

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091923\
 Data File : VD077150.D
 Acq On : 19 Sep 2023 16:59
 Operator : JC/SY
 Sample : 04434-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
ClientSampleId :
 DIRTY-PILE-3

Quant Time: Sep 20 02:03:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	5482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	13841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	15655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	5454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	5098	92.146	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery = 184.300%#			
35) Dibromofluoromethane	7.810	113	5379	55.950	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery = 111.900%			
50) Toluene-d8	10.269	98	17093	49.951	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery = 99.900%			
62) 4-Bromofluorobenzene	12.575	95	5466	51.536	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery = 103.080%			

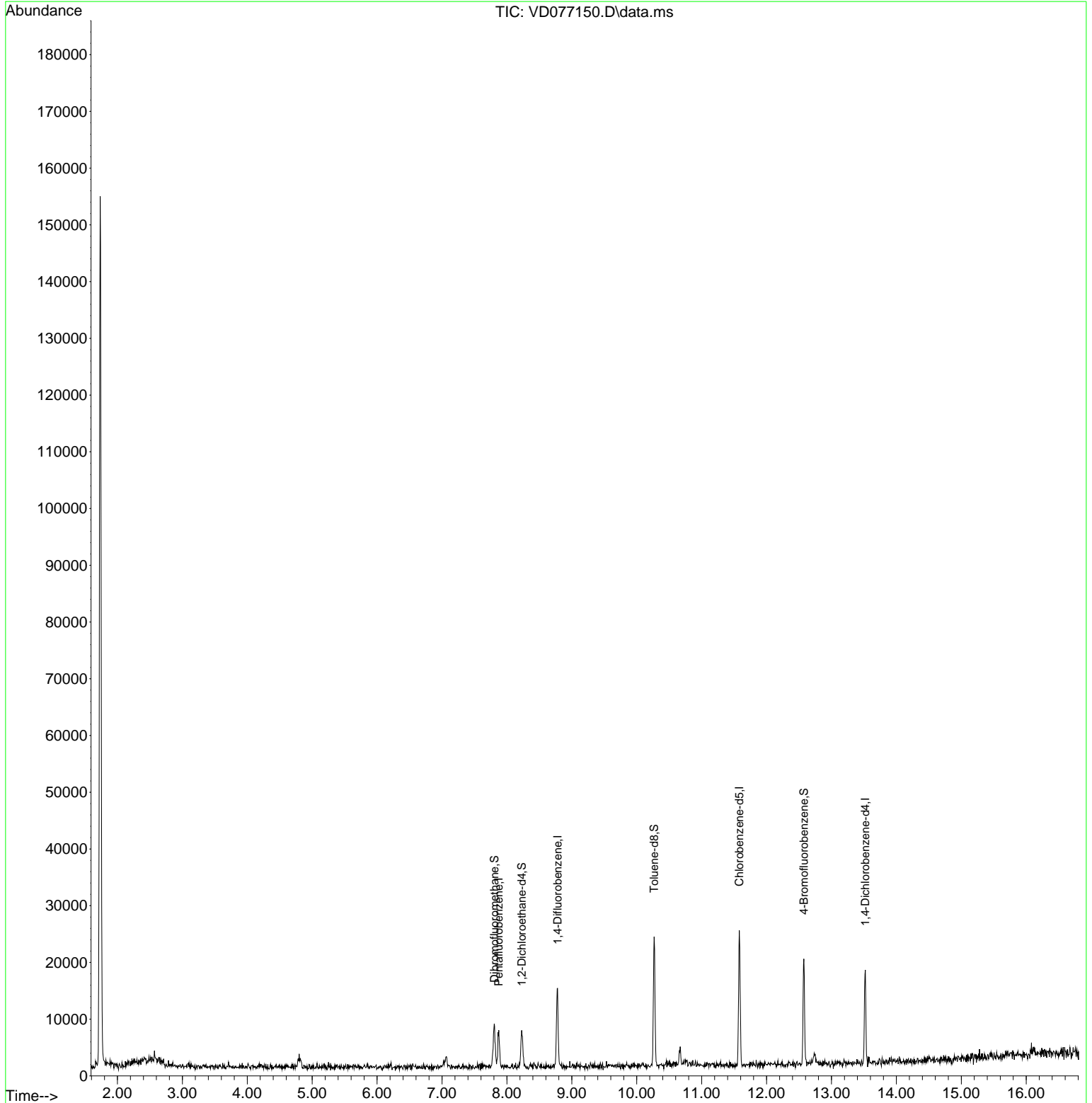
Target Compounds Qvalue

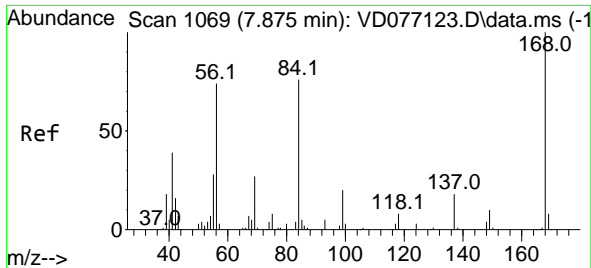
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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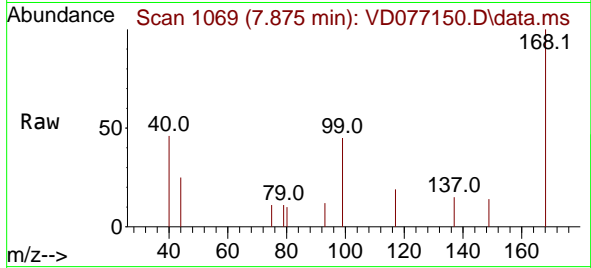
#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. 0.000 min
 Lab File: VD077150.D
 Acq: 19 Sep 2023 16:59

Instrument :

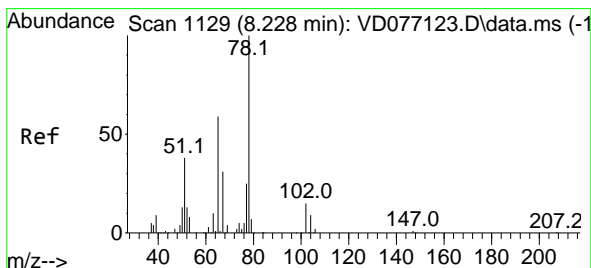
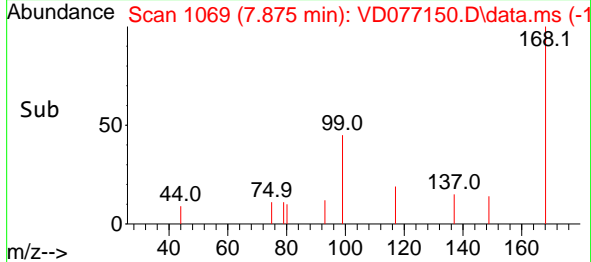
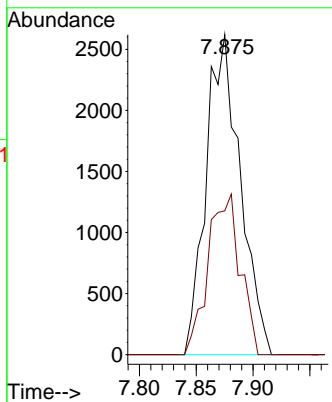
MSVOA_D

ClientSampleId :

DIRTY-PILE-3

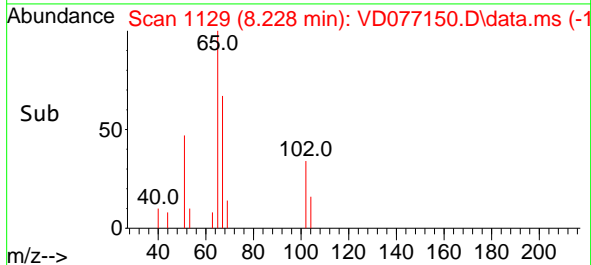
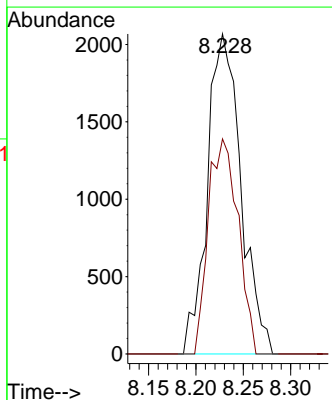
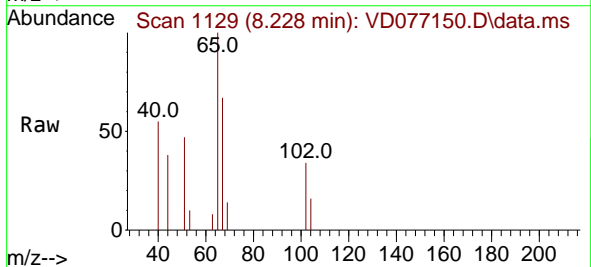


