

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122923\
 Data File : VD078103.D
 Acq On : 29 Dec 2023 12:54
 Operator : RP/MD
 Sample : 06033-01RE
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-05-122723RE

Quant Time: Dec 29 22:34:23 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	7.869	168	7595	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.775	114	13407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	13502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	6584	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.239	65	4909	72.642	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.280%
35) Dibromofluoromethane	7.804	113	4893	56.721	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.440%
50) Toluene-d8	10.275	98	15936	52.501	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.000%
62) 4-Bromofluorobenzene	12.574	95	4784	48.983	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.960%

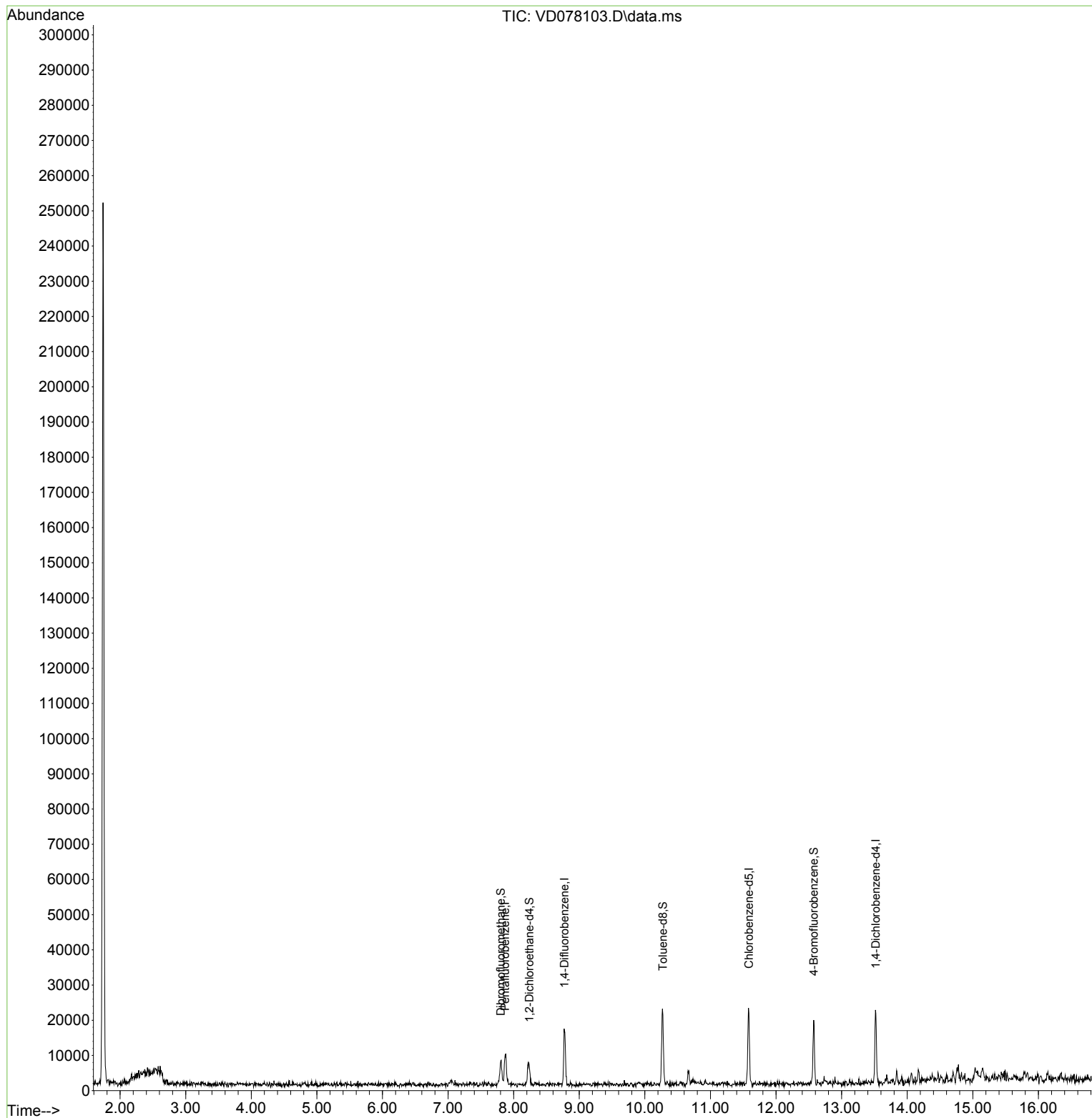
Target Compounds	Qvalue

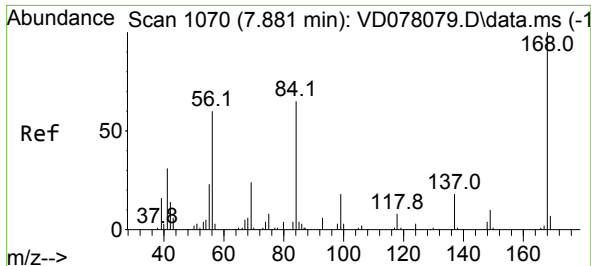
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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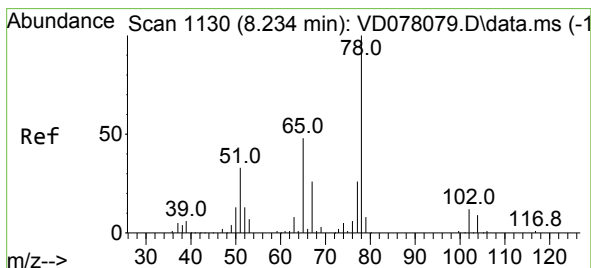
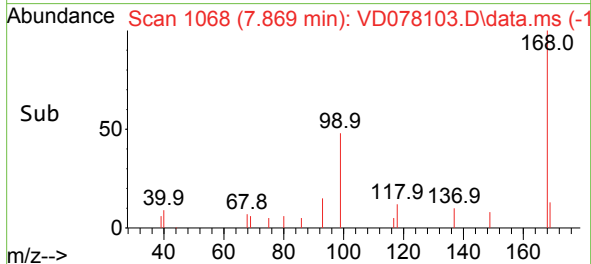
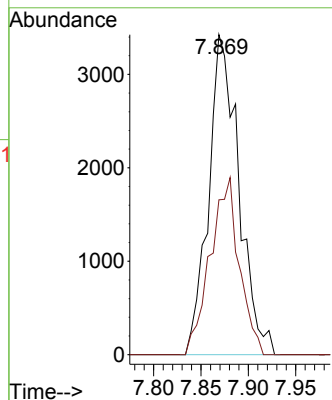
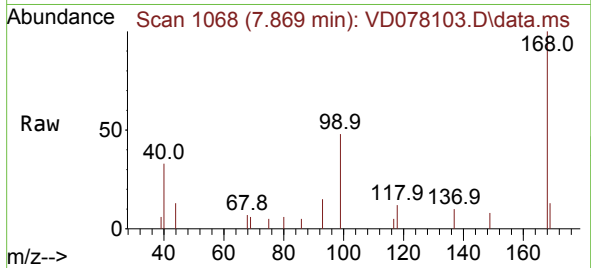




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD078103.D
Acq: 29 Dec 2023 12:54

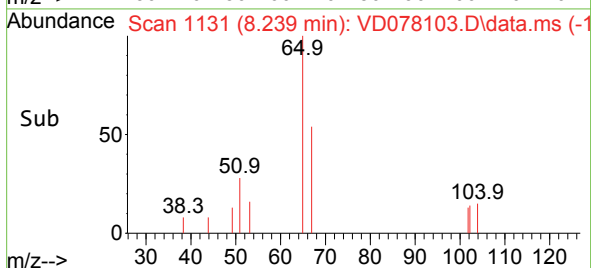
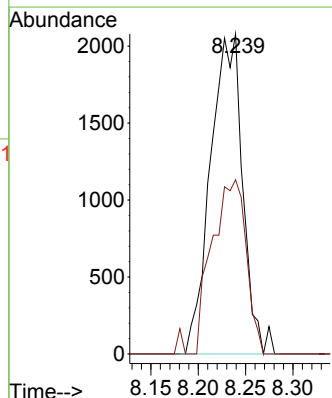
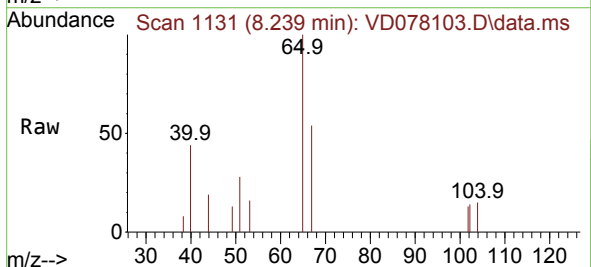
Instrument :
MSVOA_D
ClientSampleId :
OR-05-122723RE

