

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051823\
 Data File : VD076141.D
 Acq On : 18 May 2023 15:31
 Operator : KP/SY
 Sample : 02816-05
 Misc : 6.53G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CB-22-K2-SO-24-051623

Quant Time: May 19 01:53:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	123538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	222418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	220111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	95942	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	89037	74.573	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	149.140%
35) Dibromofluoromethane	7.804	113	100692	65.495	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	131.000%
50) Toluene-d8	10.269	98	314060	52.403	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.800%
62) 4-Bromofluorobenzene	12.575	95	93148	55.951	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.900%

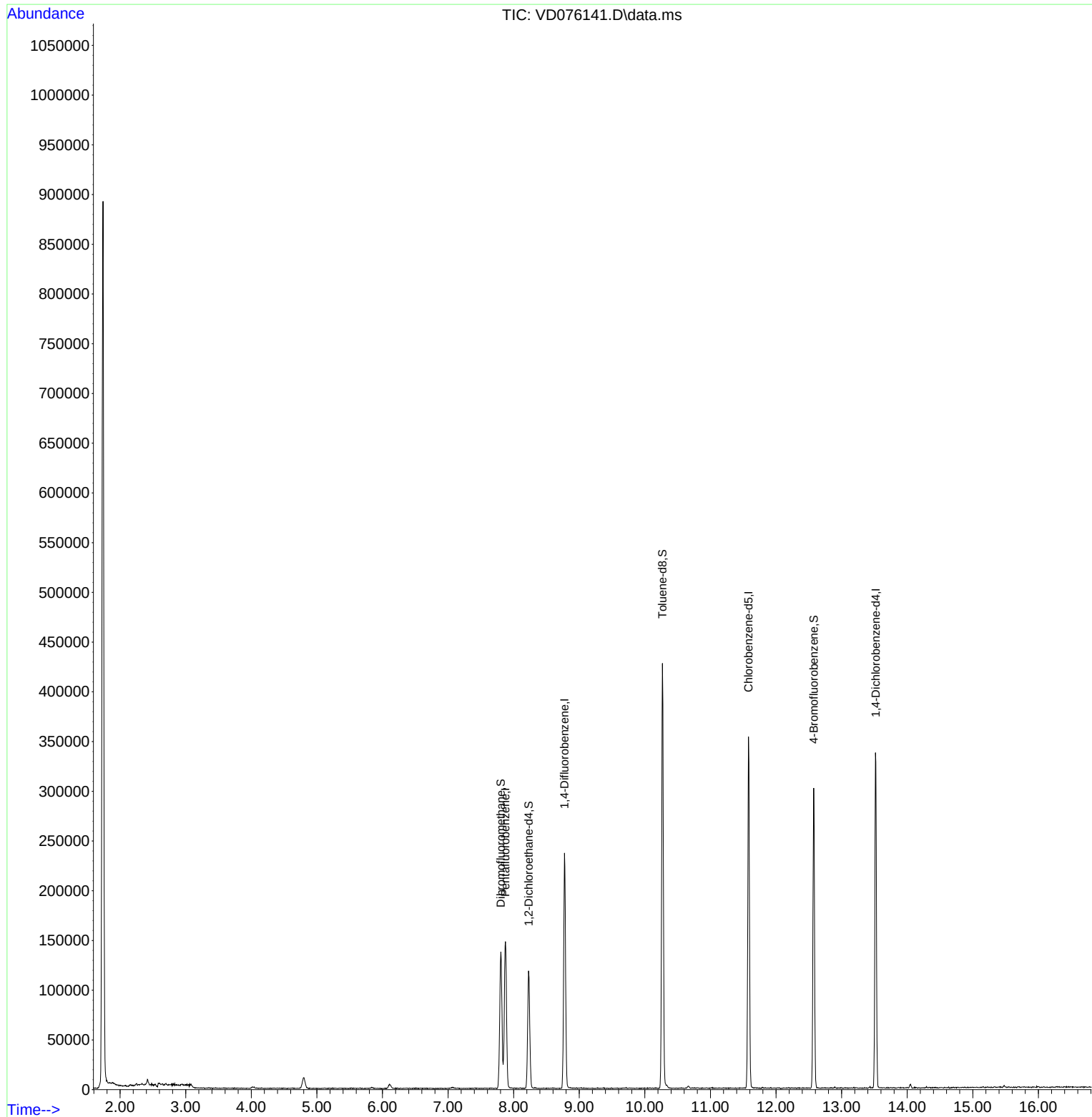
Target Compounds	Qvalue

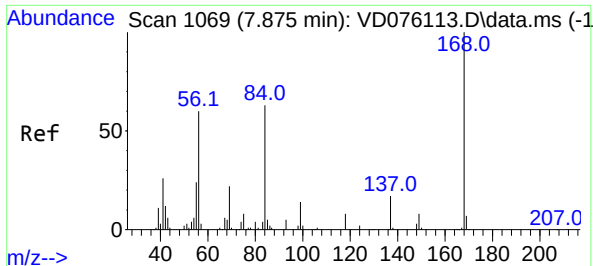
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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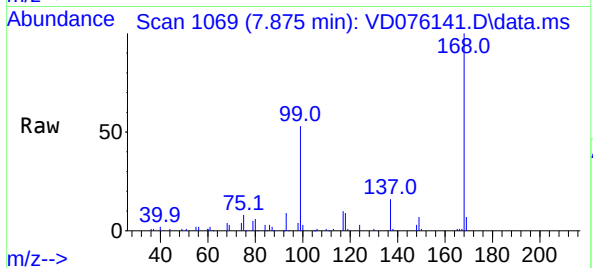
Quant Time: May 19 01:53:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
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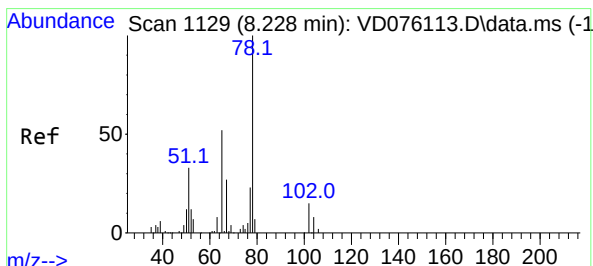
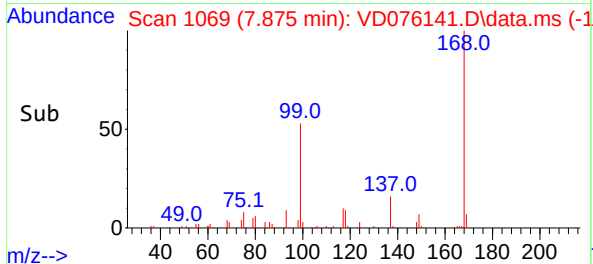
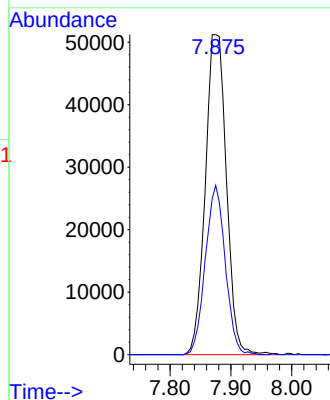


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076141.D
Acq: 18 May 2023 15:31

Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-24-051623

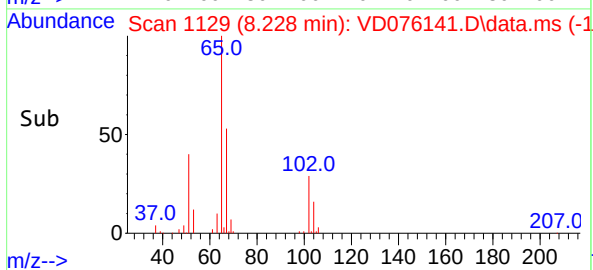
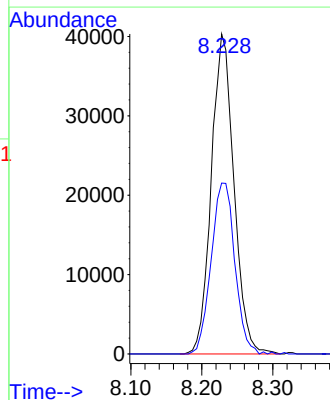
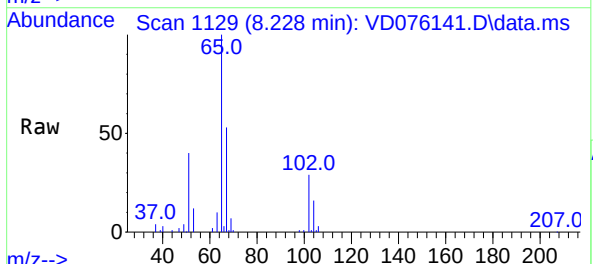


