

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021023\
 Data File : VD075310.D
 Acq On : 10 Feb 2023 15:06
 Operator : KP/SY
 Sample : 01508-08
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PA-2

Quant Time: Feb 10 23:40:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	70576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	117117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	119340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	55791	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	33294	40.231	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.460%
35) Dibromofluoromethane	7.805	113	36065	43.916	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.840%
50) Toluene-d8	10.269	98	146027	46.888	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.780%
62) 4-Bromofluorobenzene	12.575	95	49960	48.650	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.300%

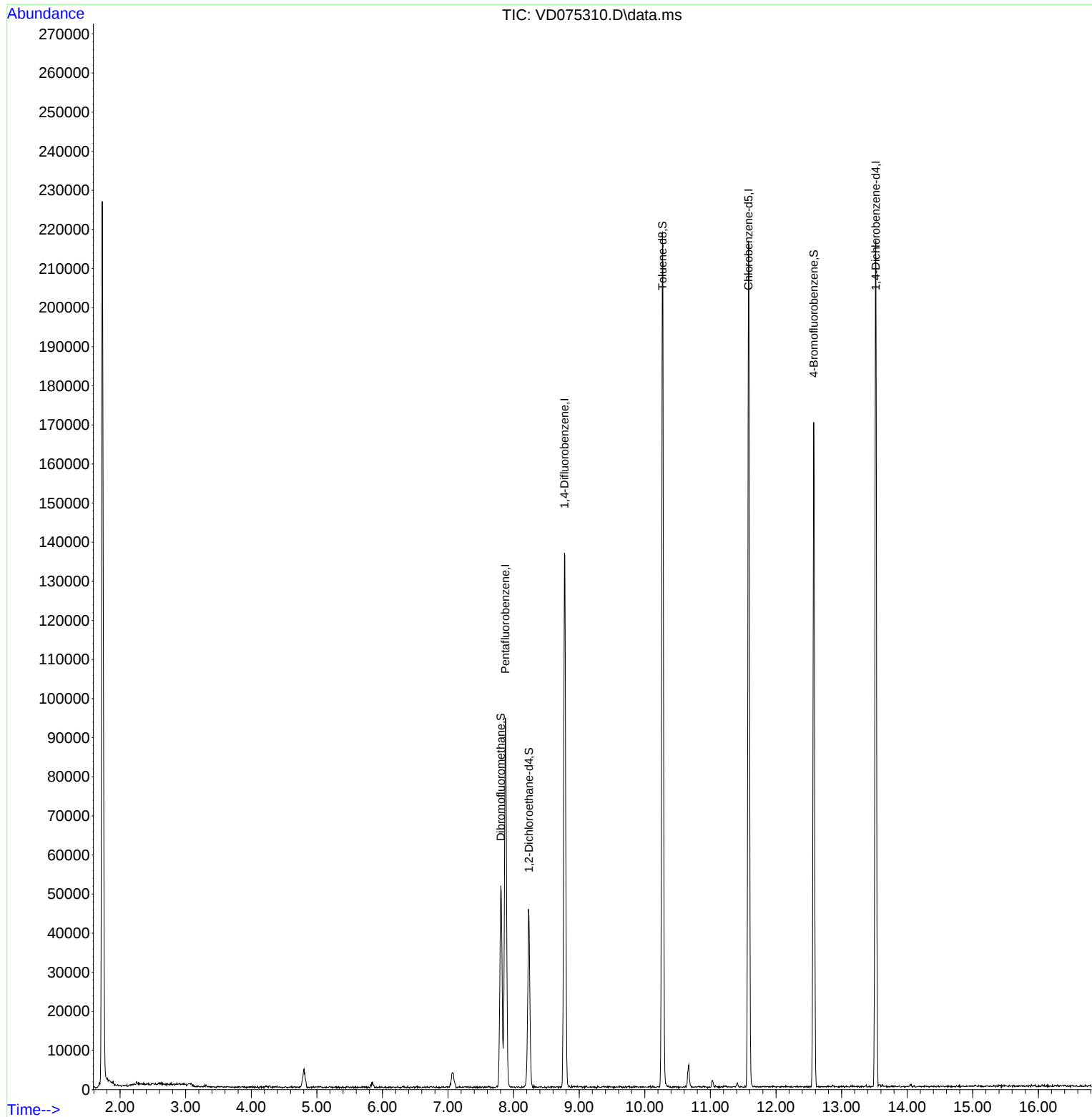
Target Compounds	Qvalue

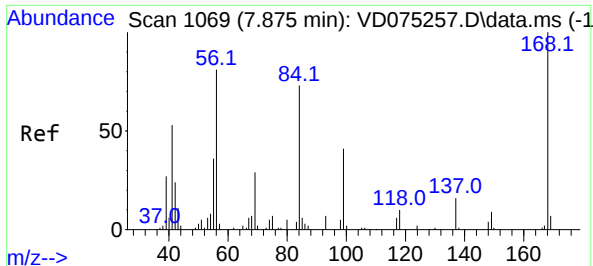
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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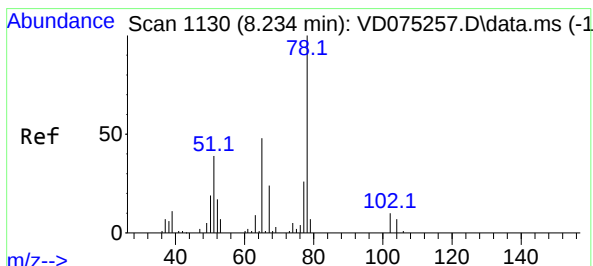
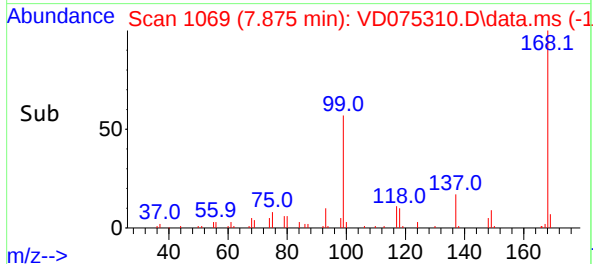
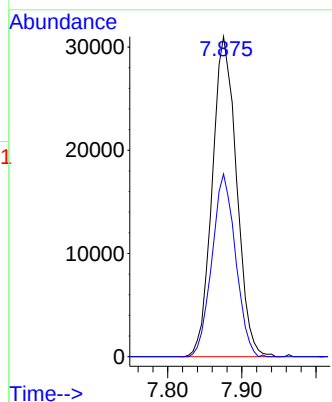
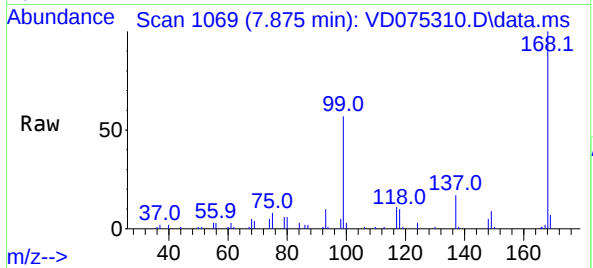




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075310.D
Acq: 10 Feb 2023 15:06

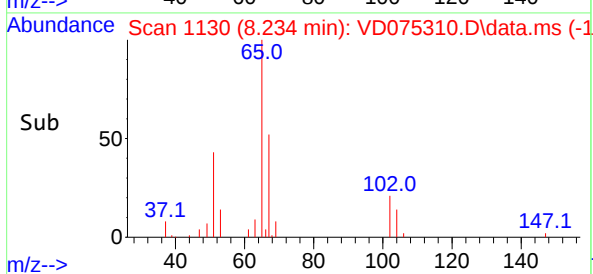
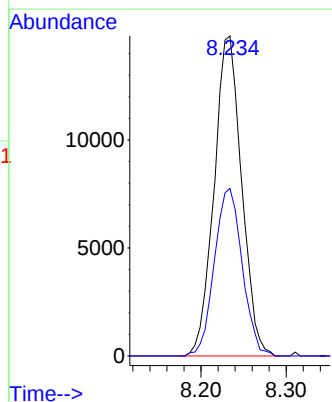
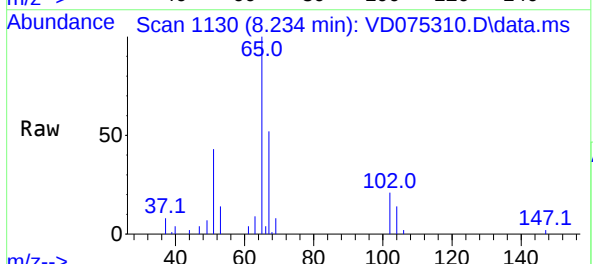
Instrument :
MSVOA_D
ClientSampleId :
PA-2

