

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082823\
 Data File : VD077049.D
 Acq On : 28 Aug 2023 18:53
 Operator : JC/SY
 Sample : 04177-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-1-082523

Quant Time: Aug 29 02:52:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 02:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	4860	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	13792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	10973	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	4613	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	3810	79.624	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	159.240%
35) Dibromofluoromethane	7.805	113	4303	46.701	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.400%
50) Toluene-d8	10.269	98	12422	37.266	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.540%
62) 4-Bromofluorobenzene	12.575	95	3439	34.992	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.980%

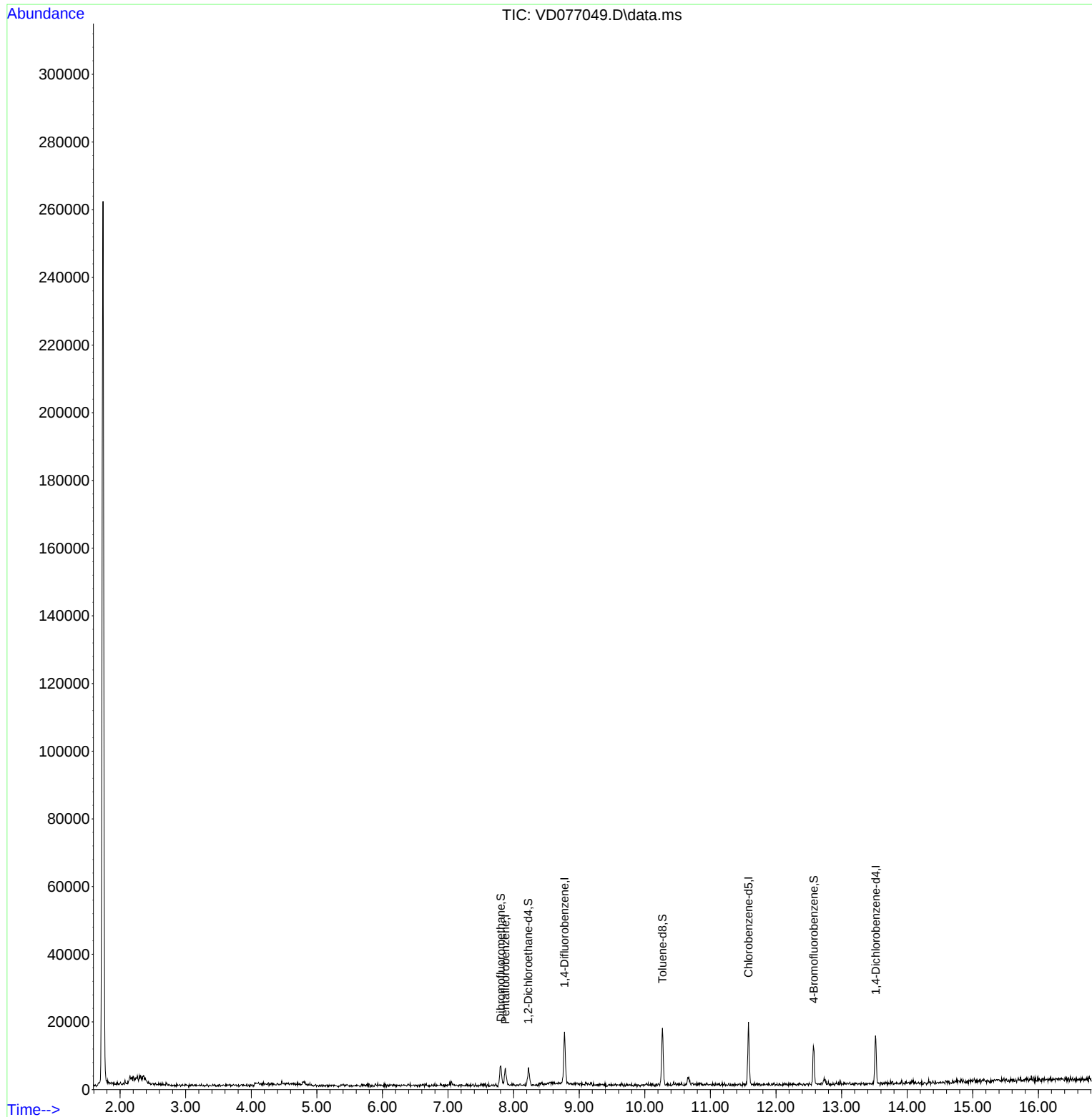
Target Compounds	Qvalue

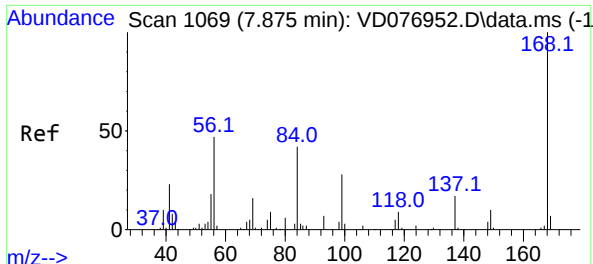
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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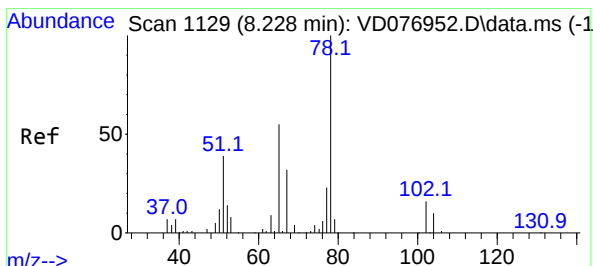
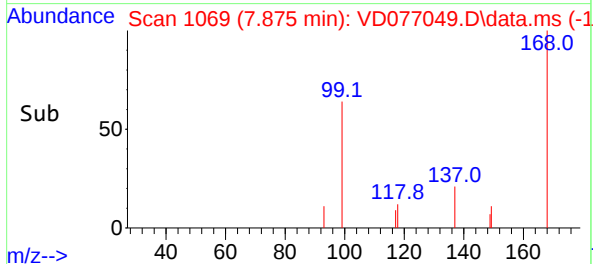
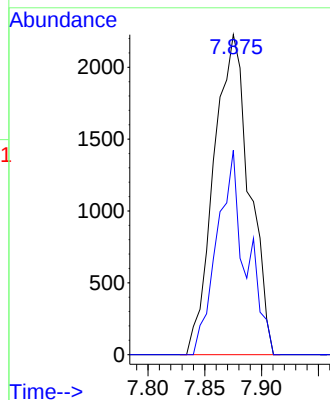
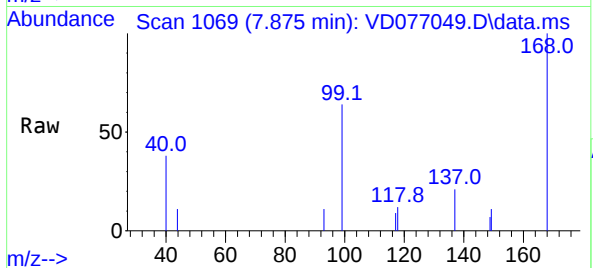




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077049.D
Acq: 28 Aug 2023 18:53

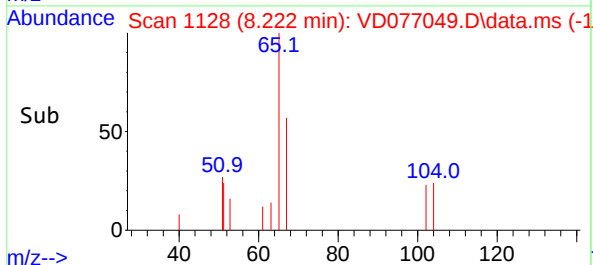
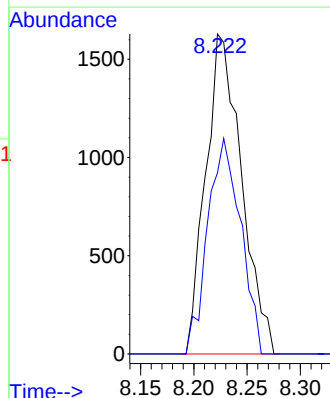
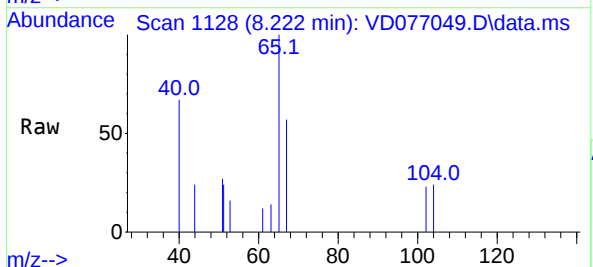
Instrument :
MSVOA_D
ClientSampleId :
EO-1-082523

