

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102822\
 Data File : VD074668.D
 Acq On : 28 Oct 2022 13:40
 Operator : VA/SY
 Sample : N5283-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 IRV-SOIL-1025

Quant Time: Oct 29 02:14:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 00:18:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	84216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	155718	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	159916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	77798	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52010	73.171	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	146.340%
35) Dibromofluoromethane	7.805	113	56845	59.783	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.560%
50) Toluene-d8	10.269	98	214791	58.739	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.480%
62) 4-Bromofluorobenzene	12.569	95	72753	72.444	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	144.880%#

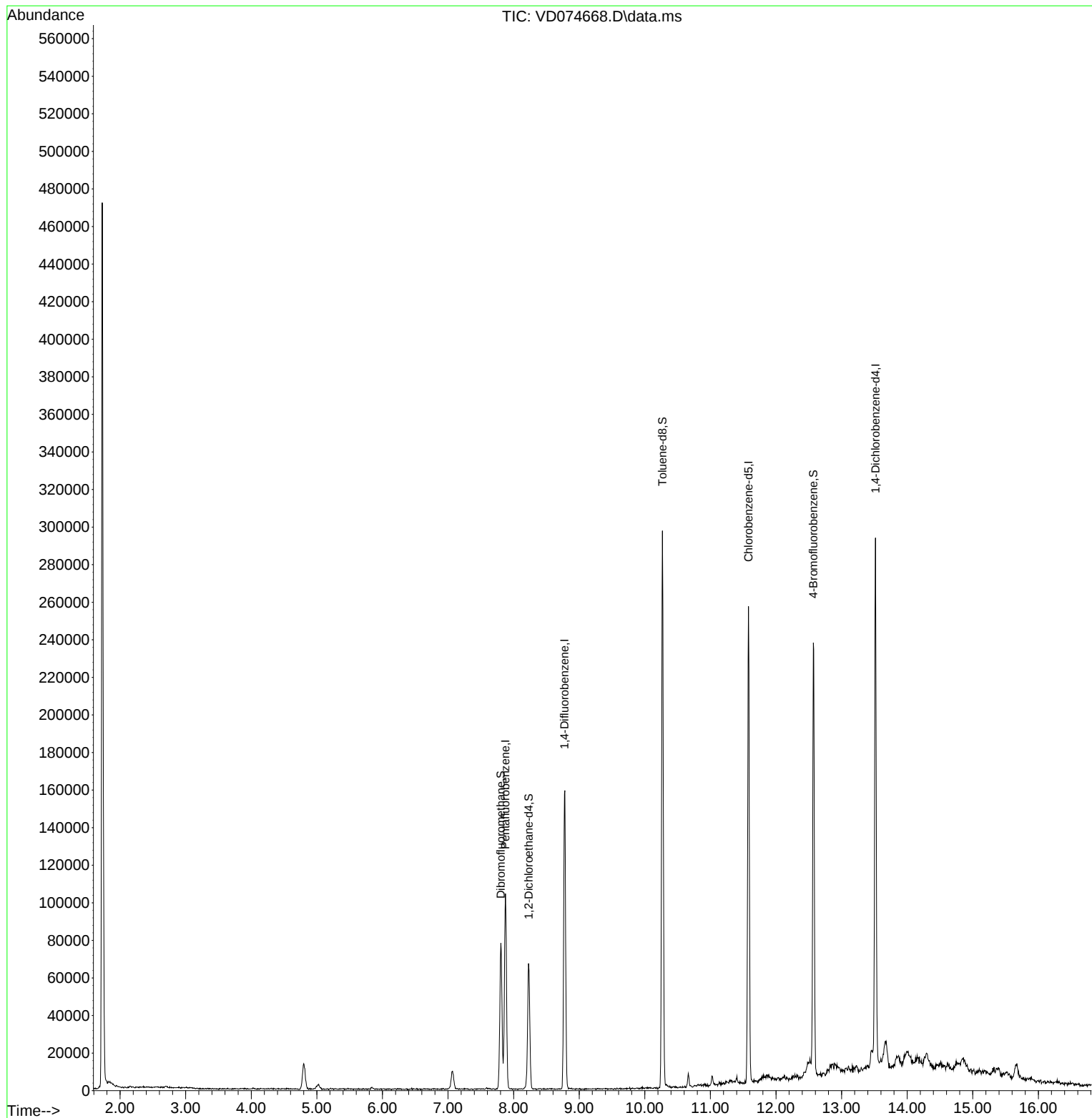
Target Compounds	Qvalue

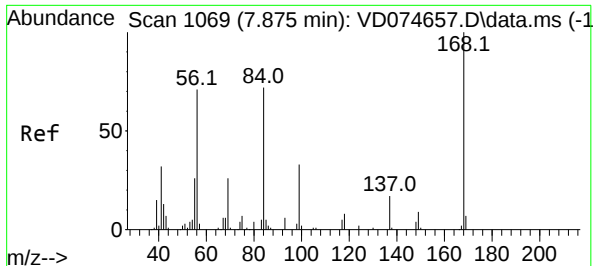
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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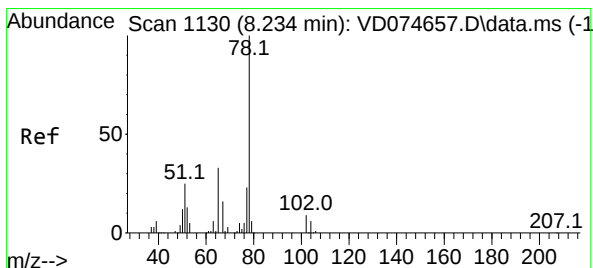
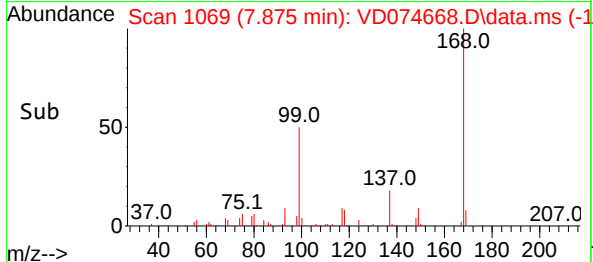
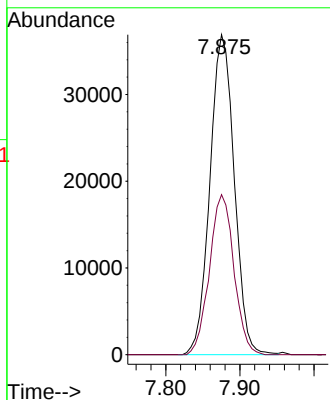
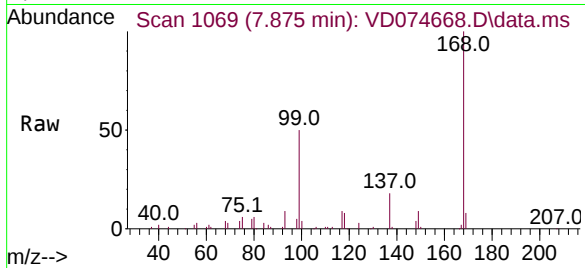




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074668.D
Acq: 28 Oct 2022 13:40

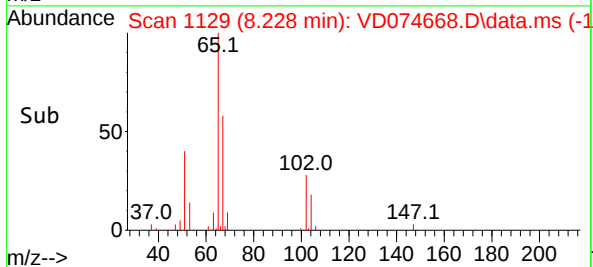
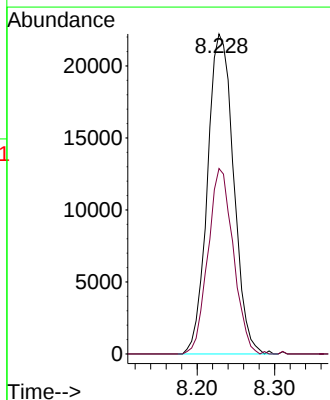
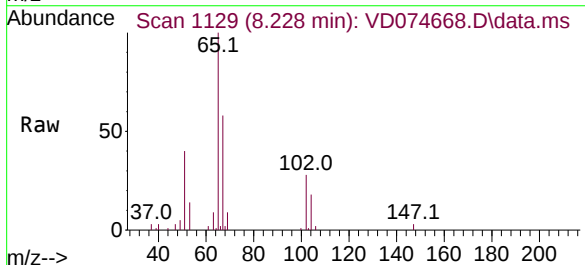
Instrument :
MSVOA_D
ClientSampleId :
IRV-SOIL-1025