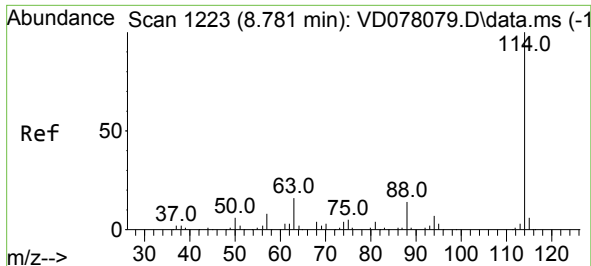
Tgt Ion:168 Resp: 7595
Ion Ratio Lower Upper
168 100
99 48.4 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 72.642 ug/l
RT: 8.239 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VD078103.D
Acq: 29 Dec 2023 12:54

Tgt Ion: 65 Resp: 4909
Ion Ratio Lower Upper
65 100
67 57.9 0.0 115.0

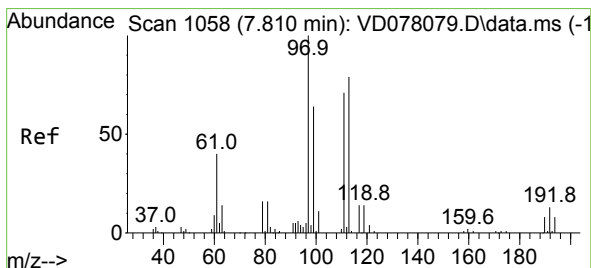
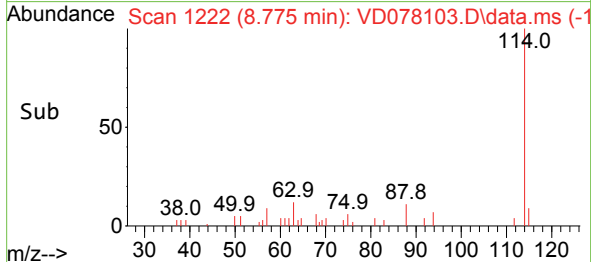
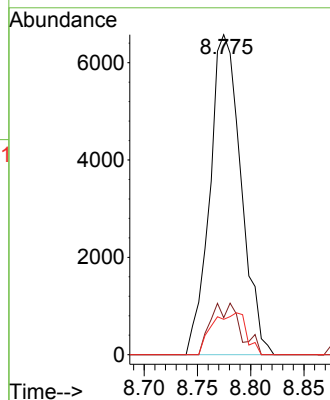
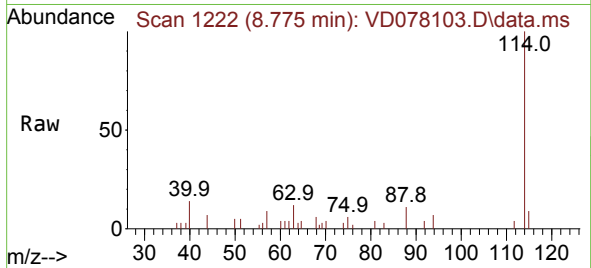




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078103.D
Acq: 29 Dec 2023 12:54

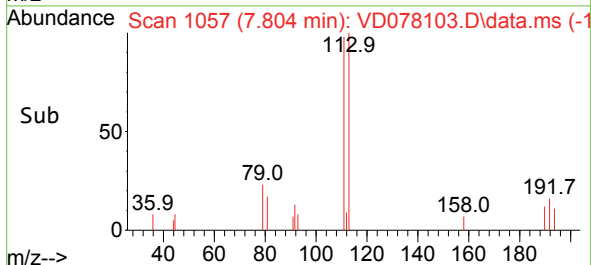
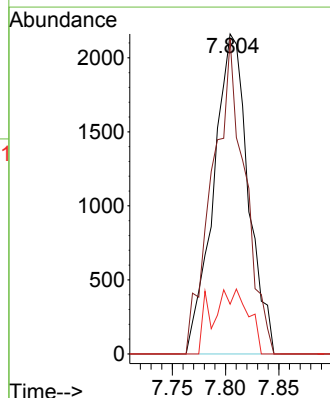
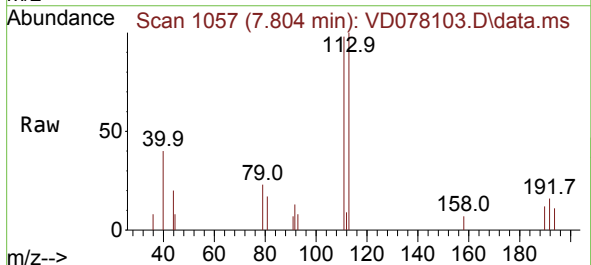
Instrument :
MSVOA_D
ClientSampleId :
OR-05-122723RE

