

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122923\
 Data File : VD078111.D
 Acq On : 29 Dec 2023 16:32
 Operator : RP/MD
 Sample : 06017-06
 Misc : 5.07G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB32-1-20231222-10.0-11.0

Quant Time: Dec 29 22:37:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	5325	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	8519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	8321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	4204	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.240	65	2985	63.001	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.000%
35) Dibromofluoromethane	7.804	113	2886	52.651	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.300%
50) Toluene-d8	10.275	98	11154	57.831	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	115.660%
62) 4-Bromofluorobenzene	12.569	95	3782	60.943	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	121.880%

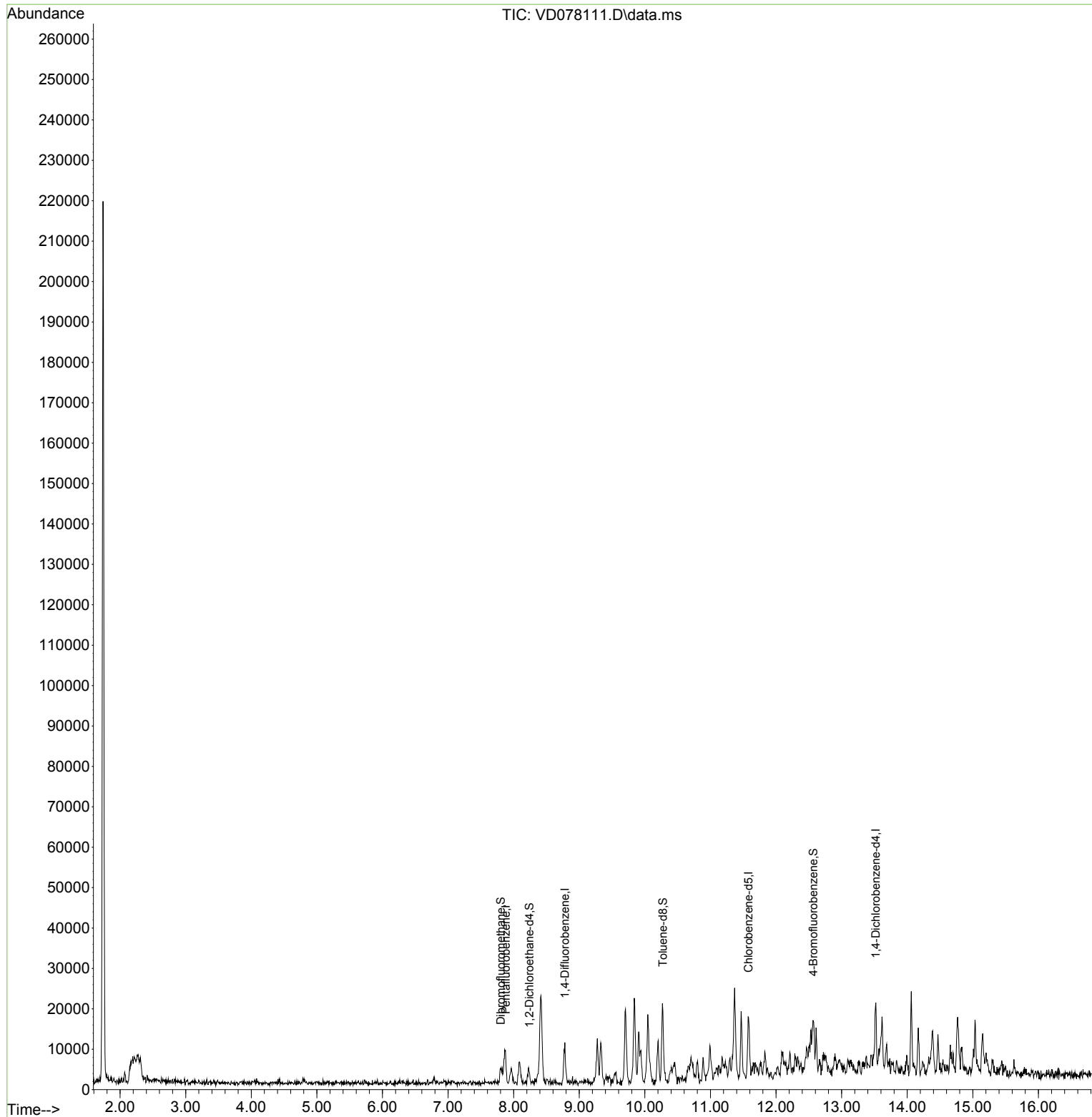
Target Compounds	Qvalue

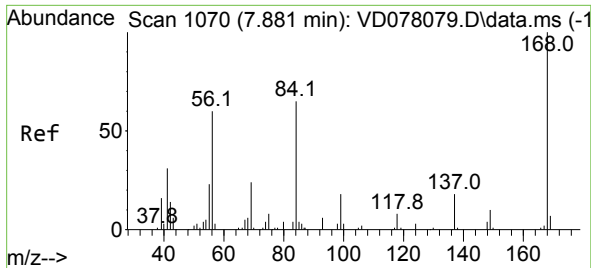
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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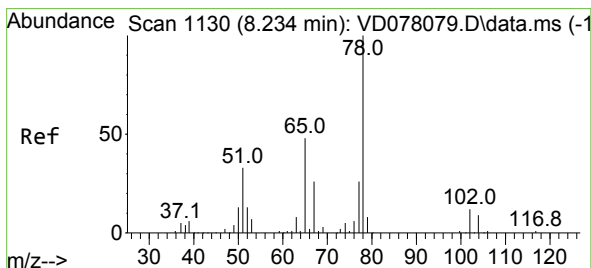
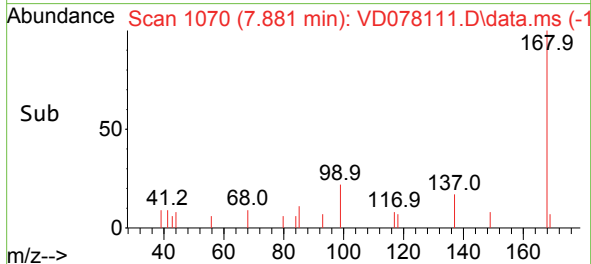
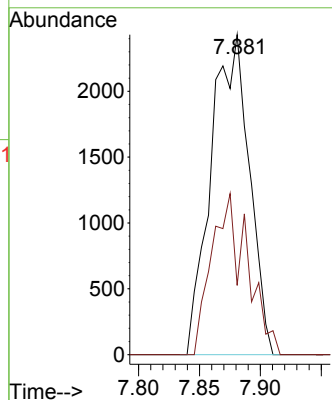
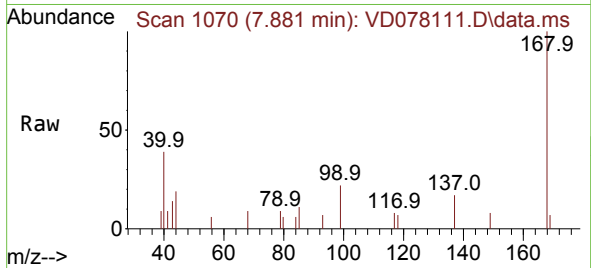




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

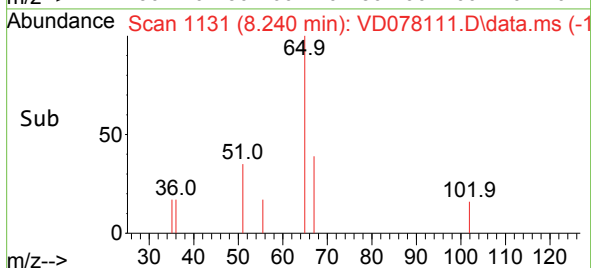
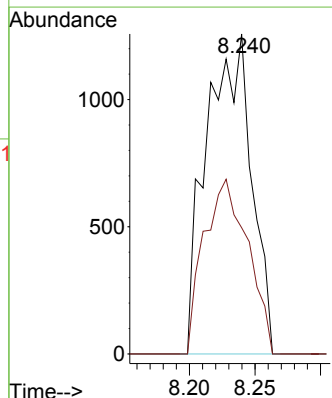
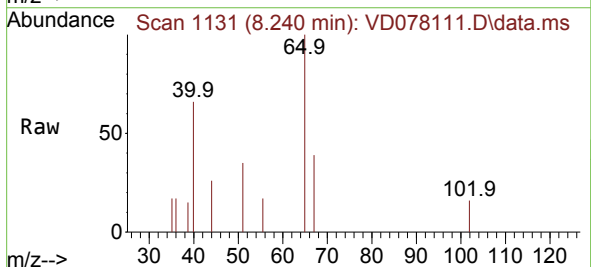
Instrument :
MSVOA_D
ClientSampleId :
SB32-1-20231222-10.0-11.0

