

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051723\
 Data File : VD076126.D
 Acq On : 17 May 2023 16:45
 Operator : KP/SY
 Sample : 02813-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

Quant Time: May 18 05:22:09 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	170328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	330338	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	315259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	118218	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	110788	67.300	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.600%
35) Dibromofluoromethane	7.805	113	143492	62.843	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	125.680%
50) Toluene-d8	10.269	98	435778	48.958	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.920%
62) 4-Bromofluorobenzene	12.575	95	124429	50.323	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.640%

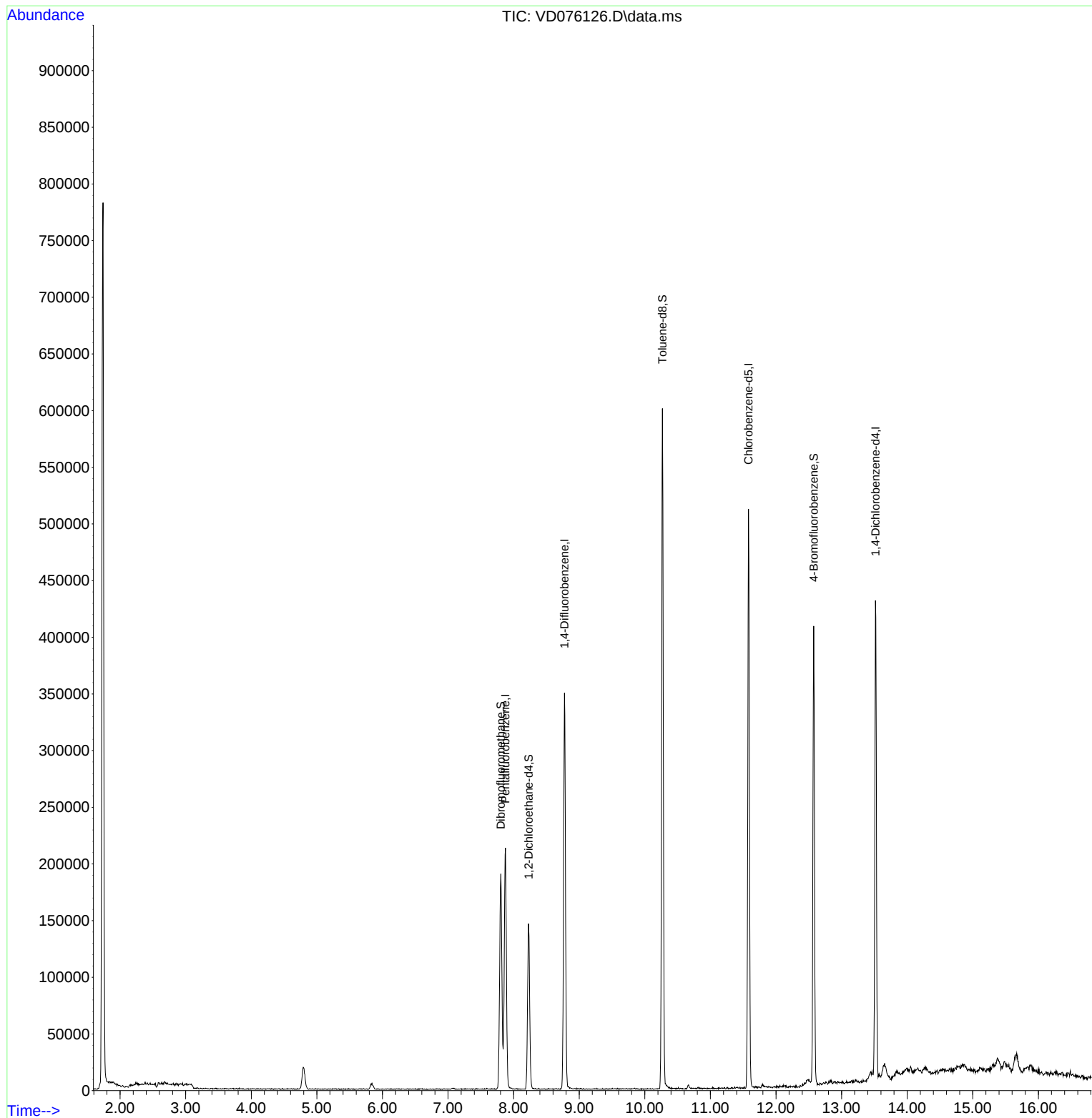
Target Compounds	Qvalue

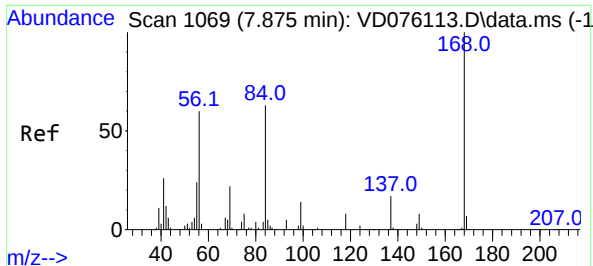
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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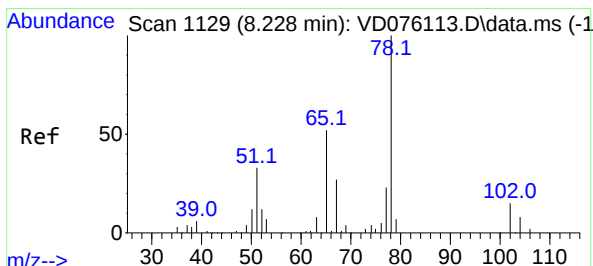
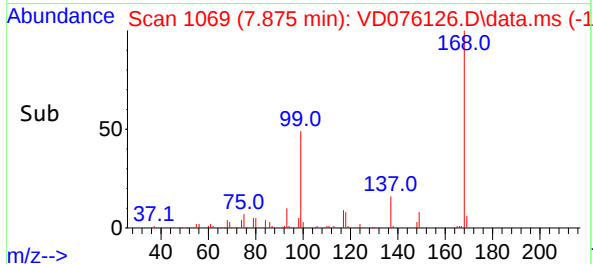
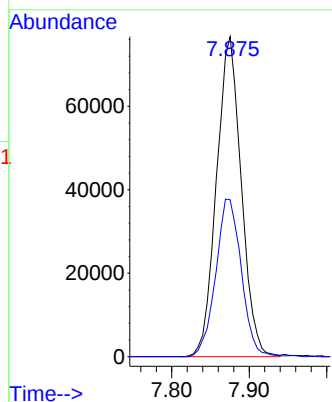
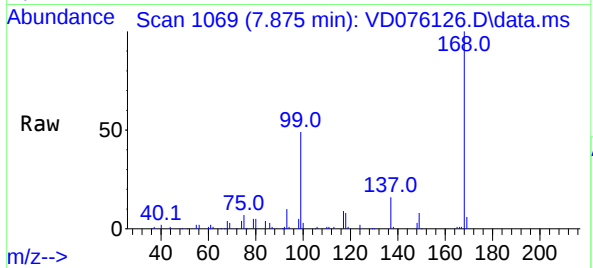




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076126.D
Acq: 17 May 2023 16:45

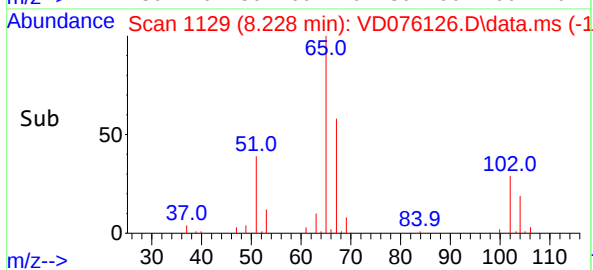
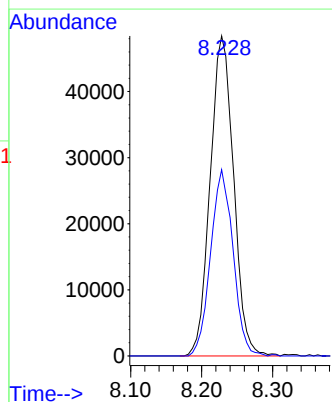
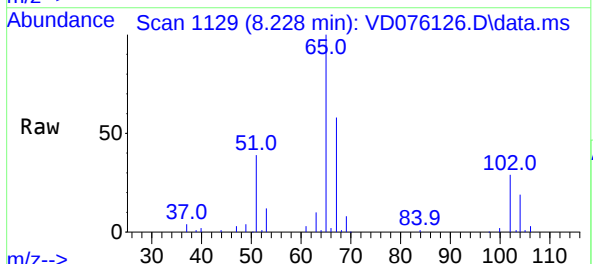
Instrument :
MSVOA_D
ClientSampleId :
WC-1

