

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051823\
 Data File : VD076142.D
 Acq On : 18 May 2023 16:01
 Operator : KP/SY
 Sample : 02816-06
 Misc : 6.49G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CB-22-K2-SO-30-051623

Quant Time: May 19 01:53:52 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	146446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	272497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	266638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	145266	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	97117	68.616	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.240%
35) Dibromofluoromethane	7.805	113	117155	62.199	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	124.400%
50) Toluene-d8	10.269	98	373291	50.839	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.680%
62) 4-Bromofluorobenzene	12.575	95	106271	52.102	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.200%

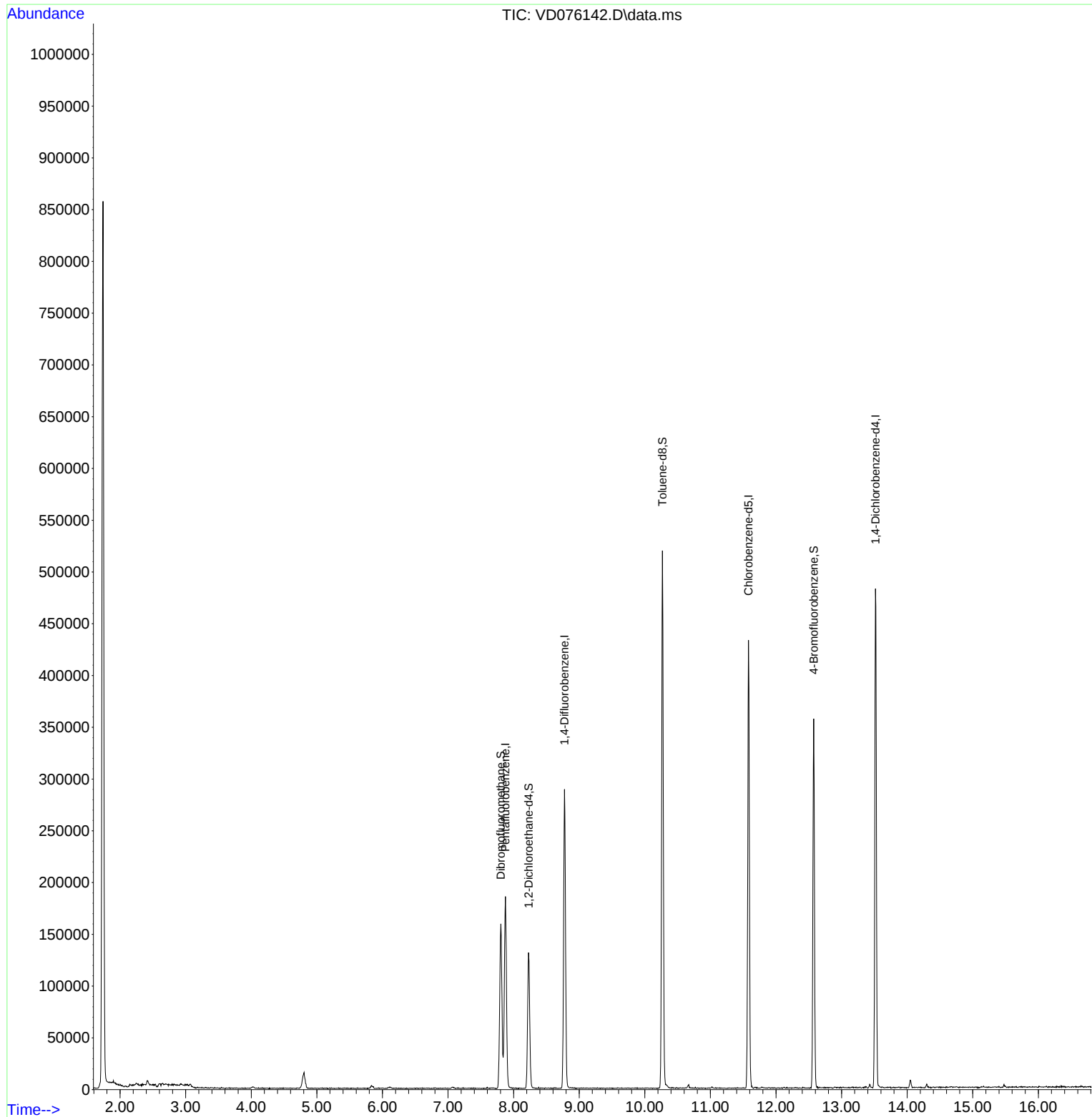
Target Compounds	Qvalue

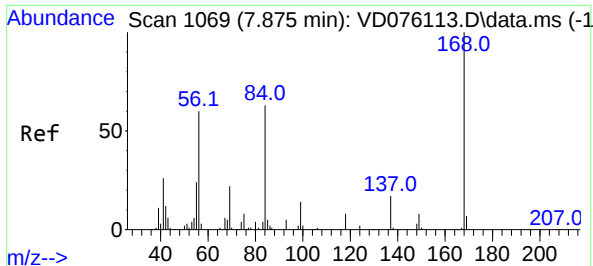
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

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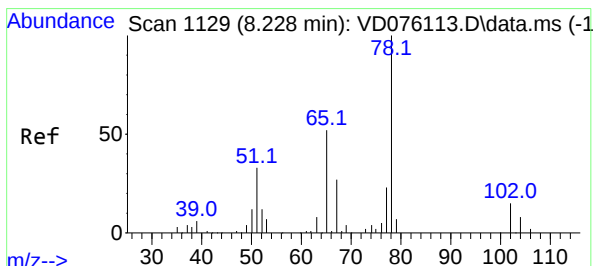
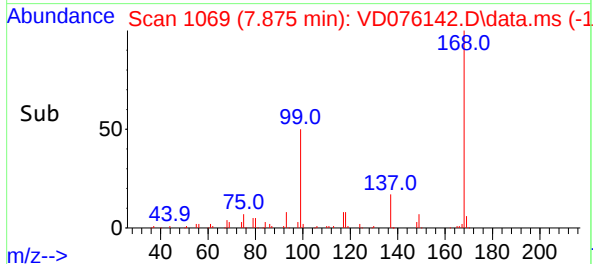
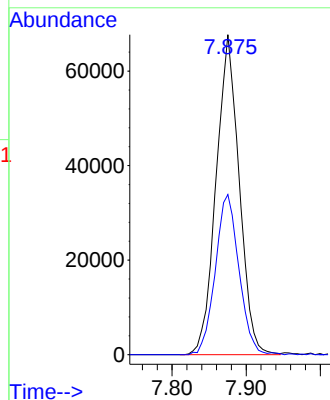
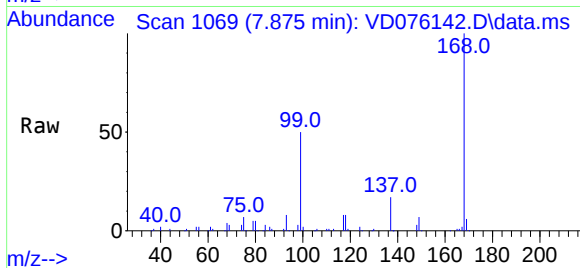
CB-22-K2-SO-30-051623

Tgt Ion:168 Resp: 146446

Ion Ratio Lower Upper

168 100

99 50.1 43.8 65.6



1,2-Dichloroethane-d4

Concen: 68.616 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076142.D

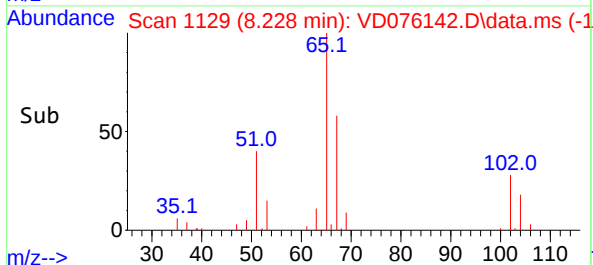
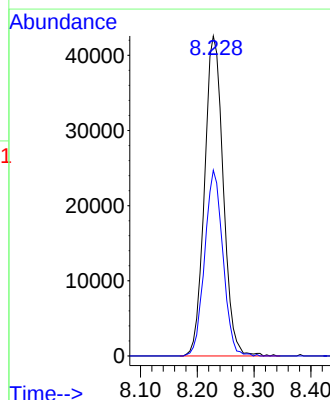
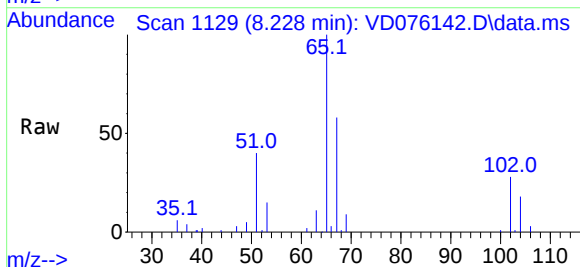
Acq: 18 May 2023 16:01