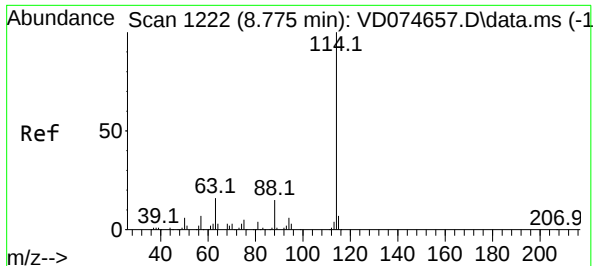
Tgt Ion:168 Resp: 84216
Ion Ratio Lower Upper
168 100
99 50.0 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 73.171 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074668.D
Acq: 28 Oct 2022 13:40

Tgt Ion: 65 Resp: 52010
Ion Ratio Lower Upper
65 100
67 56.2 0.0 110.2

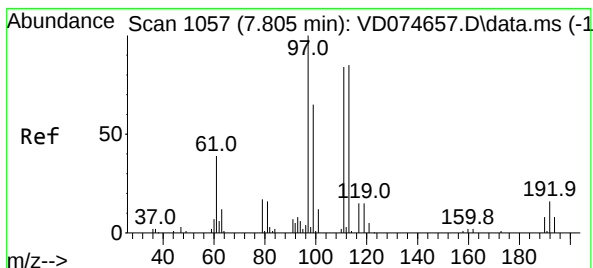
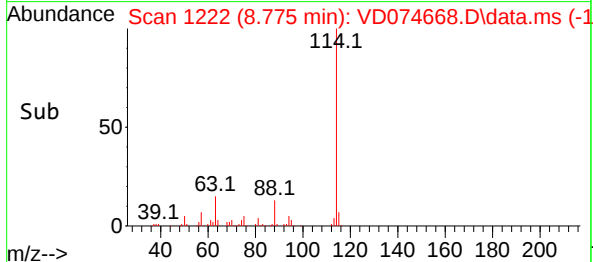
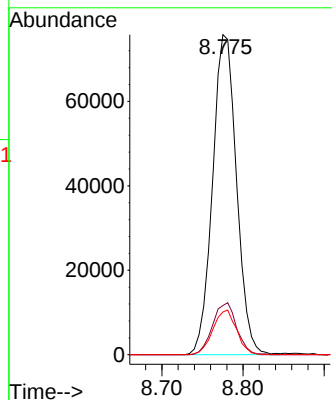
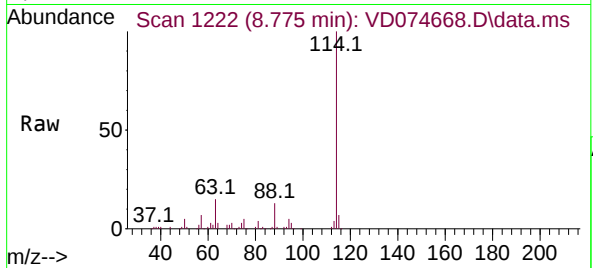




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074668.D
Acq: 28 Oct 2022 13:40