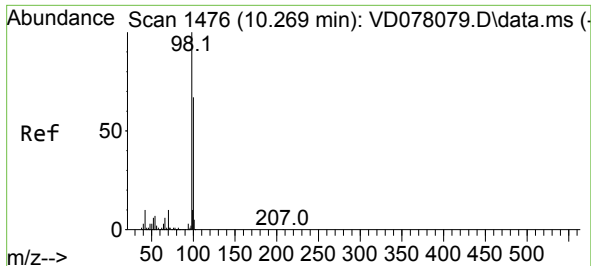
Tgt Ion:114 Resp: 13407
Ion Ratio Lower Upper
114 100
63 11.6 0.0 33.4
88 11.1 0.0 26.2



#35
Dibromofluoromethane
Concen: 56.721 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078103.D
Acq: 29 Dec 2023 12:54

Tgt Ion:113 Resp: 4893
Ion Ratio Lower Upper
113 100
111 92.4 84.7 127.1
192 21.1 16.8 25.2

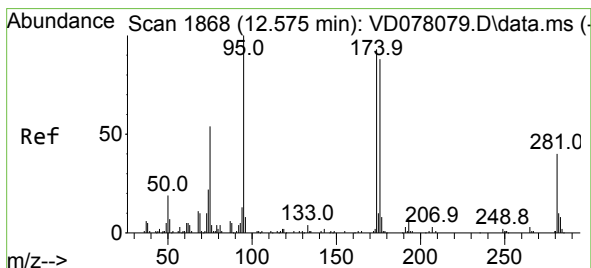
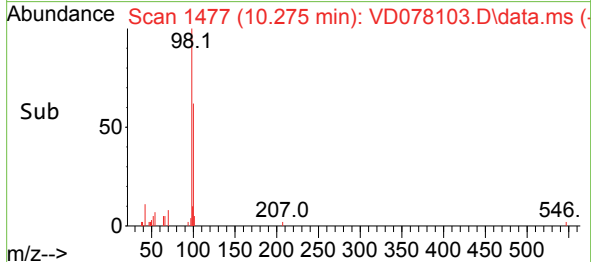
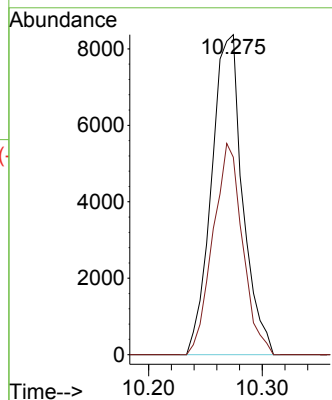
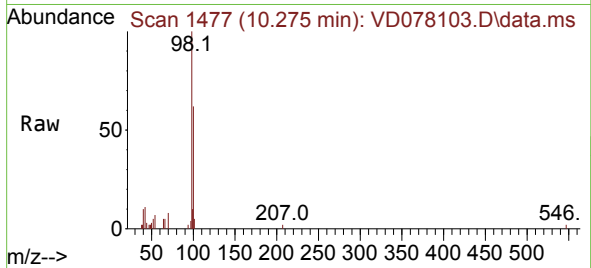




#50
Toluene-d8
Concen: 52.501 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD078103.D
Acq: 29 Dec 2023 12:54