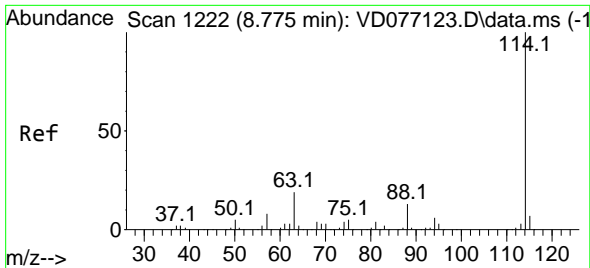
Tgt Ion:168 Resp: 5482
 Ion Ratio Lower Upper
 168 100
 99 45.0 36.7 55.1



#33
 1,2-Dichloroethane-d4
 Concen: 92.146 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VD077150.D
 Acq: 19 Sep 2023 16:59

Tgt Ion: 65 Resp: 5098
 Ion Ratio Lower Upper
 65 100
 67 59.5 0.0 115.0

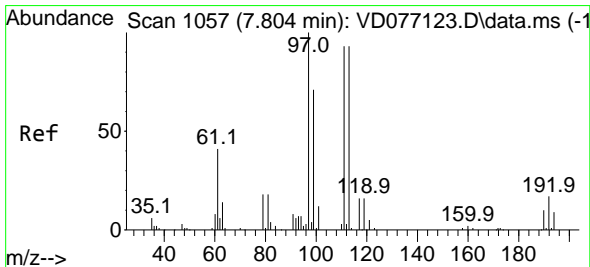
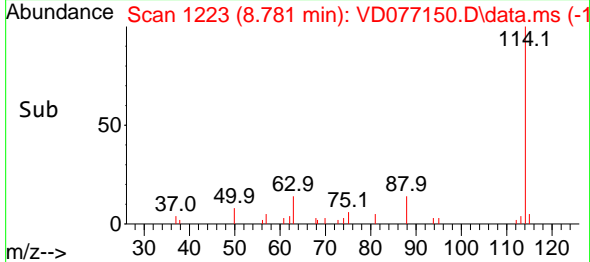
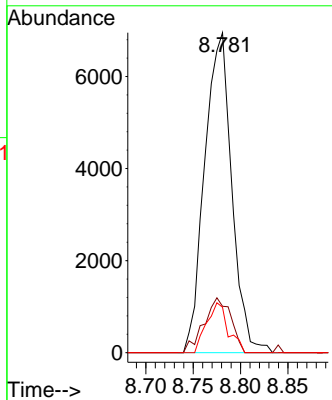
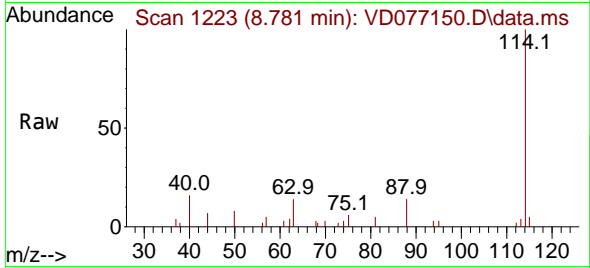




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD077150.D
 Acq: 19 Sep 2023 16:59

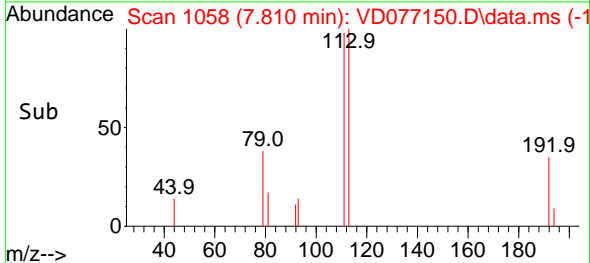
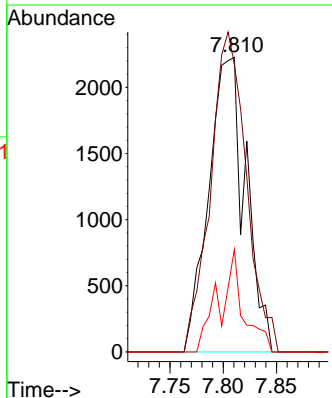
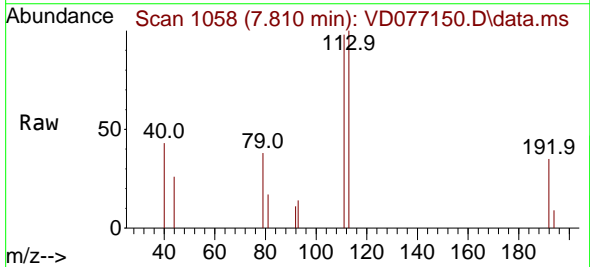
Instrument : MSVOA_D
 ClientSampleId : DIRTY-PILE-3