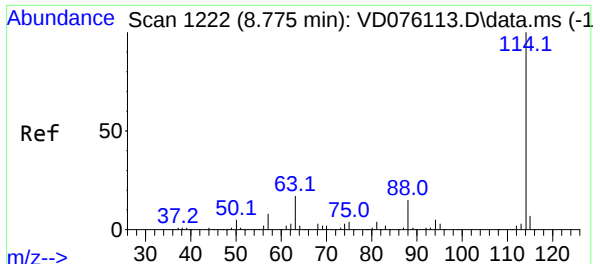
Tgt Ion:168 Resp: 170328
Ion Ratio Lower Upper
168 100
99 49.1 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 67.300 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076126.D
Acq: 17 May 2023 16:45

Tgt Ion: 65 Resp: 110788
Ion Ratio Lower Upper
65 100
67 55.8 0.0 102.2



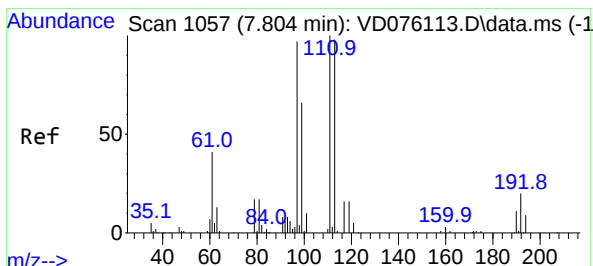
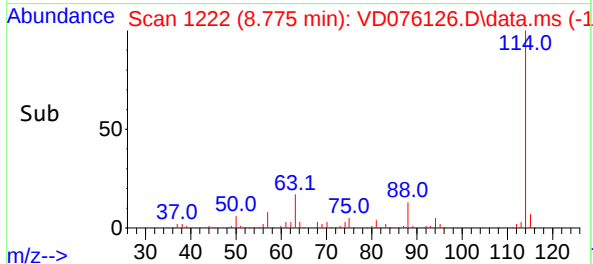
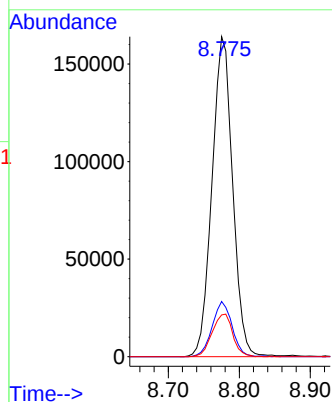
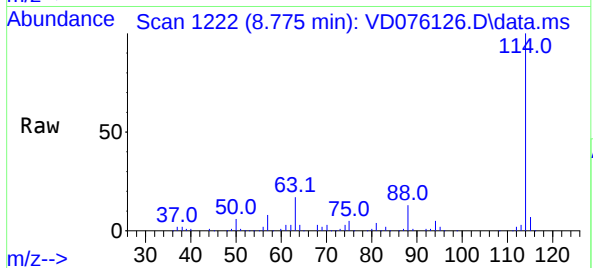


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076126.D
Acq: 17 May 2023 16:45

Instrument :
MSVOA_D
ClientSampleId :
WC-1

Tgt Ion:114 Resp: 330338

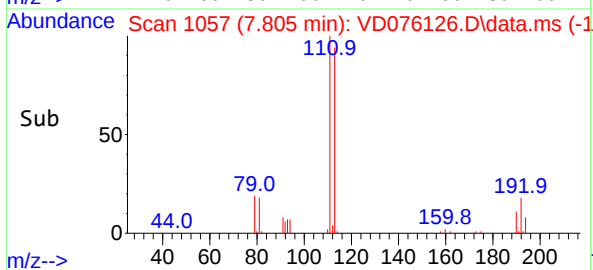
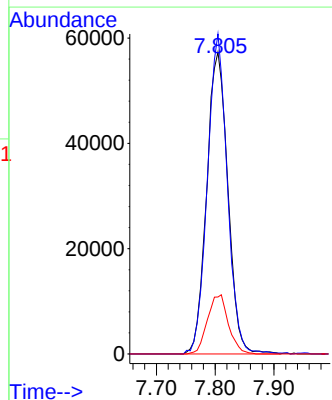
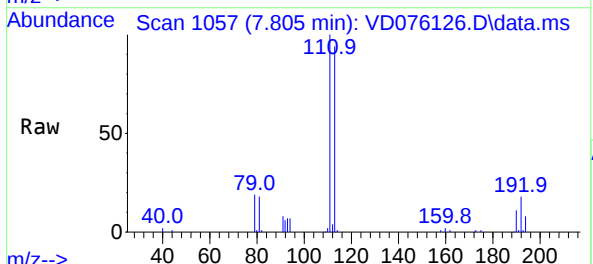
Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	41.6
88	13.0	0.0	30.6