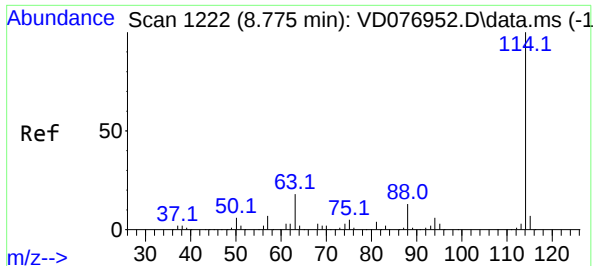
Tgt Ion:168 Resp: 4860
Ion Ratio Lower Upper
168 100
99 63.9 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 79.624 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VD077049.D
Acq: 28 Aug 2023 18:53

Tgt Ion: 65 Resp: 3810
Ion Ratio Lower Upper
65 100
67 61.8 0.0 115.0

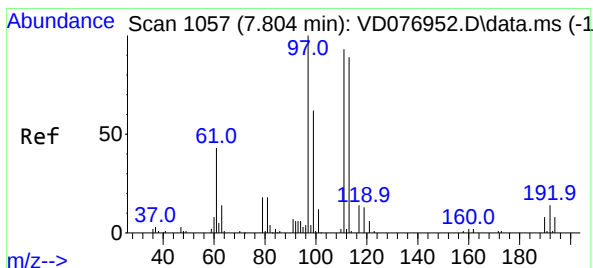
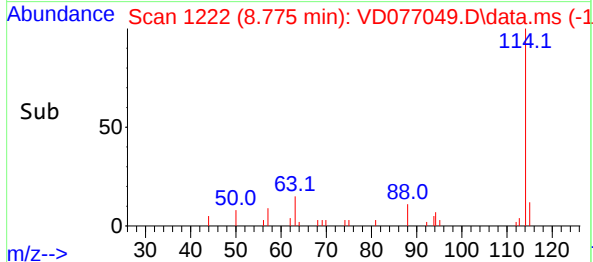
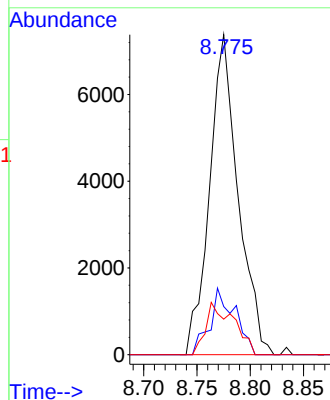
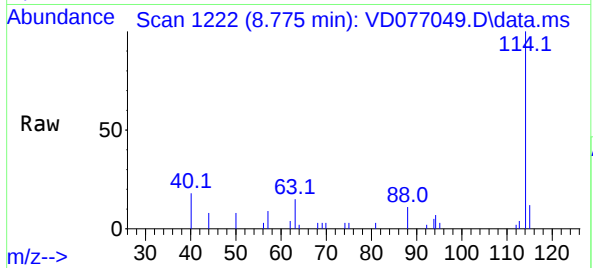




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077049.D
Acq: 28 Aug 2023 18:53

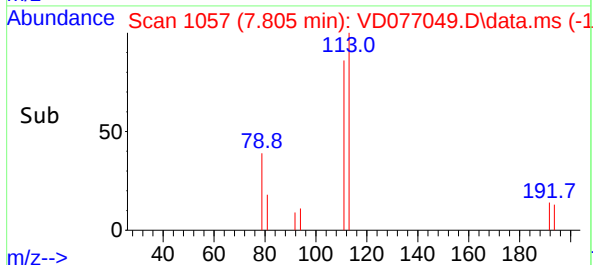
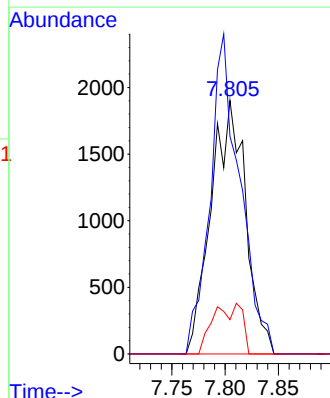
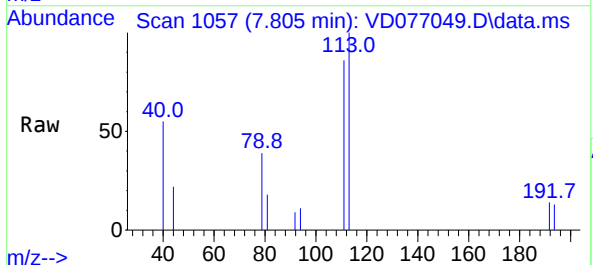
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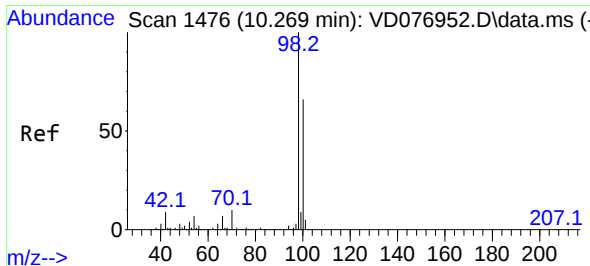
Tgt Ion:	114	Resp:	13792
Ion	Ratio	Lower	Upper
114	100		
63	15.1	0.0	33.4
88	11.1	0.0	26.2