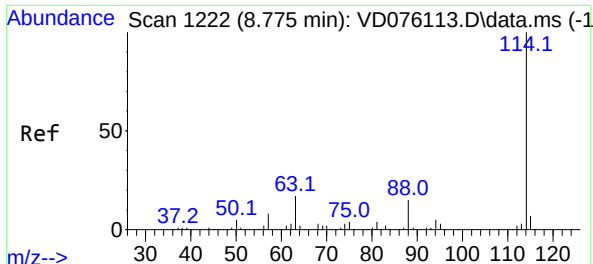
Tgt Ion:168 Resp: 123538
Ion Ratio Lower Upper
168 100
99 52.9 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 74.573 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076141.D
Acq: 18 May 2023 15:31

Tgt Ion: 65 Resp: 89037
Ion Ratio Lower Upper
65 100
67 56.0 0.0 102.2

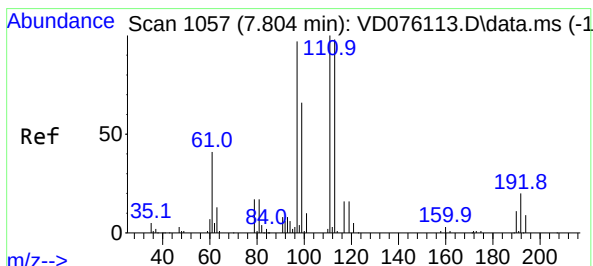
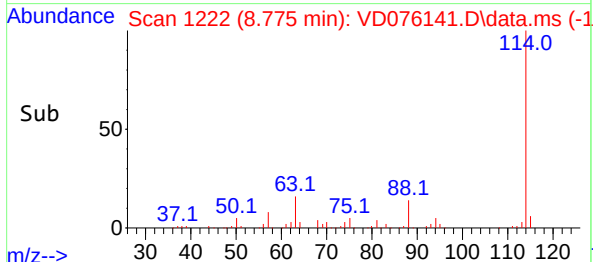
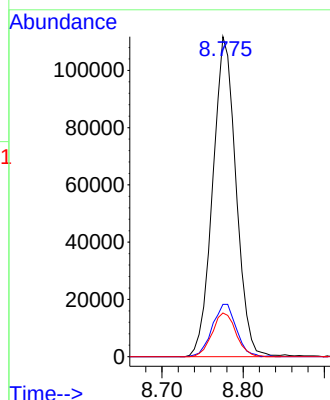
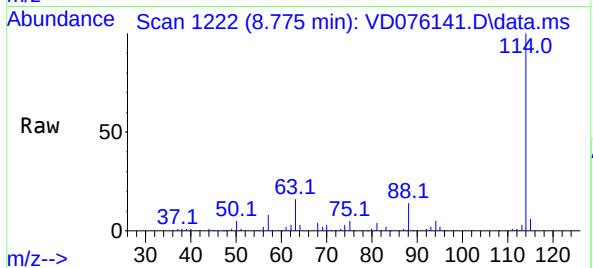




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076141.D
Acq: 18 May 2023 15:31