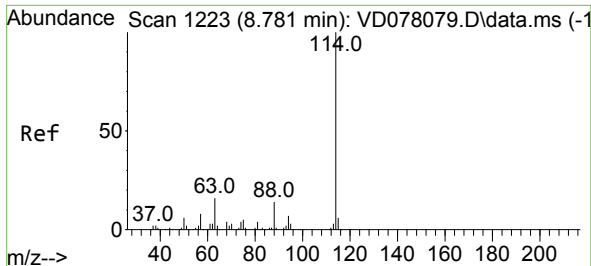
Tgt Ion:168 Resp: 5325
Ion Ratio Lower Upper
168 100
99 21.6 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 63.001 ug/l
RT: 8.240 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

Tgt Ion: 65 Resp: 2985
Ion Ratio Lower Upper
65 100
67 53.5 0.0 115.0

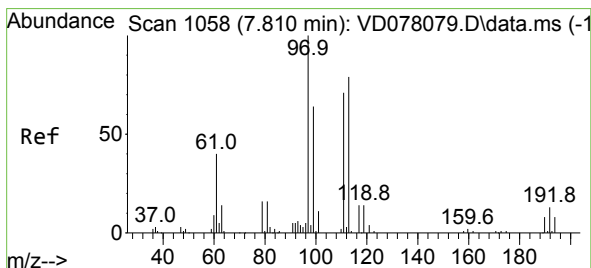
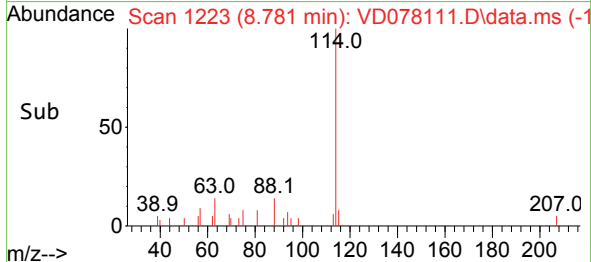
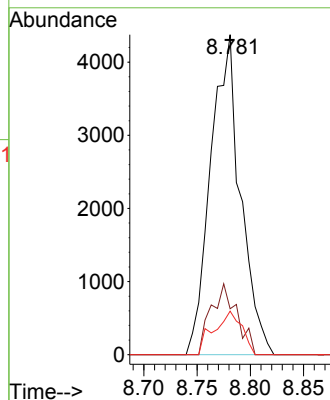
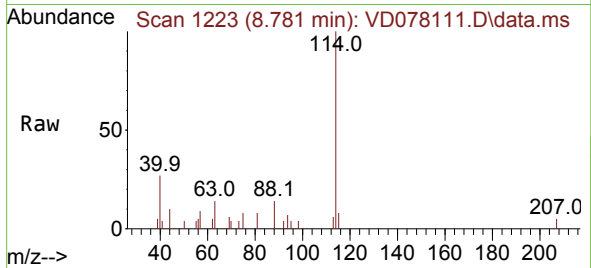




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

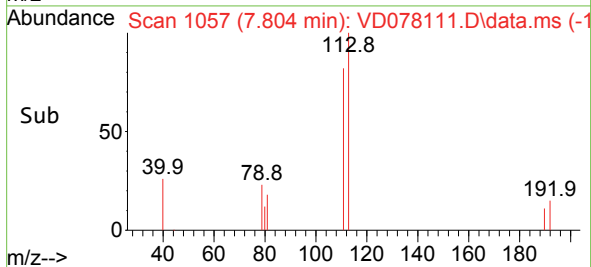
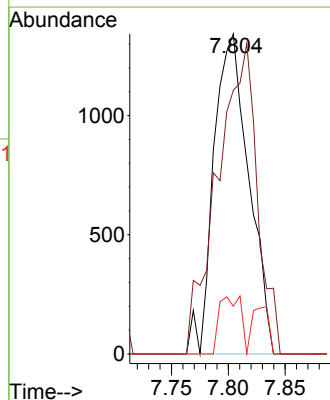
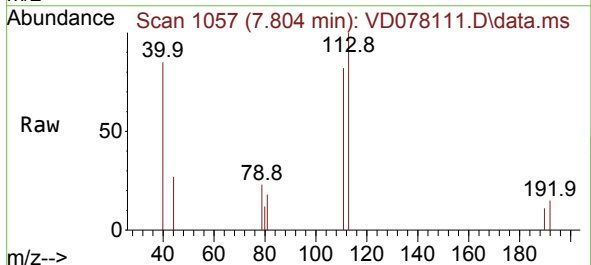
Instrument :
MSVOA_D
ClientSampleId :
SB32-1-20231222-10.0-11.0