#35
Dibromofluoromethane
Concen: 46.701 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD077049.D
Acq: 28 Aug 2023 18:53

Tgt Ion:	113	Resp:	4303
Ion	Ratio	Lower	Upper
113	100		
111	108.6	84.7	127.1
192	16.7	16.8	25.2#

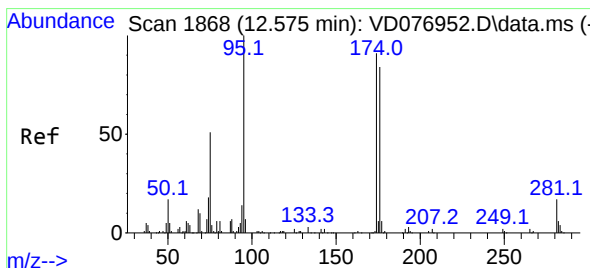
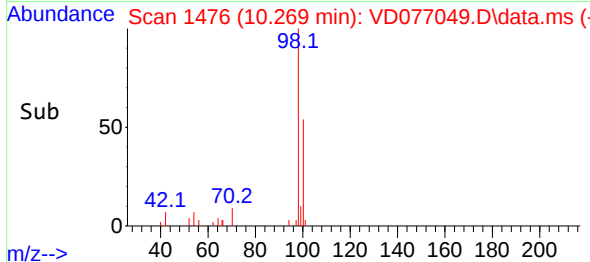
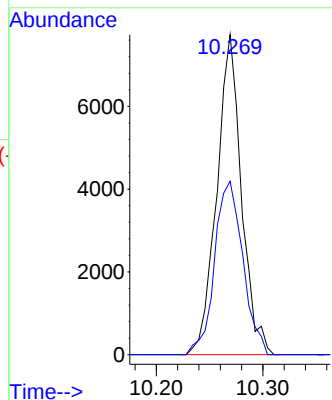
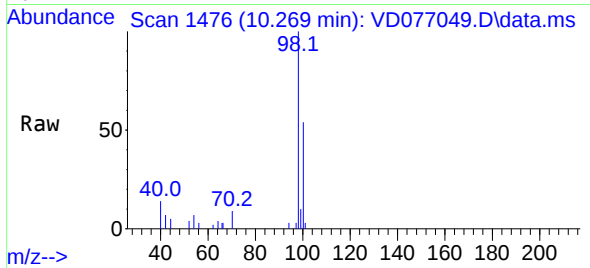




#50
Toluene-d8
Concen: 37.266 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077049.D
Acq: 28 Aug 2023 18:53