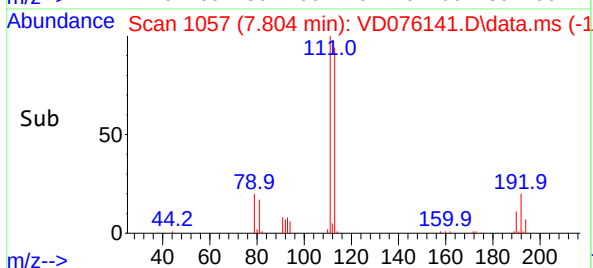
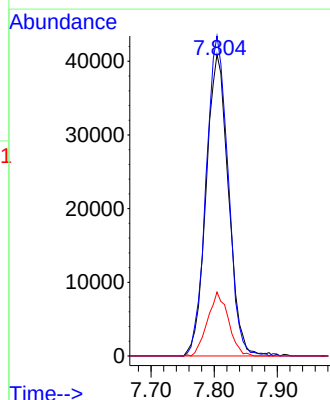
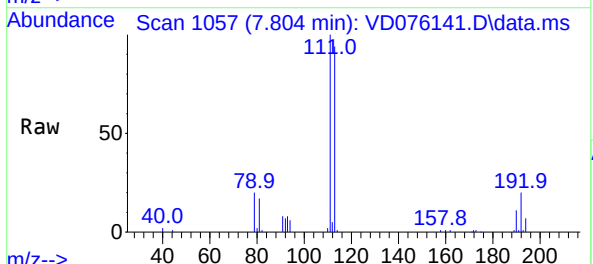
Instrument :
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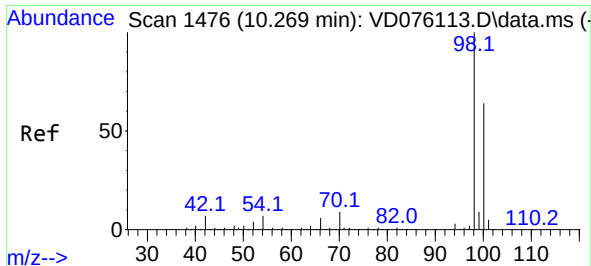
Tgt Ion:114 Resp: 222418
Ion Ratio Lower Upper
114 100
63 16.3 0.0 41.6
88 13.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 65.495 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076141.D
Acq: 18 May 2023 15:31

Tgt Ion:113 Resp: 100692
Ion Ratio Lower Upper
113 100
111 104.1 81.4 122.0
192 19.8 15.2 22.8

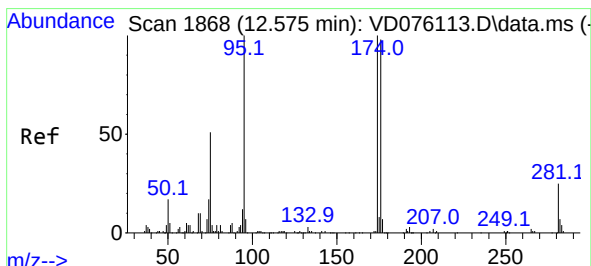
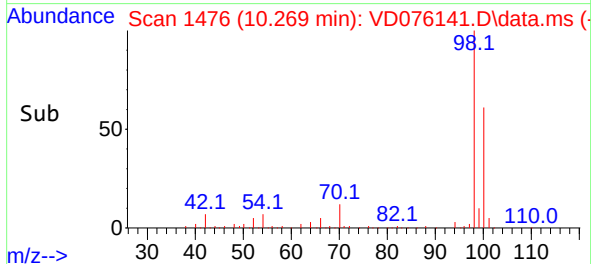
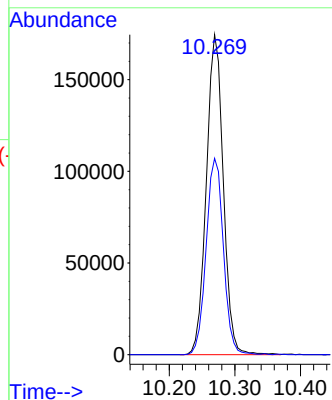
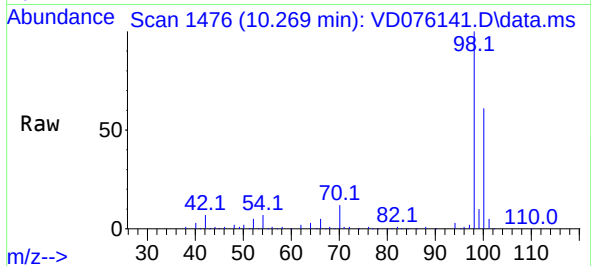




#50
Toluene-d8
Concen: 52.403 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076141.D
Acq: 18 May 2023 15:31