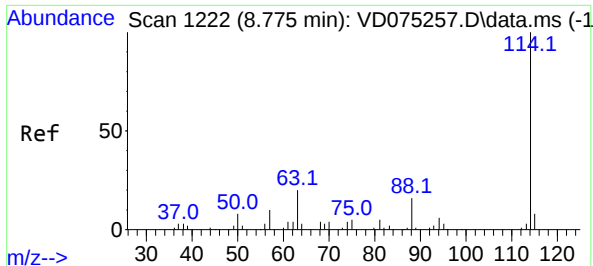
Tgt Ion:168 Resp: 70576
Ion Ratio Lower Upper
168 100
99 57.1 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 40.231 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD075310.D
Acq: 10 Feb 2023 15:06

Tgt Ion: 65 Resp: 33294
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.2



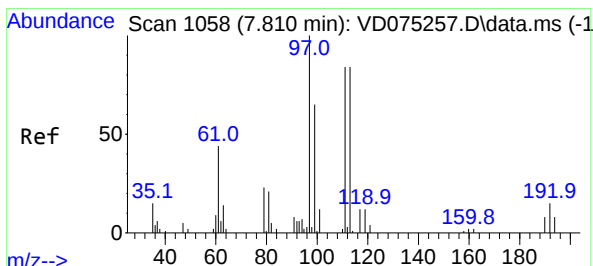
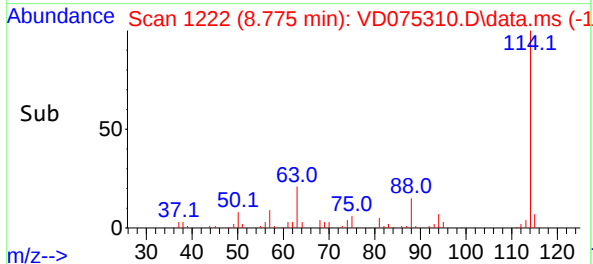
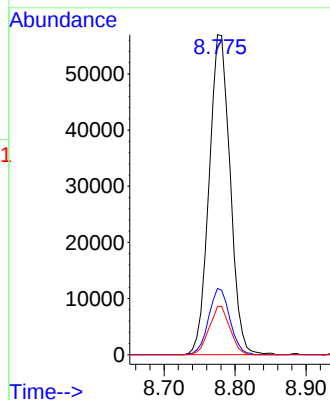
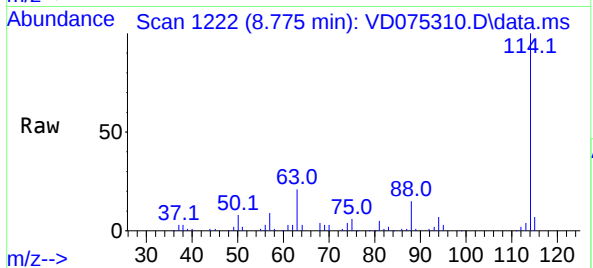


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 117117
Delta R.T. 0.000 min
Lab File: VD075310.D
Acq: 10 Feb 2023 15:06

Instrument :
MSVOA_D
ClientSampleId :
PA-2

Tgt Ion:114 Resp: 117117

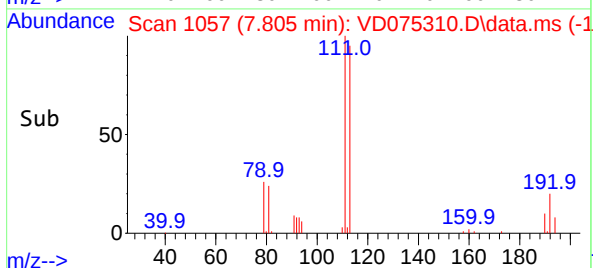
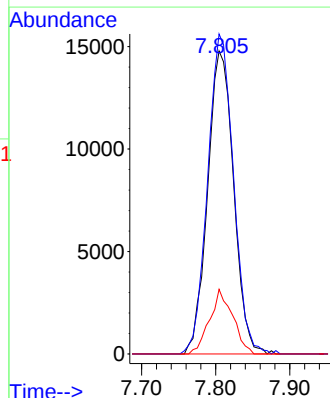
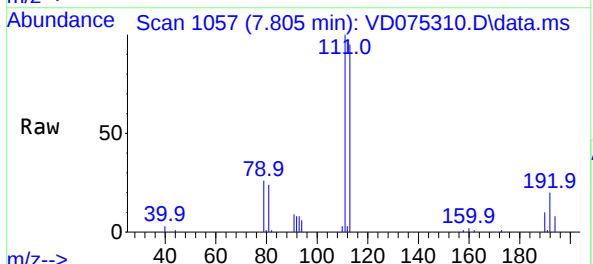
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.2
88	15.0	0.0	32.2