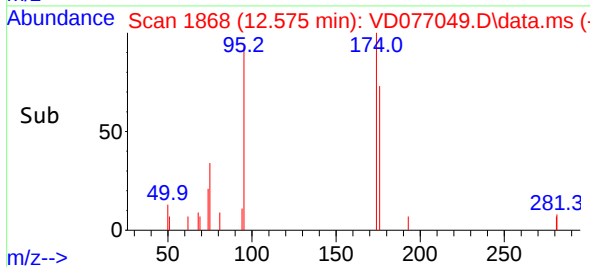
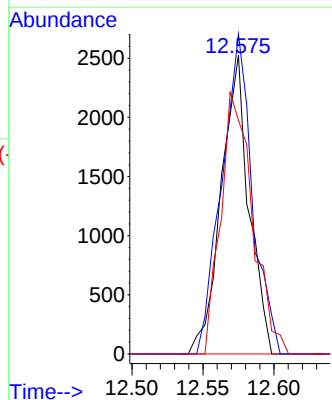
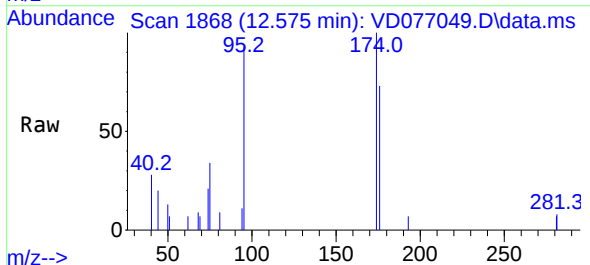
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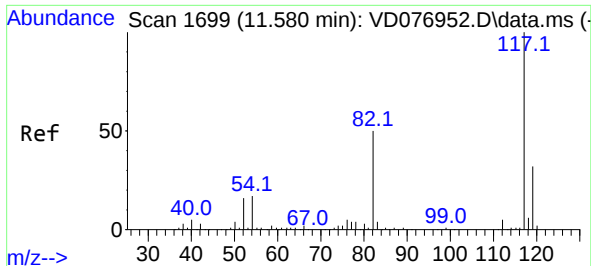
Tgt Ion: 98 Resp: 12422
Ion Ratio Lower Upper
98 100
100 62.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 34.992 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077049.D
Acq: 28 Aug 2023 18:53

Tgt Ion: 95 Resp: 3439
Ion Ratio Lower Upper
95 100
174 117.8 0.0 201.8
176 100.1 0.0 191.8

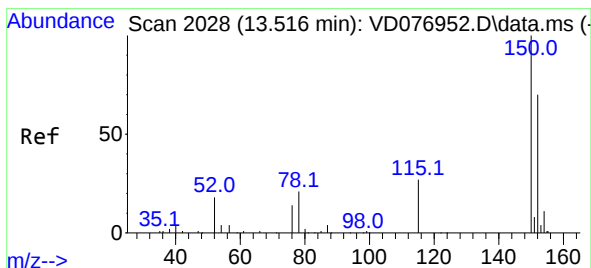
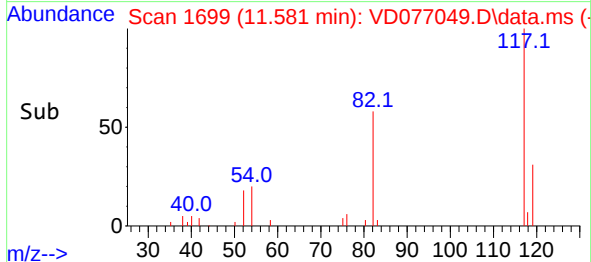
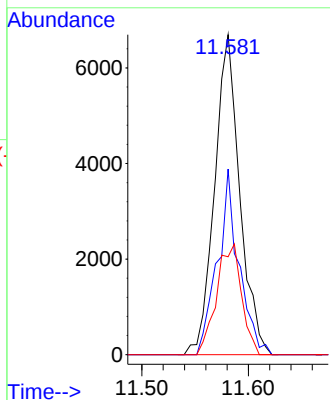
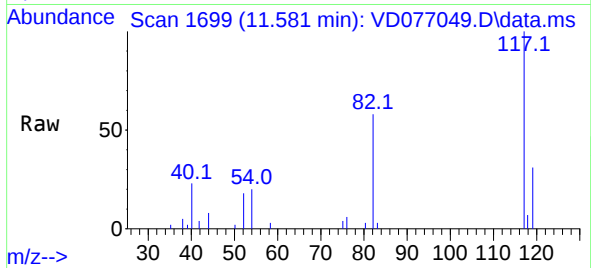




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 10973
Delta R.T. 0.001 min
Lab File: VD077049.D
Acq: 28 Aug 2023 18:53

Instrument :
MSVOA_D
ClientSampleId :
EO-1-082523

Tgt Ion:117 Resp: 10973
Ion Ratio Lower Upper
117 100
82 58.0 38.3 57.5#
119 30.6 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: VD077049.D
Acq: 28 Aug 2023 18:53

Tgt Ion:152 Resp: 4613
Ion Ratio Lower Upper
152 100
115 60.0 27.1 81.3
150 159.5 0.0 353.6