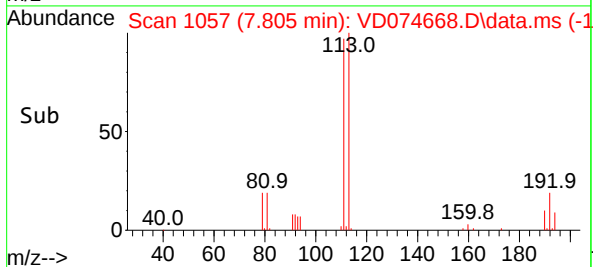
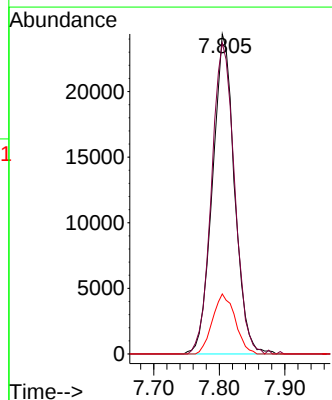
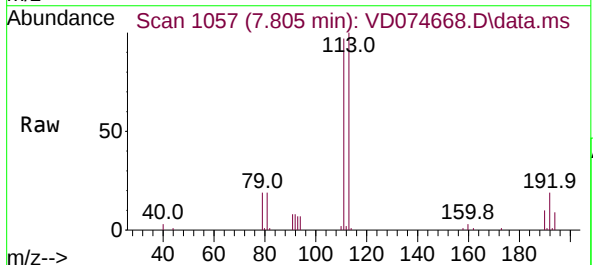
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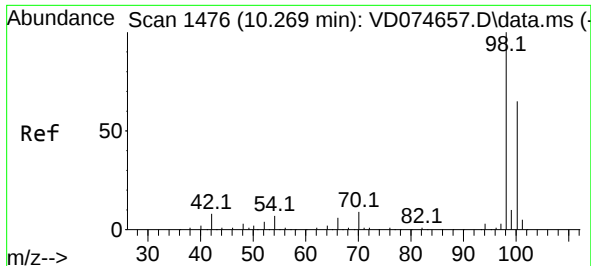
Tgt Ion:	114	Resp:	155718
Ion	Ratio	Lower	Upper
114	100		
63	15.4	0.0	33.2
88	13.3	0.0	28.2



#35
Dibromofluoromethane
Concen: 59.783 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD074668.D
Acq: 28 Oct 2022 13:40

Tgt Ion:	113	Resp:	56845
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.3	123.5
192	19.3	16.4	24.6

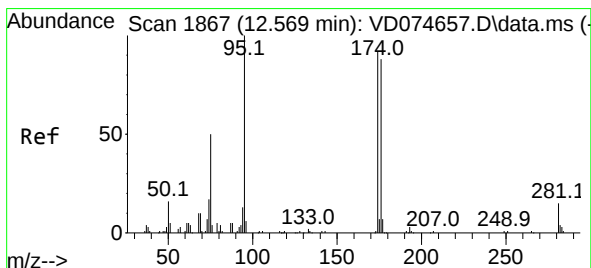
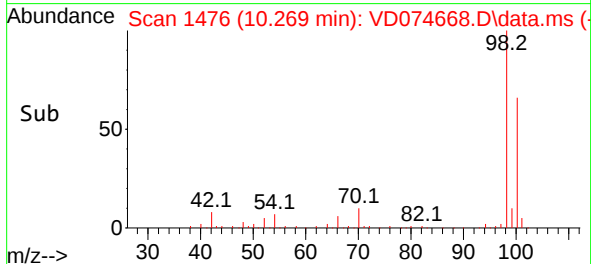
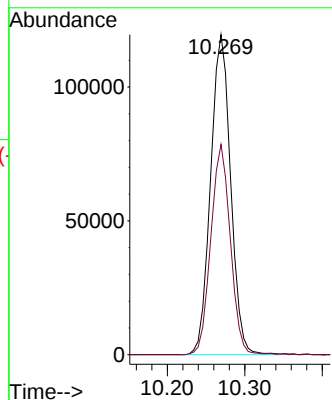
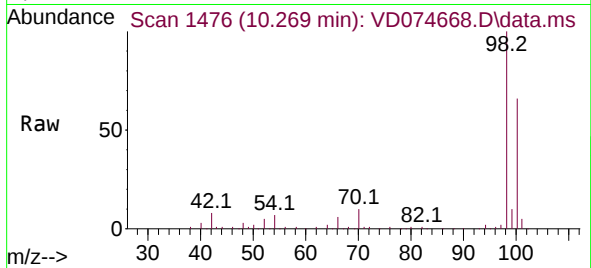




#50
Toluene-d8
Concen: 58.739 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074668.D
Acq: 28 Oct 2022 13:40

