

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122823\
 Data File : VD078092.D
 Acq On : 28 Dec 2023 15:03
 Operator : RP/MD
 Sample : 06033-01
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-05-122723

Quant Time: Dec 28 22:25:48 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	7.875	168	27952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	45041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	47018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	21079	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	14807	59.535	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.080%
35) Dibromofluoromethane	7.804	113	16325	56.330	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.660%
50) Toluene-d8	10.269	98	53689	52.649	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.300%
62) 4-Bromofluorobenzene	12.575	95	18520	56.444	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	112.880%

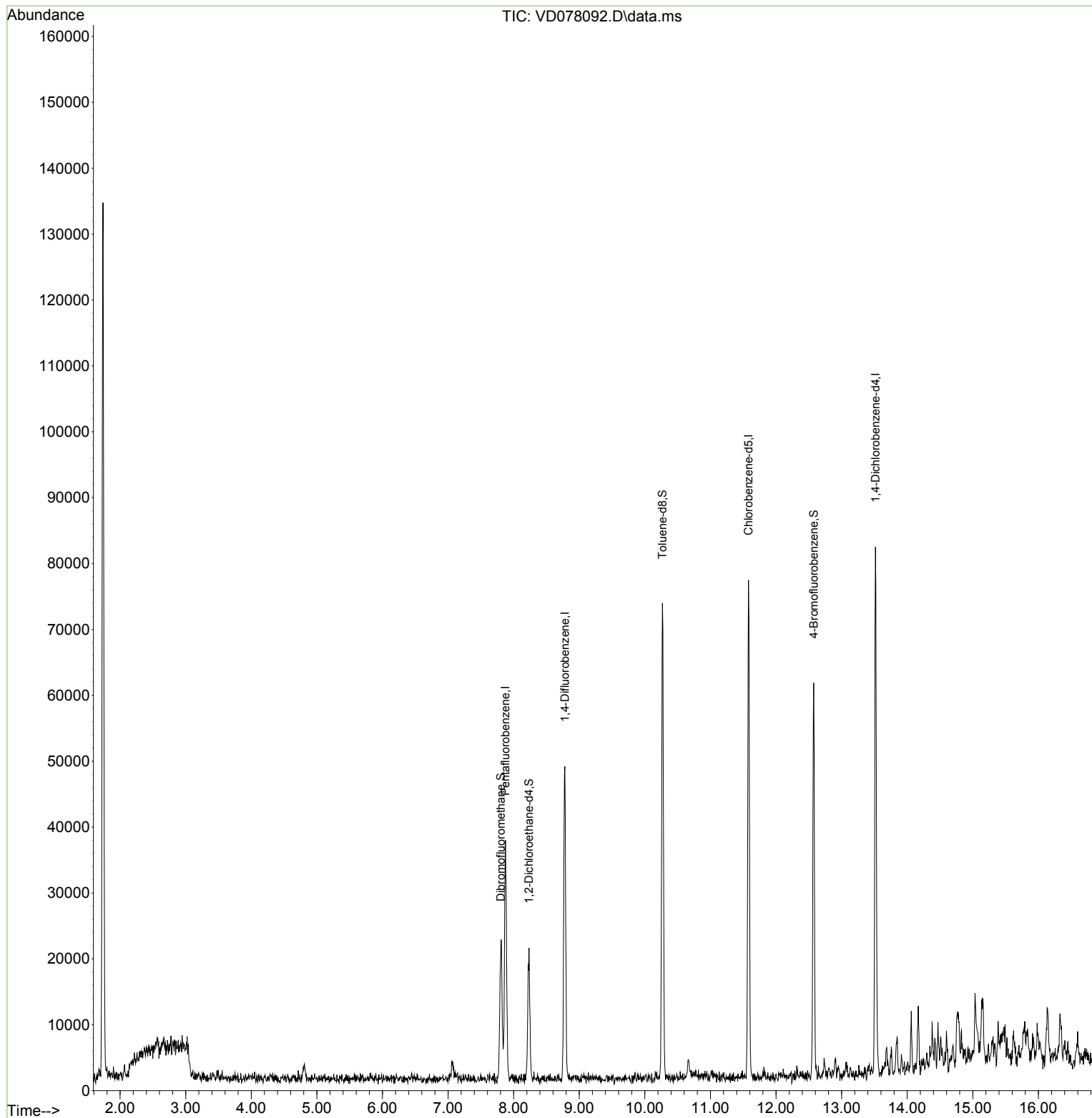
Target Compounds	Qvalue

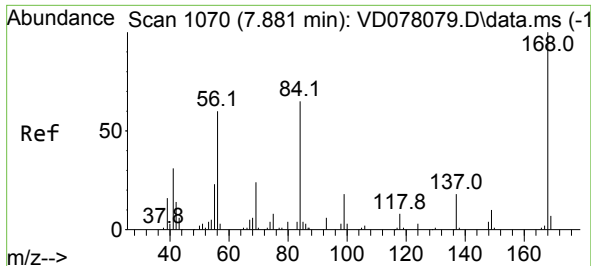
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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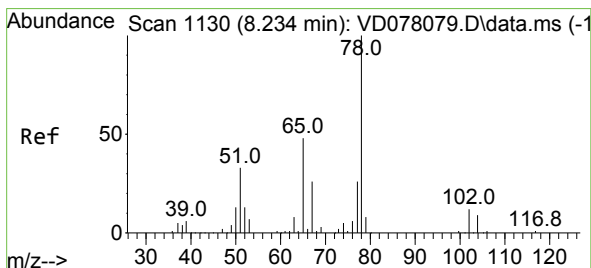
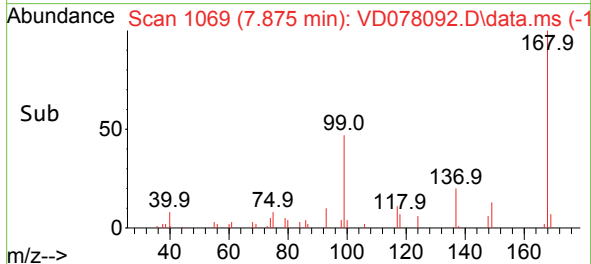
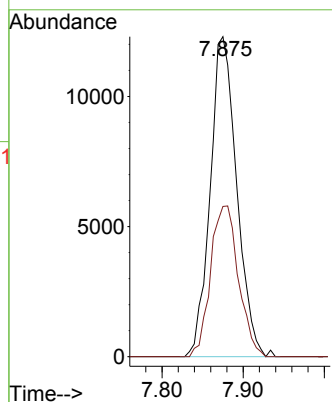
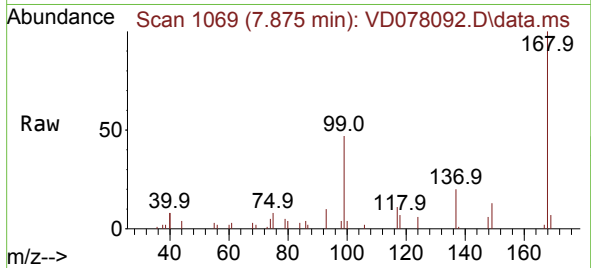




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078092.D
Acq: 28 Dec 2023 15:03

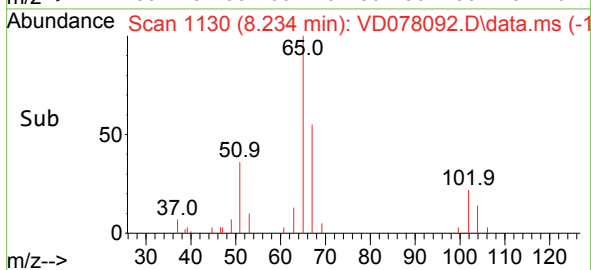
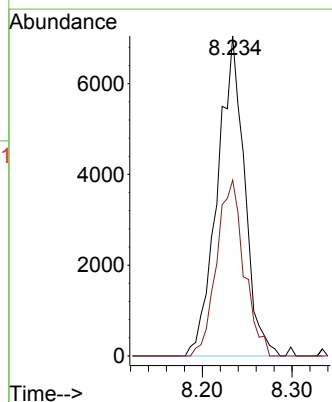
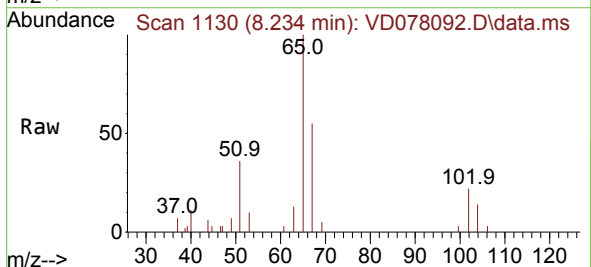
Instrument :
MSVOA_D
ClientSampleId :
OR-05-122723