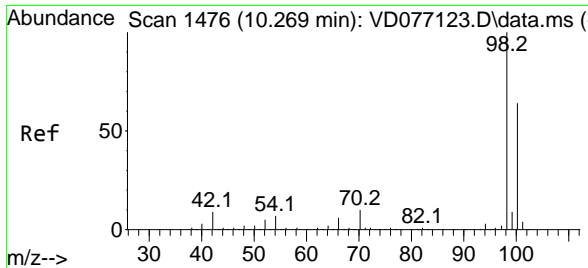
Tgt Ion	Resp	Lower	Upper
114	13841		
63	14.5	0.0	33.4
88	14.2	0.0	26.2



#35
 Dibromofluoromethane
 Concen: 55.950 ug/l
 RT: 7.810 min Scan# 1058
 Delta R.T. 0.006 min
 Lab File: VD077150.D
 Acq: 19 Sep 2023 16:59

Tgt Ion	Resp	Lower	Upper
113	5379		
111	105.2	84.7	127.1
192	22.6	16.8	25.2

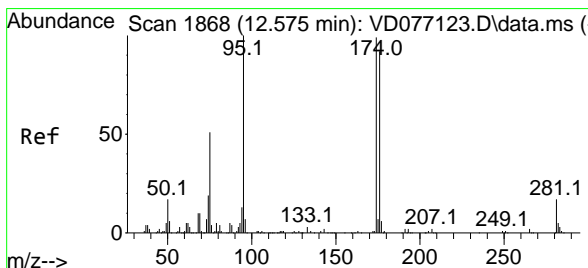
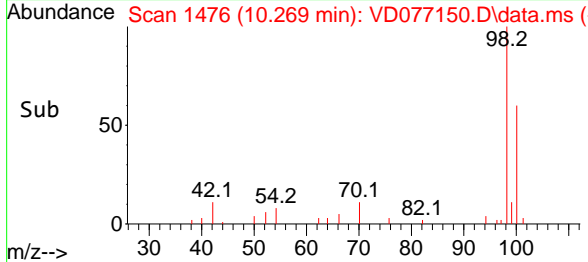
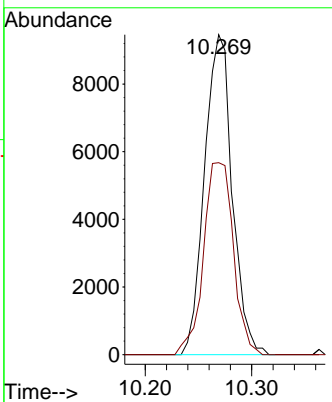
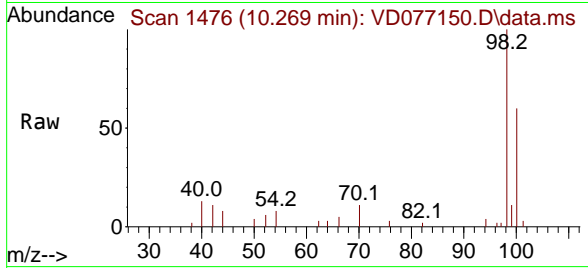




#50
 Toluene-d8
 Concen: 49.951 ug/l
 RT: 10.269 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VD077150.D
 Acq: 19 Sep 2023 16:59

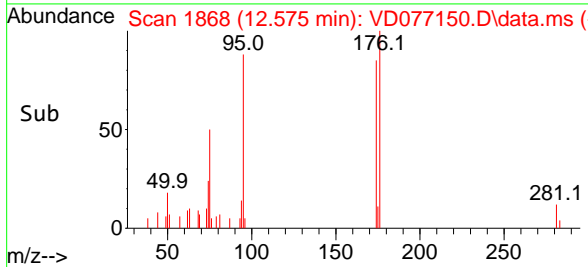
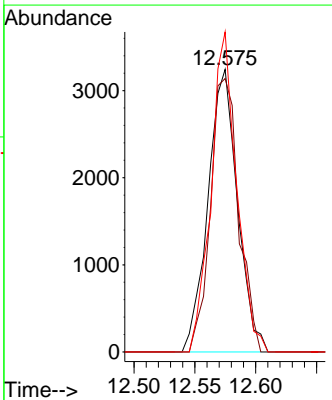
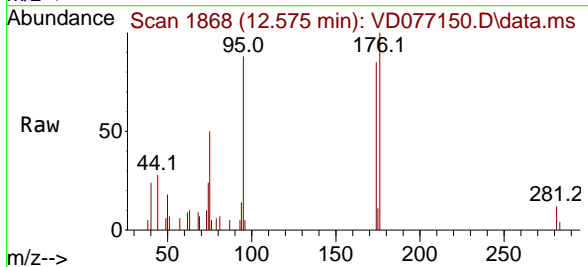
Instrument : MSVOA_D
 ClientSampleId : DIRTY-PILE-3

