.881 min Scan# 1107
 Delta R.T. 0.006 min
 Lab File: VD074827.D
 Acq: 09 Nov 2022 14:49

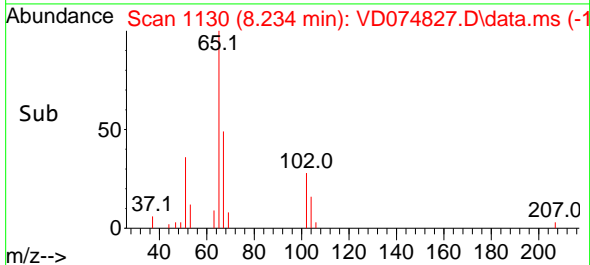
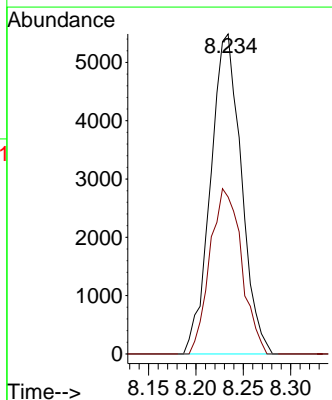
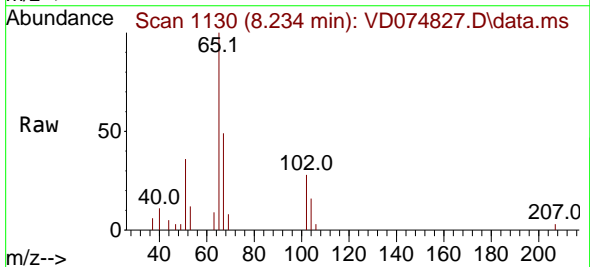
Instrument : MSVOA_D
 ClientSampleId : HD-2-110722

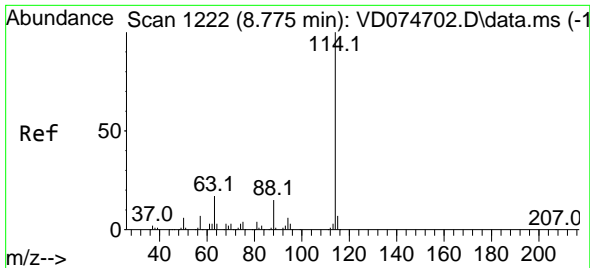
Tgt Ion:168 Resp: 17310
 Ion Ratio Lower Upper
 168 100
 99 46.0 40.9 61.3



#33
 1,2-Dichloroethane-d4
 Concen: 90.329 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VD074827.D
 Acq: 09 Nov 2022 14:49

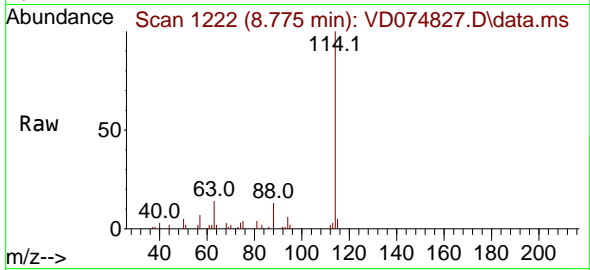
Tgt Ion: 65 Resp: 12384
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 110.2





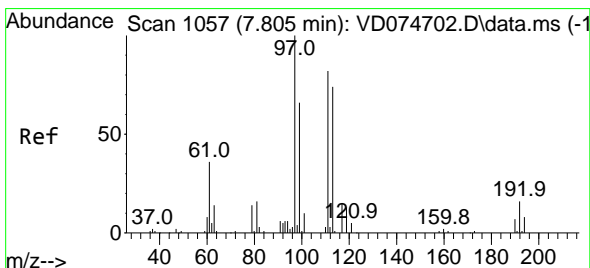
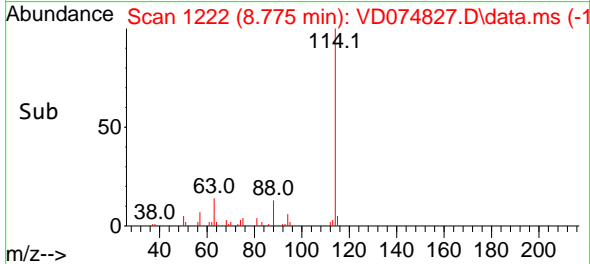
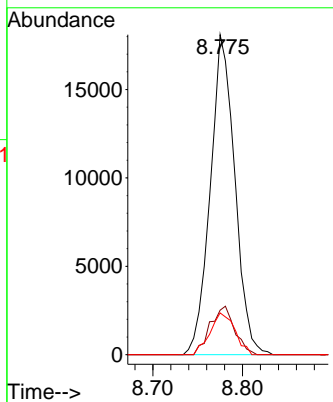
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1111
 Delta R.T. -0.000 min
 Lab File: VD074827.D
 Acq: 09 Nov 2022 14:49