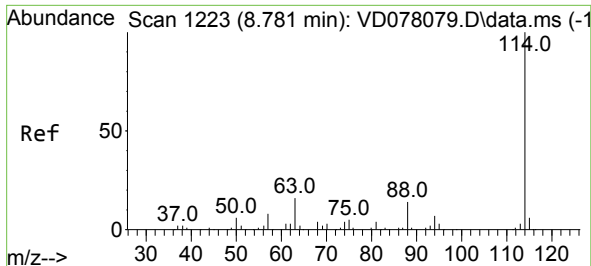
Tgt Ion:168 Resp: 27952
Ion Ratio Lower Upper
168 100
99 47.0 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 59.535 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078092.D
Acq: 28 Dec 2023 15:03

Tgt Ion: 65 Resp: 14807
Ion Ratio Lower Upper
65 100
67 55.7 0.0 115.0

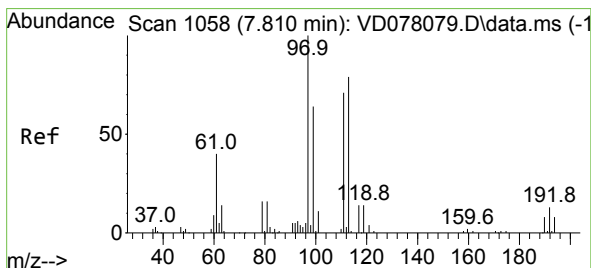
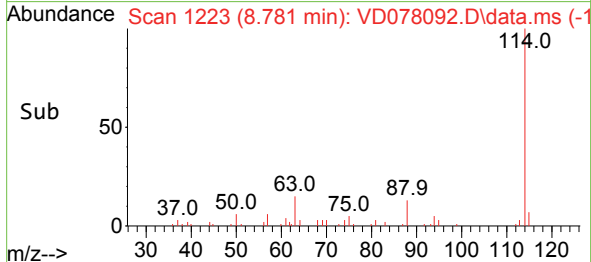
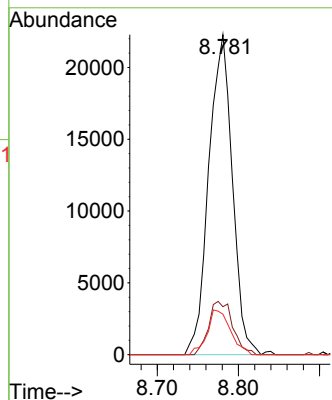
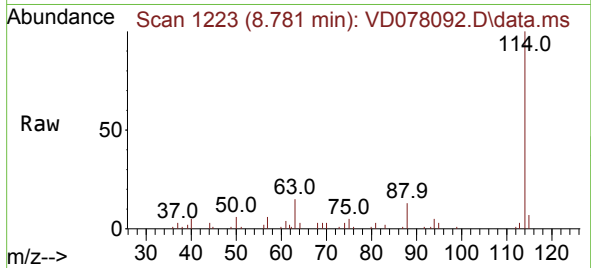




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078092.D
Acq: 28 Dec 2023 15:03

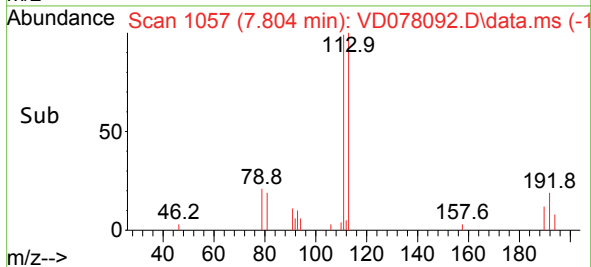
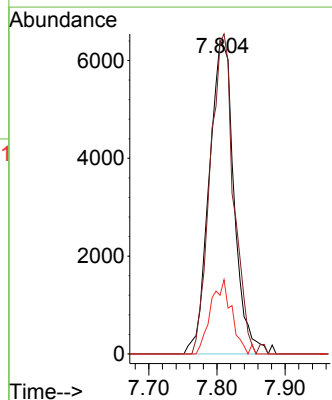
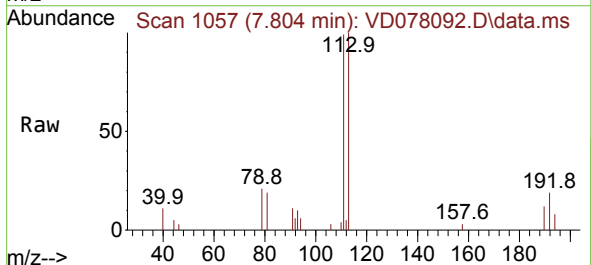
Instrument :
MSVOA_D
ClientSampleId :
OR-05-122723