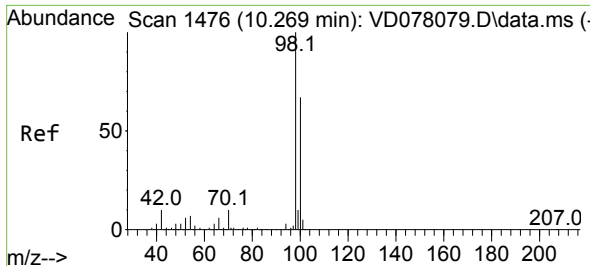
Tgt Ion:114	Resp:	8519
Ion Ratio	Lower	Upper
114	100	
63	14.4	0.0 33.4
88	13.6	0.0 26.2



#35
Dibromofluoromethane
Concen: 52.651 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

Tgt Ion:113	Resp:	2886
Ion Ratio	Lower	Upper
113	100	
111	109.7	84.7 127.1
192	11.1	16.8 25.2#

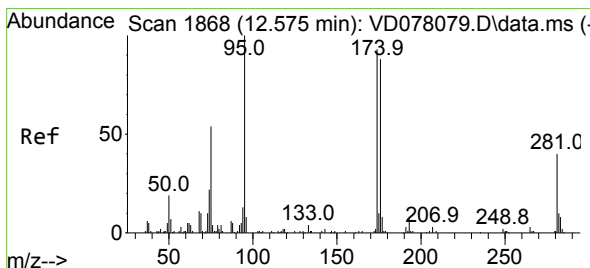
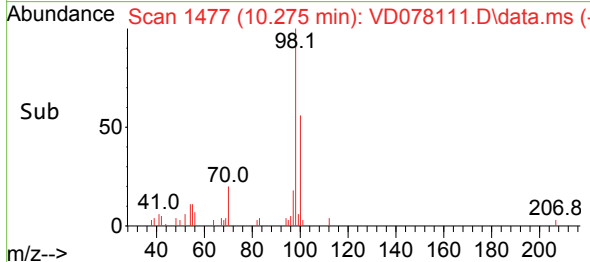
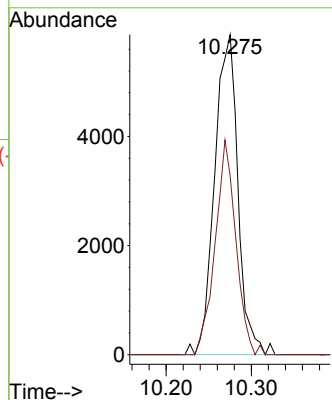
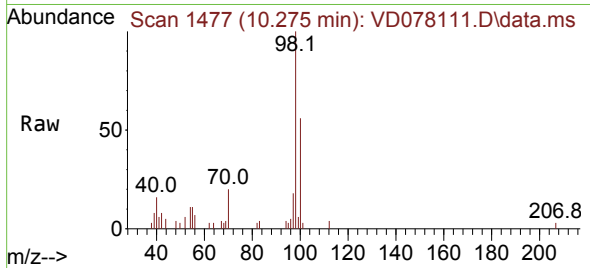




#50
Toluene-d8
Concen: 57.831 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