Instrument : MSVOA_D
 ClientSampleId : HD-2-110722



Tgt Ion:114 Resp: 34363

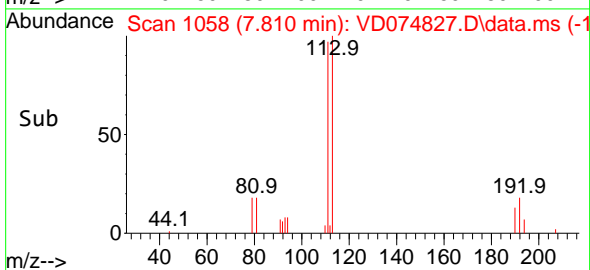
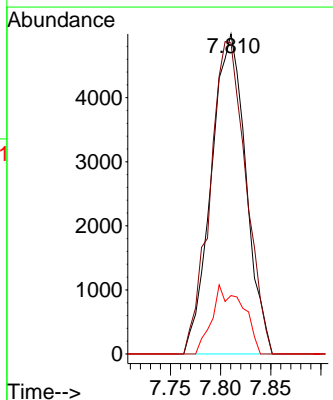
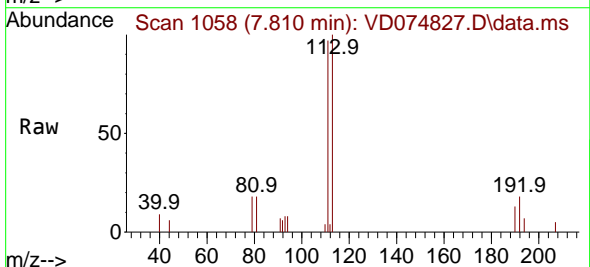
Ion	Ratio	Lower	Upper
114	100		
63	13.9	0.0	33.2
88	13.1	0.0	28.2

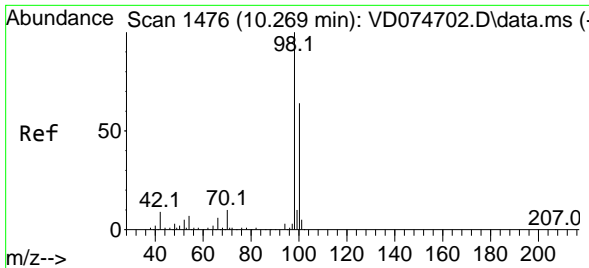


#35
 Dibromofluoromethane
 Concen: 58.956 ug/l
 RT: 7.810 min Scan# 1058
 Delta R.T. 0.005 min
 Lab File: VD074827.D
 Acq: 09 Nov 2022 14:49

Tgt Ion:113 Resp: 11984

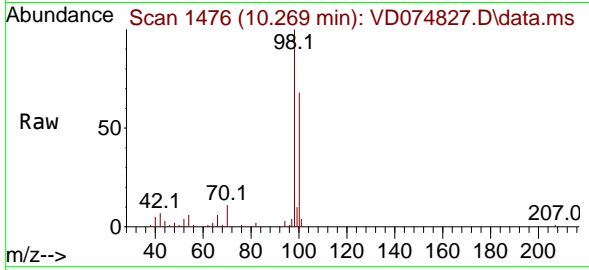
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.3	123.5
192	19.2	16.4	24.6



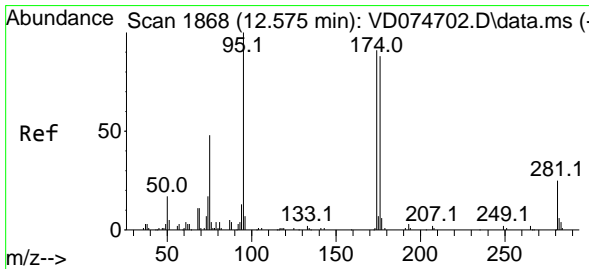
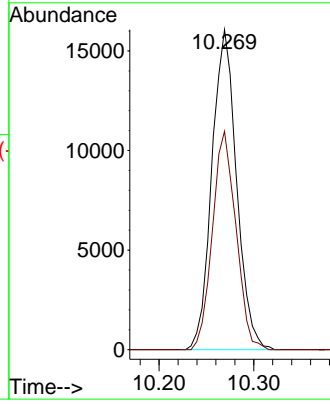
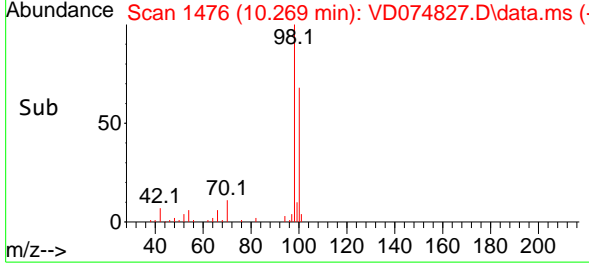


#50
 Toluene-d8
 Concen: 39.175 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD074827.D
 Acq: 09 Nov 2022 14:49