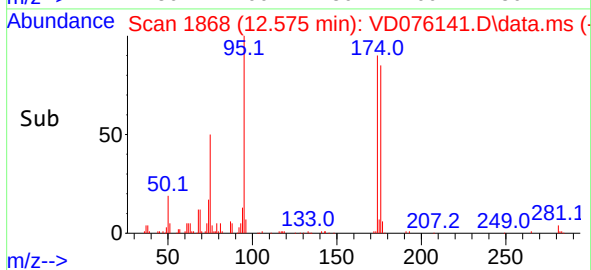
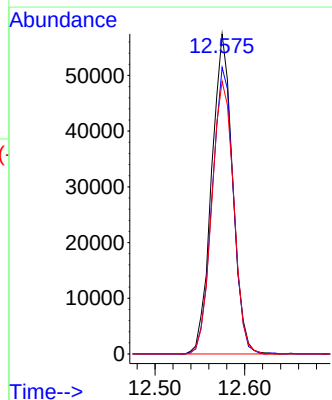
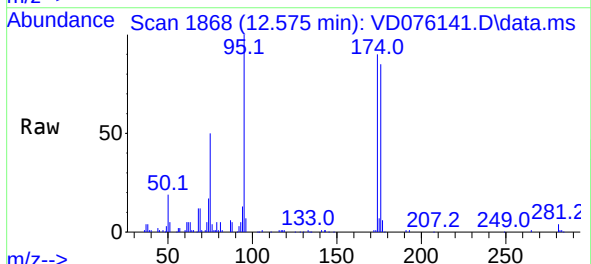
Instrument :
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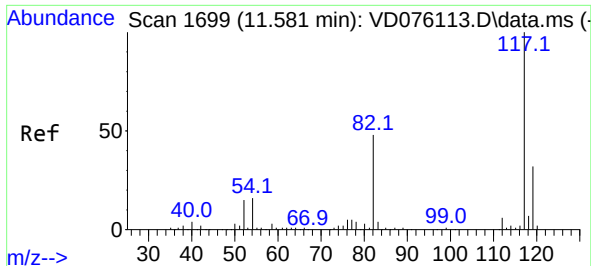
Tgt Ion: 98 Resp: 314060
Ion Ratio Lower Upper
98 100
100 62.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 55.951 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076141.D
Acq: 18 May 2023 15:31

Tgt Ion: 95 Resp: 93148
Ion Ratio Lower Upper
95 100
174 90.5 0.0 164.0
176 88.8 0.0 156.8

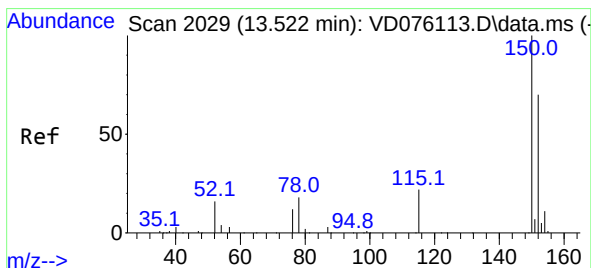
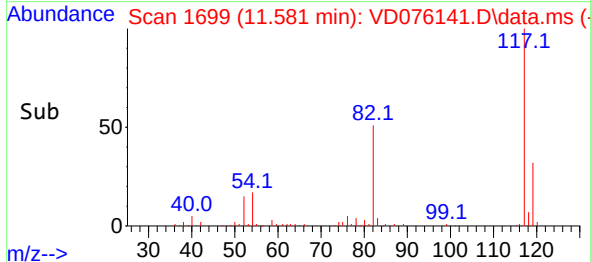
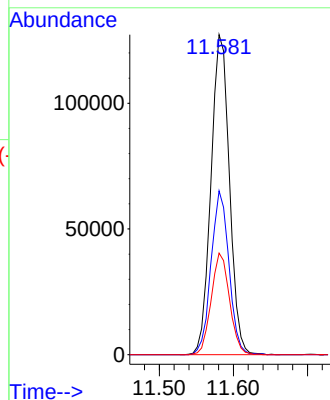
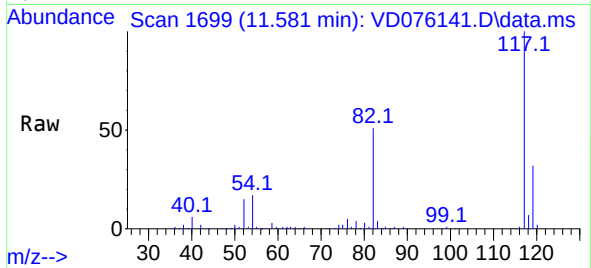




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076141.D
Acq: 18 May 2023 15:31

Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-24-051623

Tgt Ion:117 Resp: 220111
Ion Ratio Lower Upper
117 100
82 51.2 44.0 66.0
119 31.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076141.D
Acq: 18 May 2023 15:31

Tgt Ion:152 Resp: 95942
Ion Ratio Lower Upper
152 100
115 53.7 30.1 90.3
150 160.7 0.0 364.8