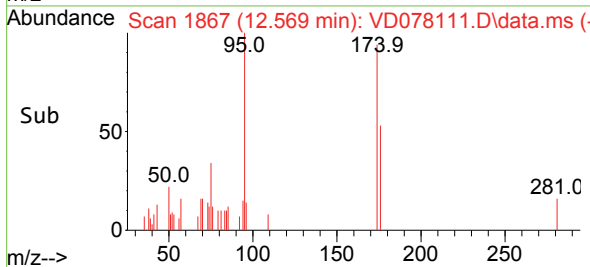
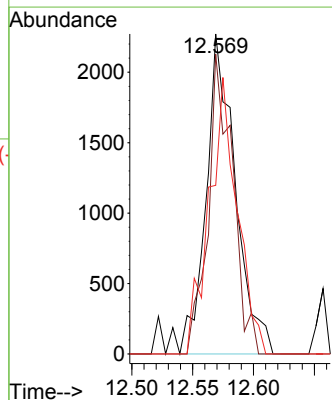
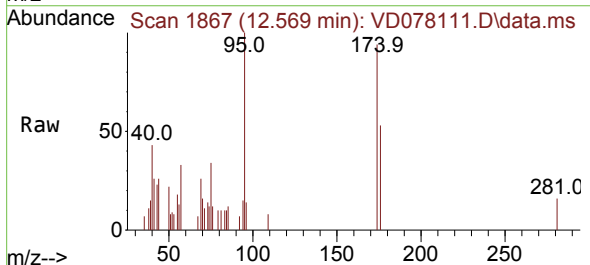
Instrument :
MSVOA_D
ClientSampleId :
SB32-1-20231222-10.0-11.0

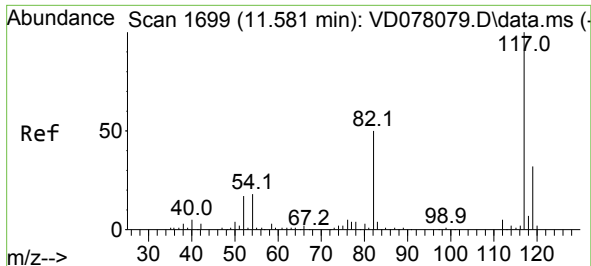
Tgt Ion: 98 Resp: 11154
Ion Ratio Lower Upper
98 100
100 59.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 60.943 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

Tgt Ion: 95 Resp: 3782
Ion Ratio Lower Upper
95 100
174 79.1 0.0 201.8
176 83.0 0.0 191.8

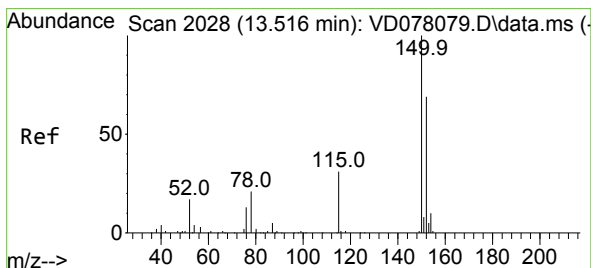
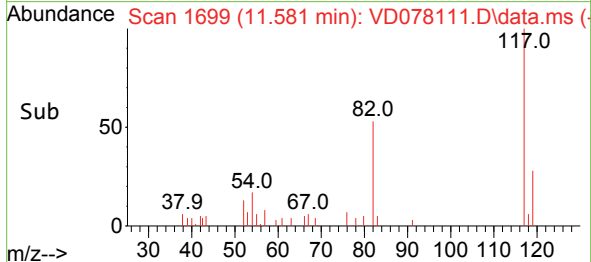
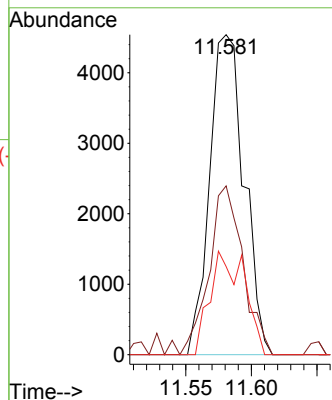
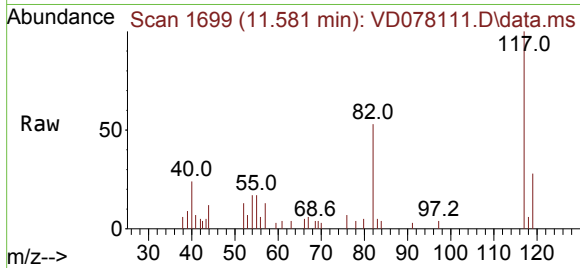




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

Instrument :
MSVOA_D
ClientSampleId :
SB32-1-20231222-10.0-11.0

Tgt Ion:	117	Resp:	8321
Ion Ratio	Lower	Upper	
117	100		
82	52.7	38.3	57.5
119	27.5	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078111.D
Acq: 29 Dec 2023 16:32

Tgt Ion:	152	Resp:	4204
Ion Ratio	Lower	Upper	
152	100		
115	58.2	27.1	81.3
150	131.0	0.0	353.6