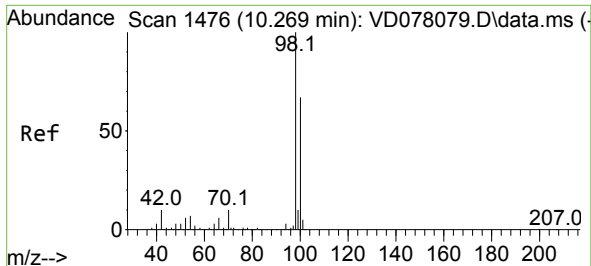
Tgt Ion:114 Resp: 45041
Ion Ratio Lower Upper
114 100
63 15.0 0.0 33.4
88 12.7 0.0 26.2



#35
Dibromofluoromethane
Concen: 56.330 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078092.D
Acq: 28 Dec 2023 15:03

Tgt Ion:113 Resp: 16325
Ion Ratio Lower Upper
113 100
111 95.8 84.7 127.1
192 19.7 16.8 25.2

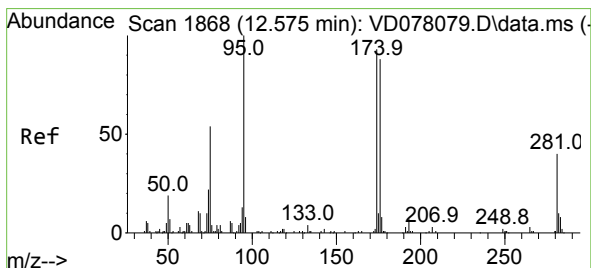
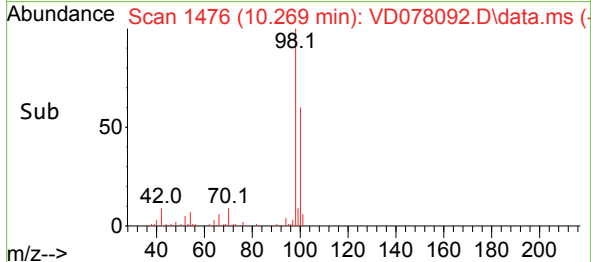
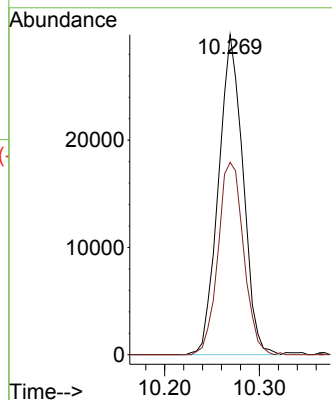
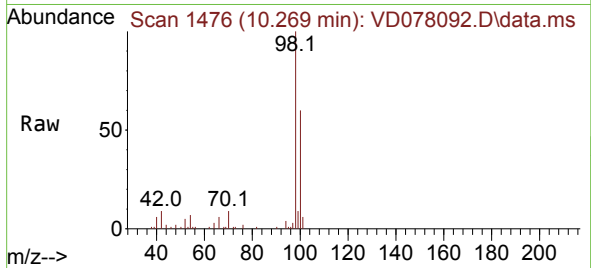




#50
Toluene-d8
Concen: 52.649 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078092.D
Acq: 28 Dec 2023 15:03