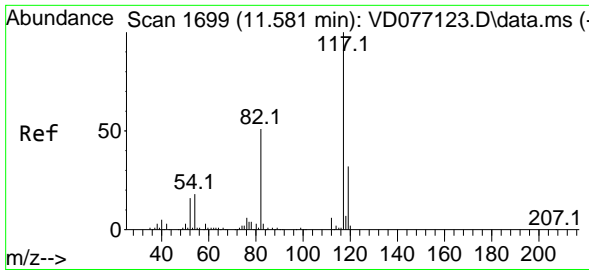
Tgt Ion: 98 Resp: 17093
 Ion Ratio Lower Upper
 98 100
 100 64.6 50.3 75.5



#62
 4-Bromofluorobenzene
 Concen: 51.536 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VD077150.D
 Acq: 19 Sep 2023 16:59

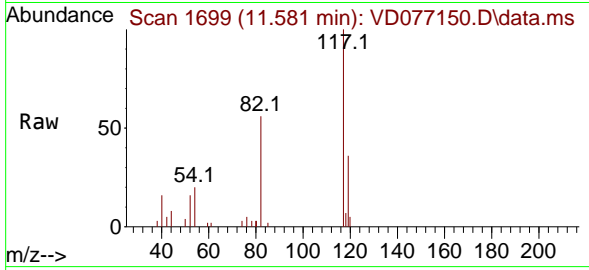
Tgt Ion: 95 Resp: 5466
 Ion Ratio Lower Upper
 95 100
 174 92.4 0.0 201.8
 176 98.5 0.0 191.8





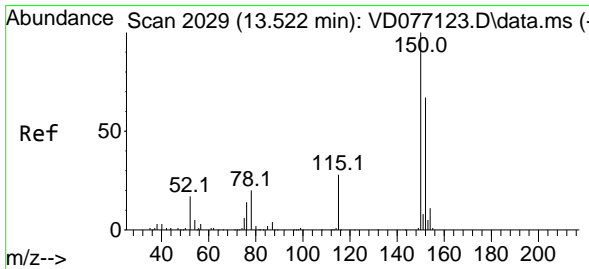
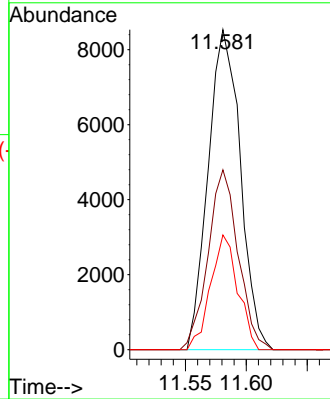
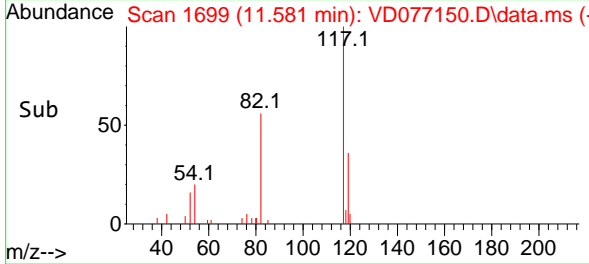
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1699
 Delta R.T. 0.000 min
 Lab File: VD077150.D
 Acq: 19 Sep 2023 16:59

Instrument : MSVOA_D
 ClientSampleId : DIRTY-PILE-3

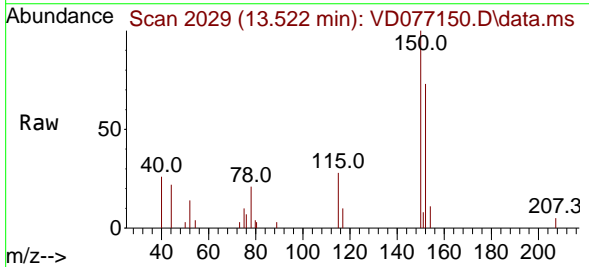


Tgt Ion:117 Resp: 15655

Ion	Ratio	Lower	Upper
117	100		
82	56.2	38.3	57.5
119	35.8	25.0	37.4



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. 0.000 min
 Lab File: VD077150.D
 Acq: 19 Sep 2023 16:59



Tgt Ion:152 Resp: 5454

Ion	Ratio	Lower	Upper
152	100		
115	50.9	27.1	81.3
150	146.3	0.0	353.6