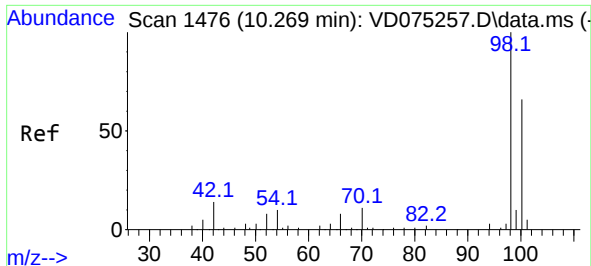


#35
Dibromofluoromethane
Concen: 43.916 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.005 min
Lab File: VD075310.D
Acq: 10 Feb 2023 15:06

Tgt Ion:113 Resp: 36065

Ion	Ratio	Lower	Upper
113	100		
111	105.0	80.1	120.1
192	18.9	15.4	23.0

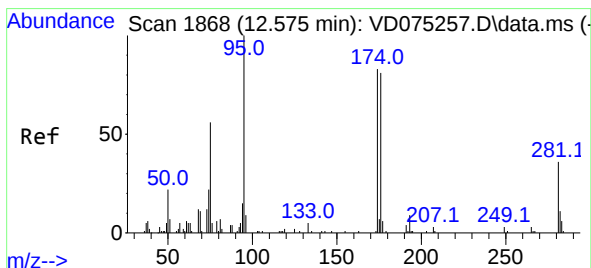
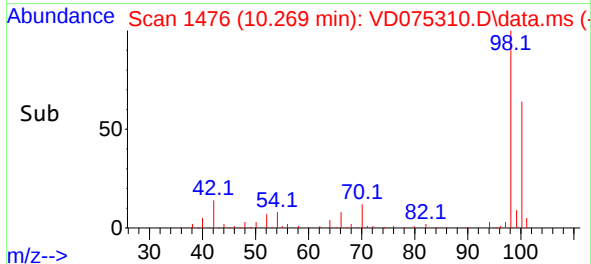
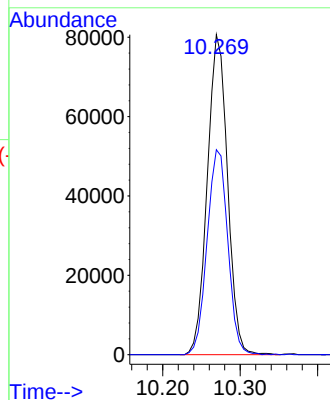
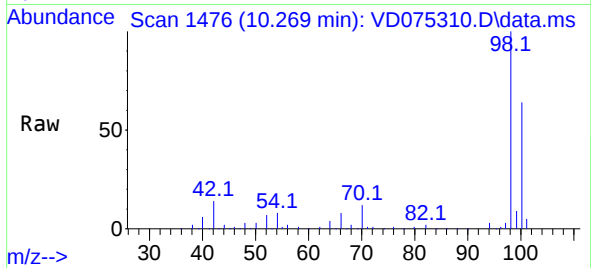




#50
Toluene-d8
Concen: 46.888 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075310.D
Acq: 10 Feb 2023 15:06