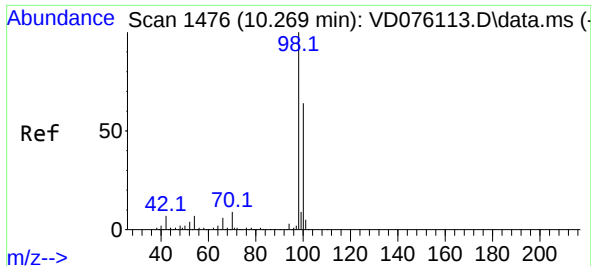


#35
Dibromofluoromethane
Concen: 62.843 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076126.D
Acq: 17 May 2023 16:45

Tgt Ion:113 Resp: 143492

Ion	Ratio	Lower	Upper
113	100		
111	100.0	81.4	122.0
192	19.4	15.2	22.8

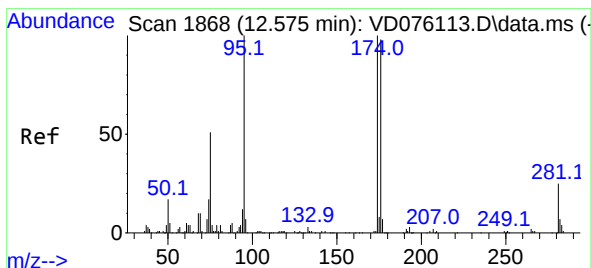
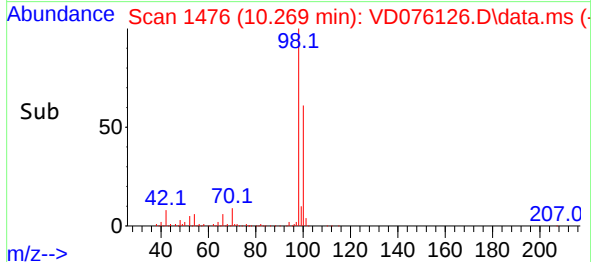
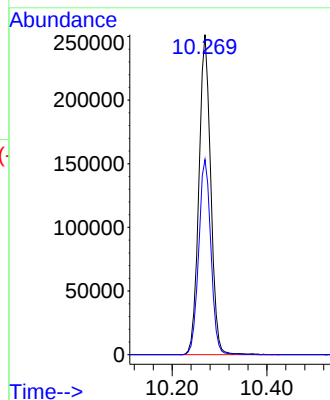
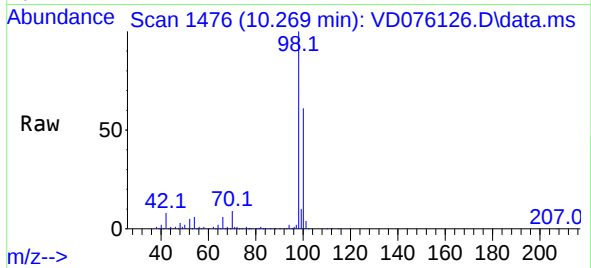




#50
Toluene-d8
Concen: 48.958 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076126.D
Acq: 17 May 2023 16:45