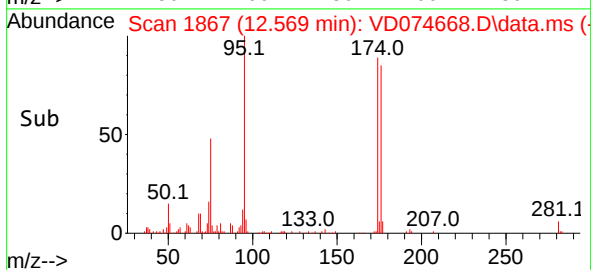
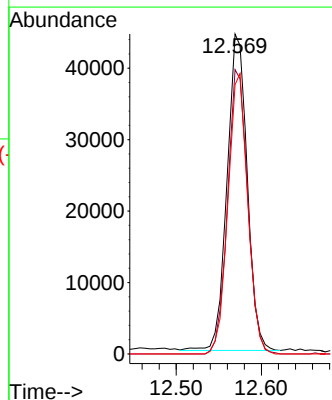
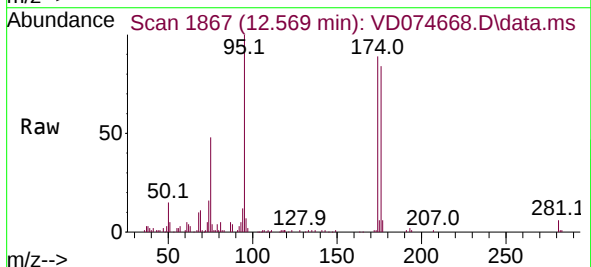
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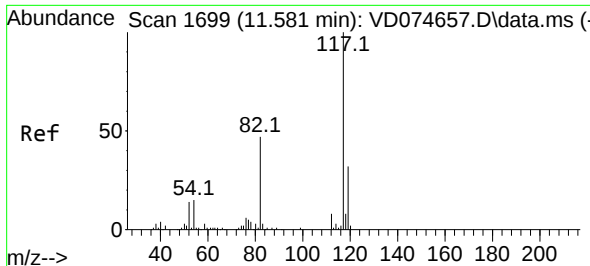
Tgt Ion: 98 Resp: 214791
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 72.444 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074668.D
Acq: 28 Oct 2022 13:40

Tgt Ion: 95 Resp: 72753
Ion Ratio Lower Upper
95 100
174 89.7 0.0 197.0
176 86.7 0.0 182.6

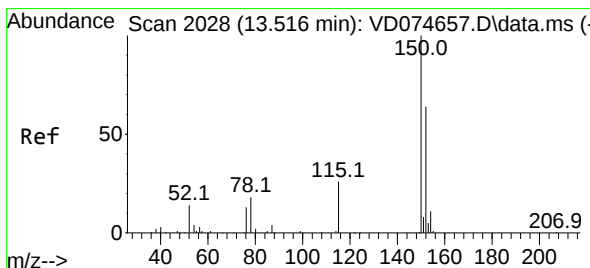
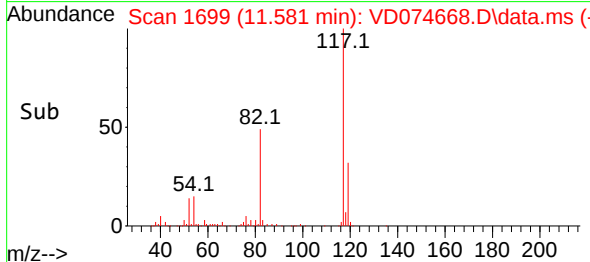
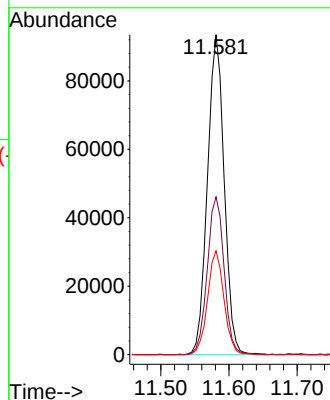
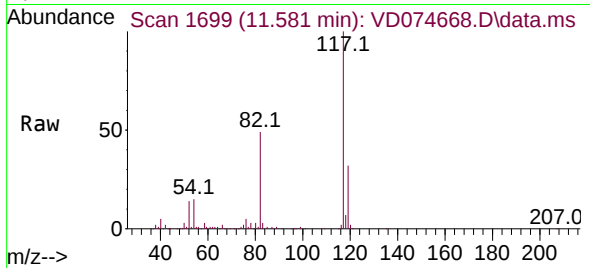




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074668.D
Acq: 28 Oct 2022 13:40

Instrument :
MSVOA_D
ClientSampleId :
IRV-SOIL-1025

Tgt Ion:	117	Resp:	159916
Ion	Ratio	Lower	Upper
117	100		
82	49.1	41.6	62.4
119	32.4	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: VD074668.D
Acq: 28 Oct 2022 13:40

Tgt Ion:	152	Resp:	77798
Ion	Ratio	Lower	Upper
152	100		
115	55.0	26.8	80.4
150	156.0	0.0	348.2