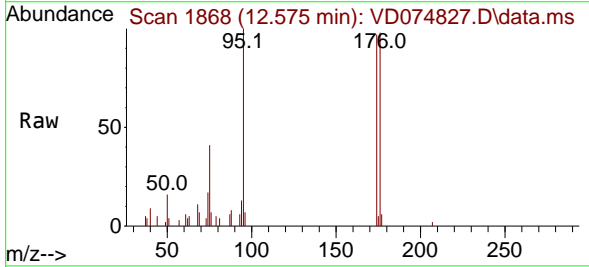
Instrument : MSVOA_D
 ClientSampleId : HD-2-110722



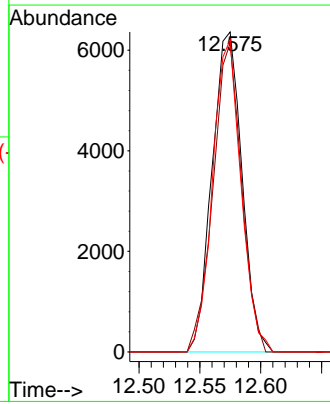
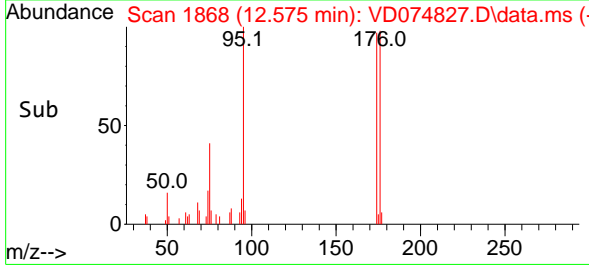
Tgt Ion: 98 Resp: 29047
 Ion Ratio Lower Upper
 98 100
 100 65.2 51.4 77.0

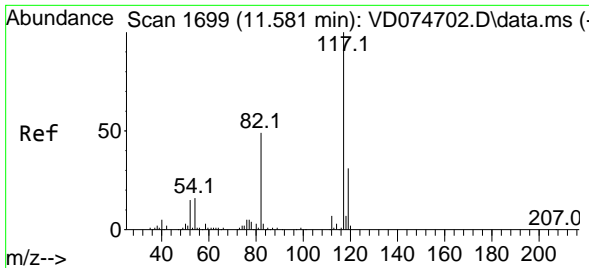


#62
 4-Bromofluorobenzene
 Concen: 50.601 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VD074827.D
 Acq: 09 Nov 2022 14:49



Tgt Ion: 95 Resp: 10833
 Ion Ratio Lower Upper
 95 100
 174 92.2 0.0 197.0
 176 92.8 0.0 182.6

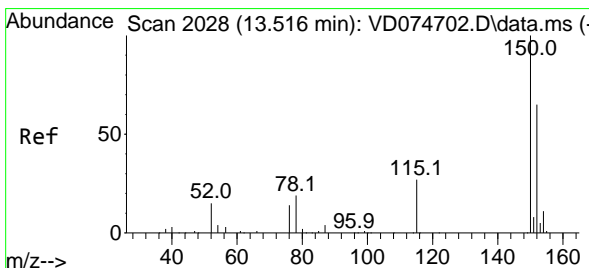
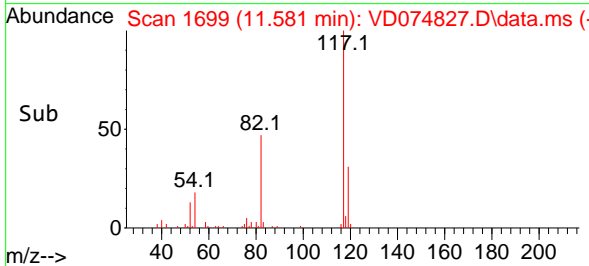
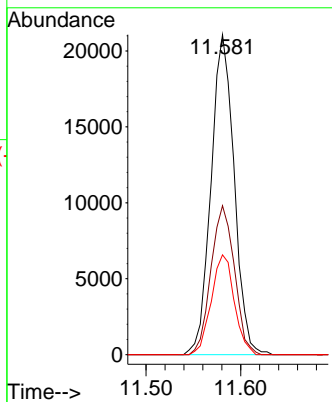
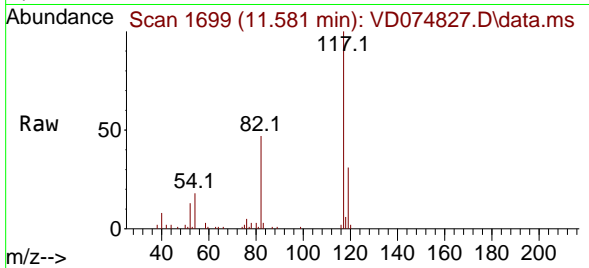




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VD074827.D
 Acq: 09 Nov 2022 14:49

Instrument : MSVOA_D
 ClientSampleId : HD-2-110722

Tgt Ion	Resp	Lower	Upper
117	35764		
82	46.5	41.6	62.4
119	31.2	25.2	37.8



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. -0.000 min
 Lab File: VD074827.D
 Acq: 09 Nov 2022 14:49

Tgt Ion	Resp	Lower	Upper
152	15750		
115	55.3	26.8	80.4
150	162.8	0.0	348.2