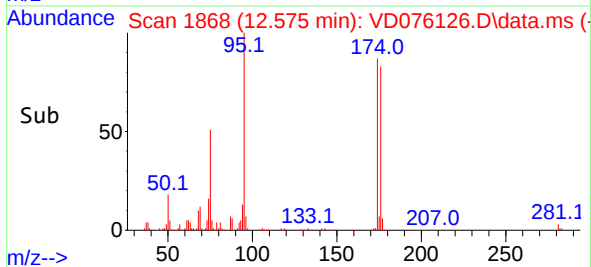
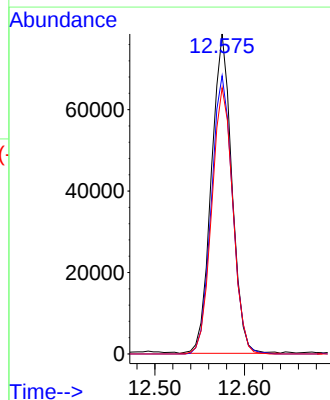
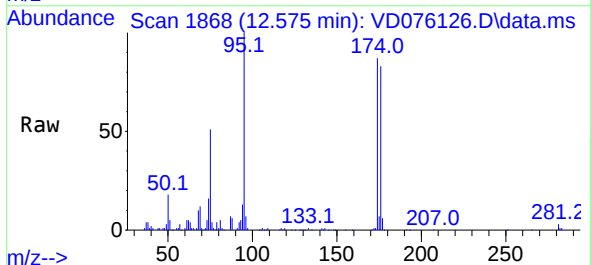
Instrument :
MSVOA_D
ClientSampleId :
WC-1

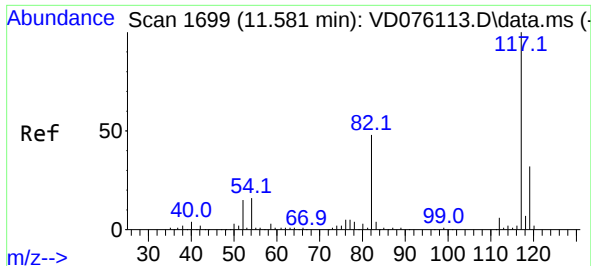
Tgt Ion: 98 Resp: 435778
Ion Ratio Lower Upper
98 100
100 62.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 50.323 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076126.D
Acq: 17 May 2023 16:45

Tgt Ion: 95 Resp: 124429
Ion Ratio Lower Upper
95 100
174 89.8 0.0 164.0
176 85.9 0.0 156.8

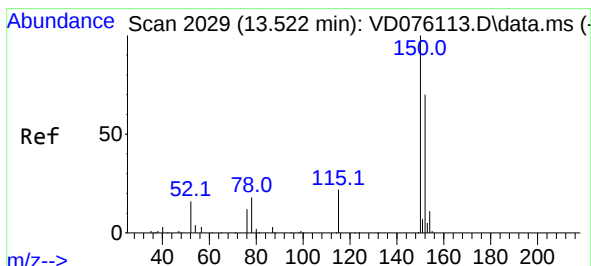
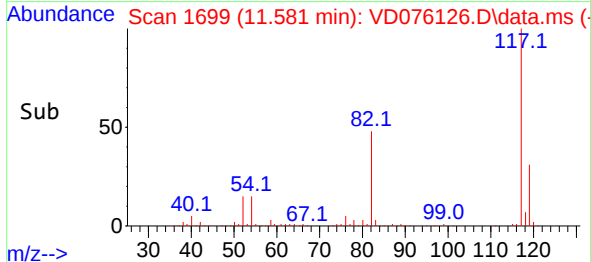
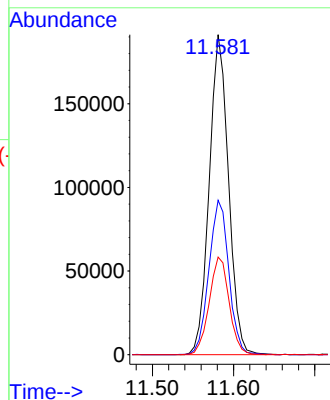
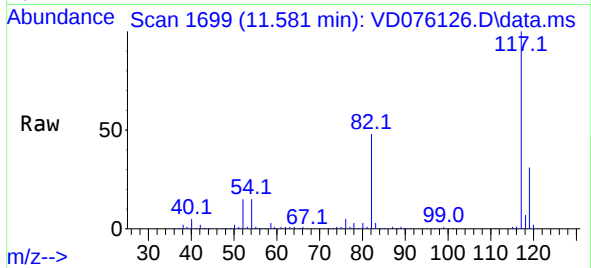




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076126.D
Acq: 17 May 2023 16:45

Instrument :
MSVOA_D
ClientSampleId :
WC-1

Tgt Ion:117 Resp: 315259
Ion Ratio Lower Upper
117 100
82 48.2 44.0 66.0
119 30.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076126.D
Acq: 17 May 2023 16:45

Tgt Ion:152 Resp: 118218
Ion Ratio Lower Upper
152 100
115 54.4 30.1 90.3
150 158.7 0.0 364.8