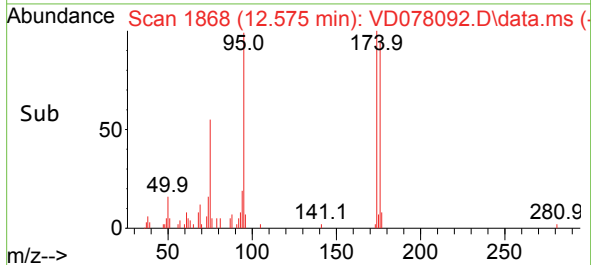
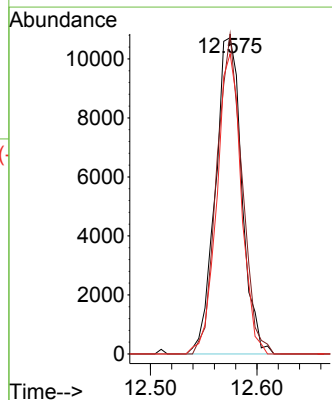
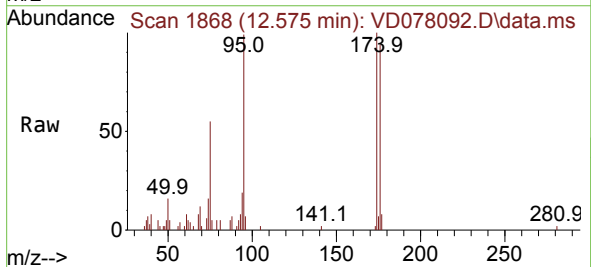
Instrument :
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OR-05-122723

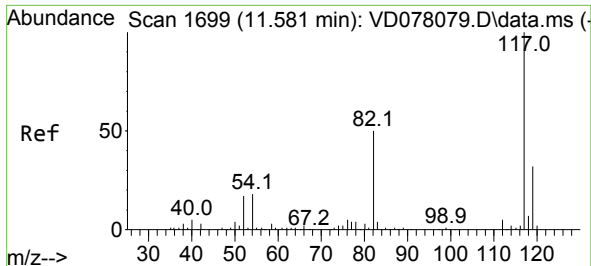
Tgt Ion: 98 Resp: 53689
Ion Ratio Lower Upper
98 100
100 62.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 56.444 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078092.D
Acq: 28 Dec 2023 15:03

Tgt Ion: 95 Resp: 18520
Ion Ratio Lower Upper
95 100
174 96.2 0.0 201.8
176 87.6 0.0 191.8

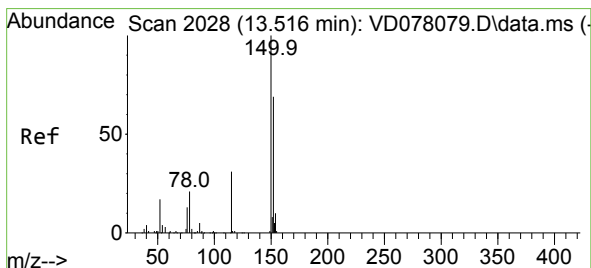
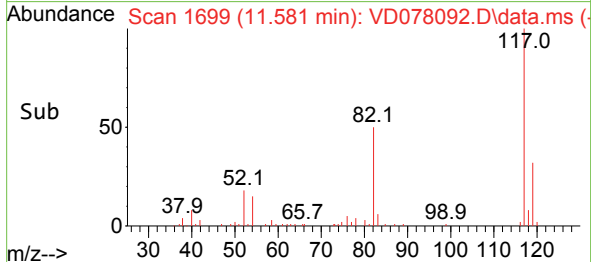
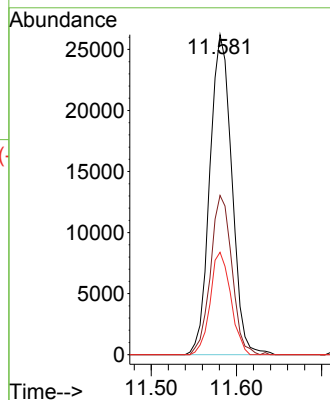
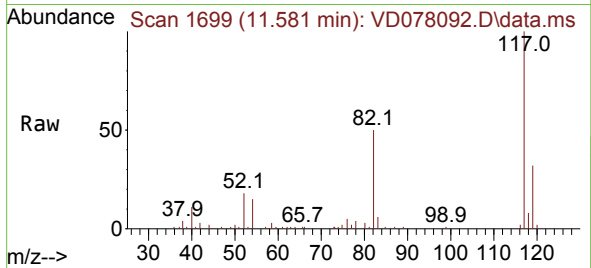




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078092.D
Acq: 28 Dec 2023 15:03

Instrument :
MSVOA_D
ClientSampleId :
OR-05-122723

Tgt Ion:117	Resp:	47018
Ion	Ratio	Lower Upper
117	100	
82	49.7	38.3 57.5
119	32.0	25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078092.D
Acq: 28 Dec 2023 15:03

Tgt Ion:152	Resp:	21079
Ion	Ratio	Lower Upper
152	100	
115	55.5	27.1 81.3
150	163.7	0.0 353.6