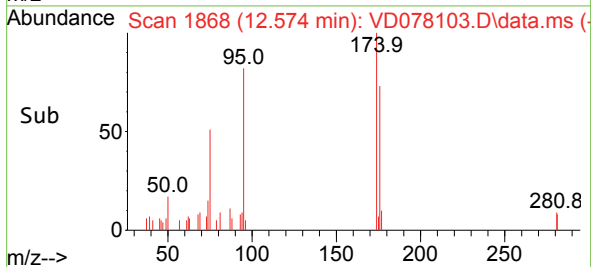
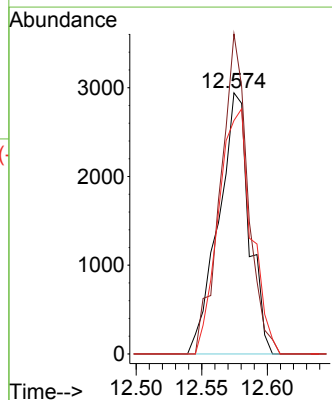
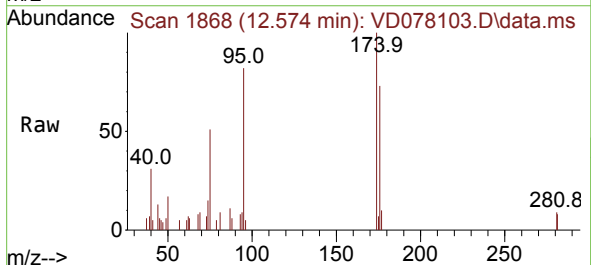
Instrument :
MSVOA_D
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OR-05-122723RE

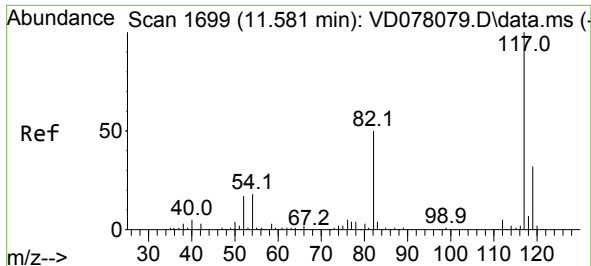
Tgt Ion: 98 Resp: 15936
Ion Ratio Lower Upper
98 100
100 62.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 48.983 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078103.D
Acq: 29 Dec 2023 12:54

Tgt Ion: 95 Resp: 4784
Ion Ratio Lower Upper
95 100
174 110.1 0.0 201.8
176 101.1 0.0 191.8

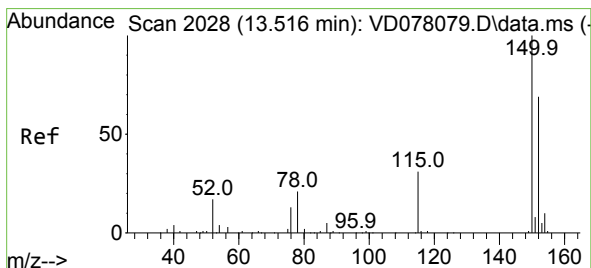
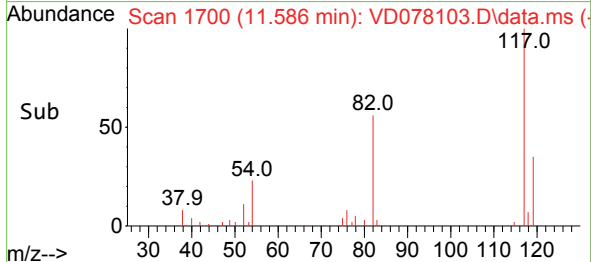
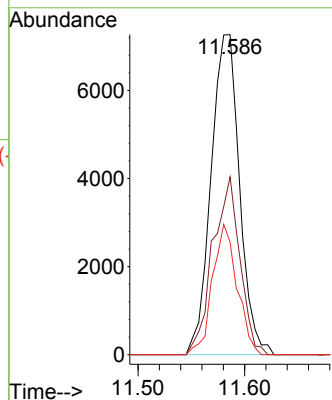
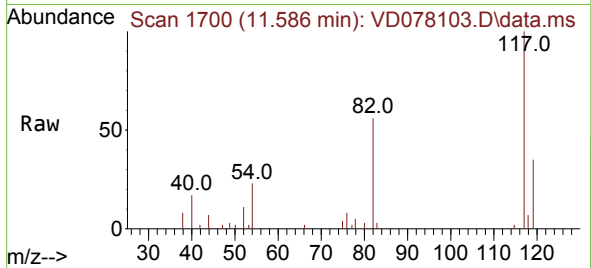




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078103.D
Acq: 29 Dec 2023 12:54

Instrument :
MSVOA_D
ClientSampleId :
OR-05-122723RE

Tgt Ion:117 Resp: 13502
Ion Ratio Lower Upper
117 100
82 55.6 38.3 57.5
119 35.1 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: VD078103.D
Acq: 29 Dec 2023 12:54

Tgt Ion:152 Resp: 6584
Ion Ratio Lower Upper
152 100
115 54.4 27.1 81.3
150 149.0 0.0 353.6