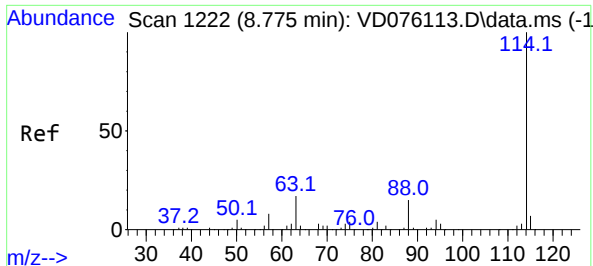
Tgt Ion: 65 Resp: 97117

Ion Ratio Lower Upper

65 100

67 56.5 0.0 102.2

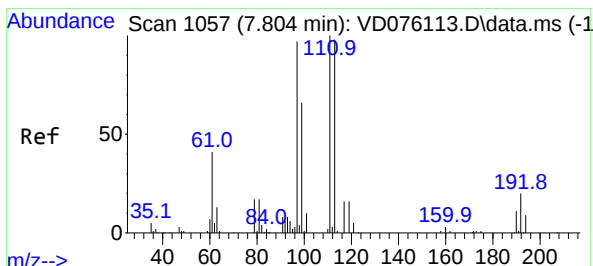
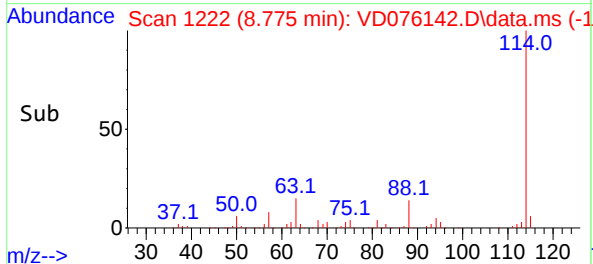
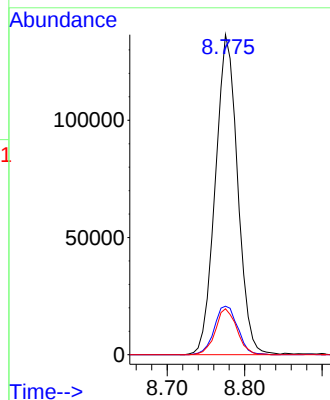
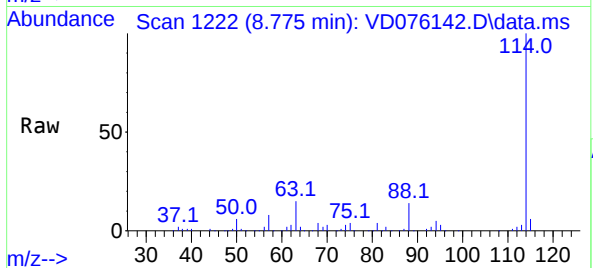




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076142.D
Acq: 18 May 2023 16:01