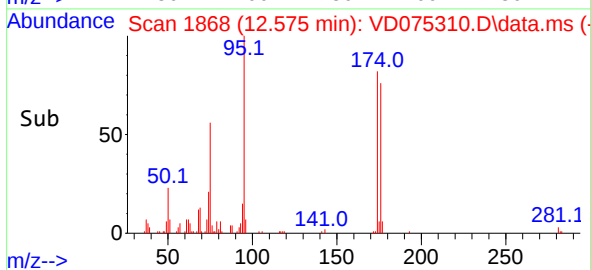
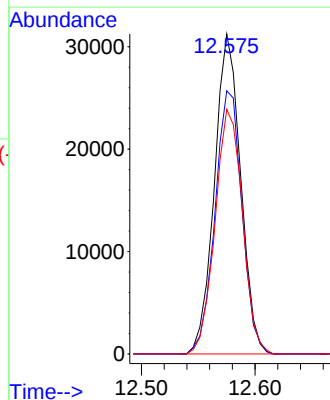
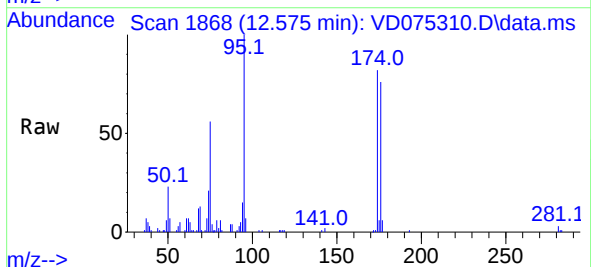
Instrument :
MSVOA_D
ClientSampleId :
PA-2

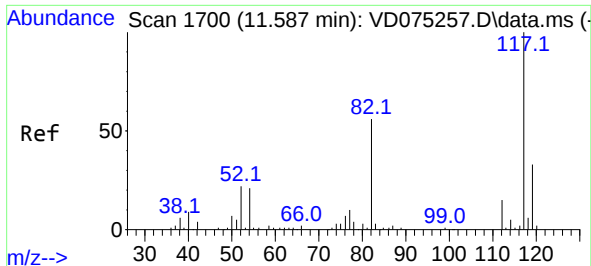
Tgt Ion: 98 Resp: 146027
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 48.650 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075310.D
Acq: 10 Feb 2023 15:06

Tgt Ion: 95 Resp: 49960
Ion Ratio Lower Upper
95 100
174 84.7 0.0 161.2
176 79.8 0.0 160.2

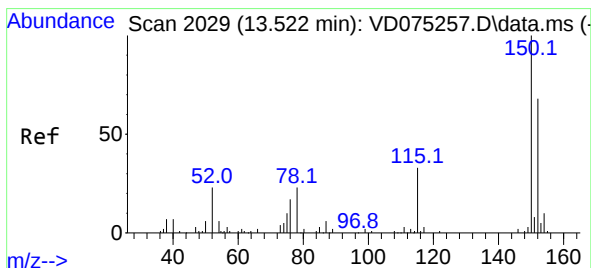
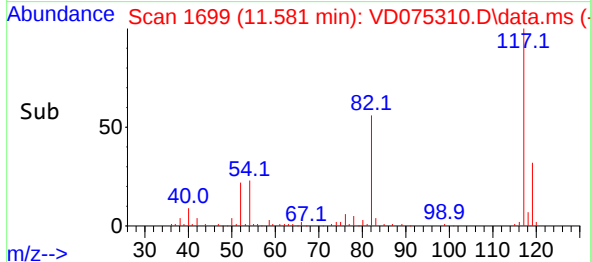
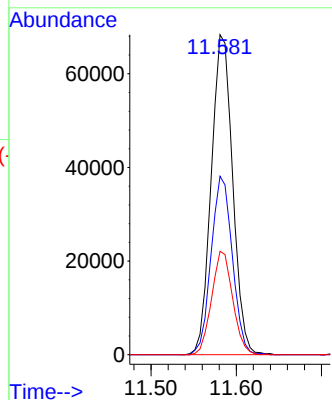
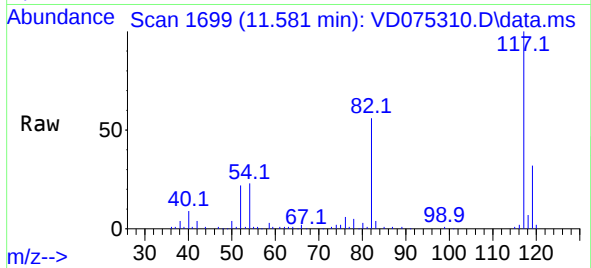




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075310.D
Acq: 10 Feb 2023 15:06

Instrument :
MSVOA_D
ClientSampleId :
PA-2

Tgt Ion:117 Resp: 119340
Ion Ratio Lower Upper
117 100
82 55.7 39.6 59.4
119 32.3 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075310.D
Acq: 10 Feb 2023 15:06

Tgt Ion:152 Resp: 55791
Ion Ratio Lower Upper
152 100
115 59.6 28.8 86.4
150 158.9 0.0 348.6