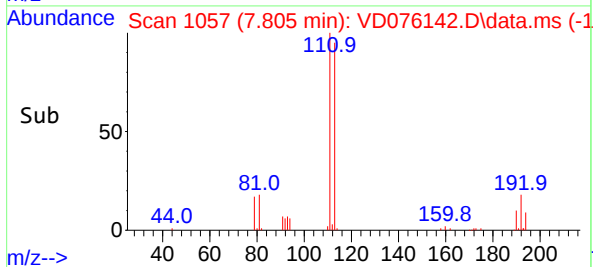
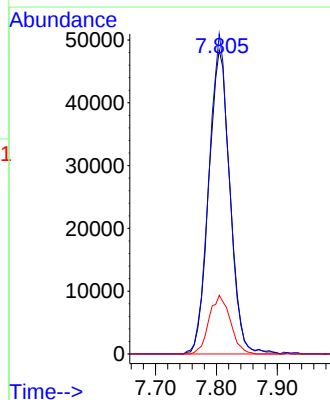
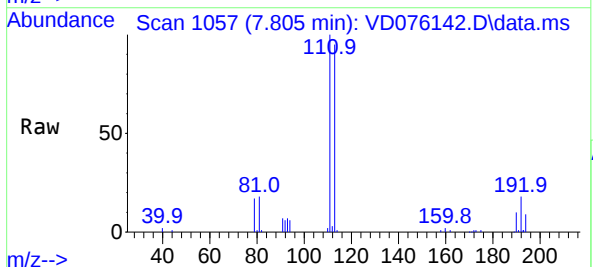
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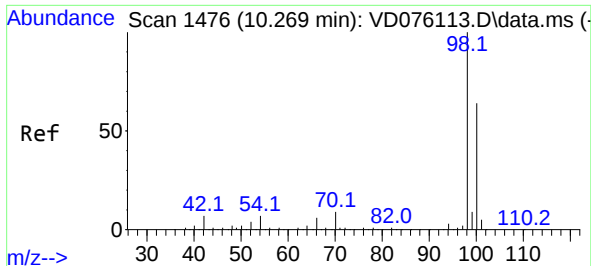
Tgt Ion:114	Resp:	272497	
Ion	Ratio	Lower	Upper
114	100		
63	15.2	0.0	41.6
88	14.4	0.0	30.6



#35
Dibromofluoromethane
Concen: 62.199 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076142.D
Acq: 18 May 2023 16:01

Tgt Ion:113	Resp:	117155	
Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.4	122.0
192	19.3	15.2	22.8

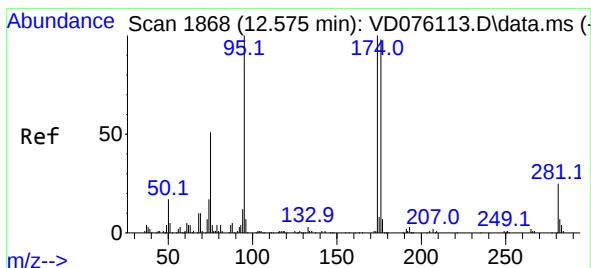
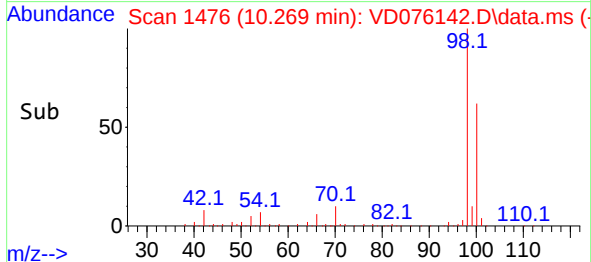
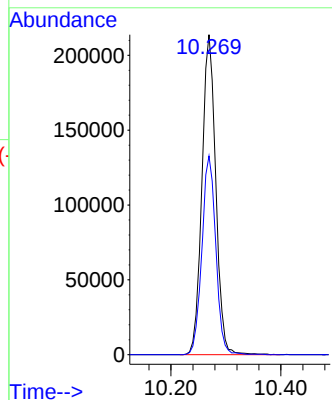
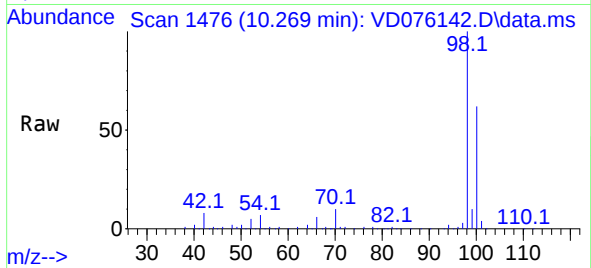




#50
Toluene-d8
Concen: 50.839 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076142.D
Acq: 18 May 2023 16:01

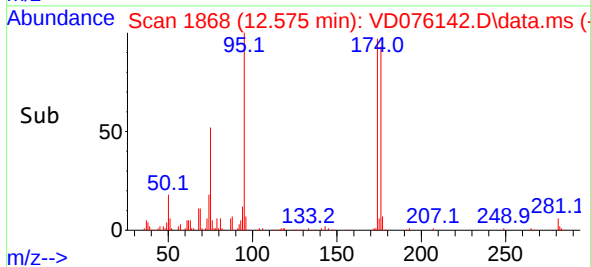
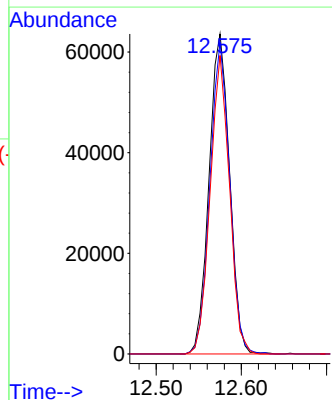
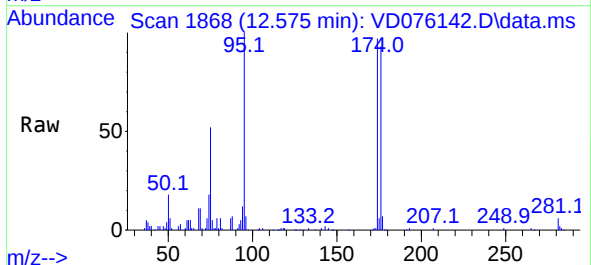
Instrument :
MSVOA_D
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CB-22-K2-SO-30-051623

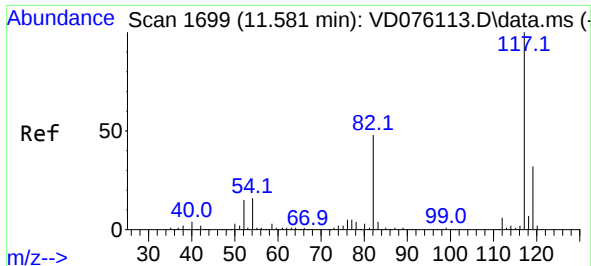
Tgt Ion: 98 Resp: 373291
Ion Ratio Lower Upper
98 100
100 62.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 52.102 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076142.D
Acq: 18 May 2023 16:01

Tgt Ion: 95 Resp: 106271
Ion Ratio Lower Upper
95 100
174 93.7 0.0 164.0
176 87.5 0.0 156.8

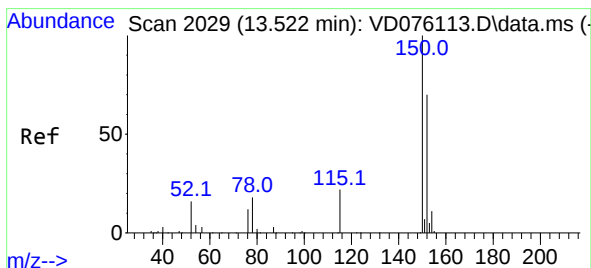
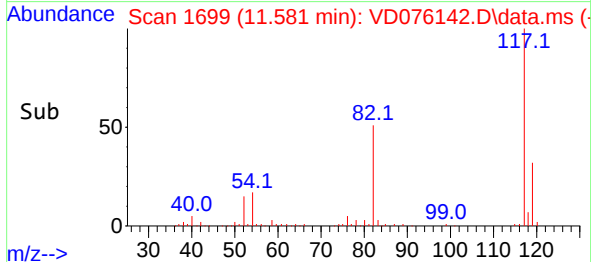
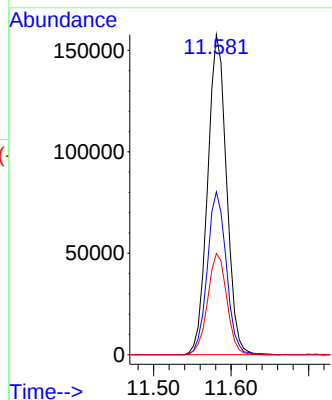
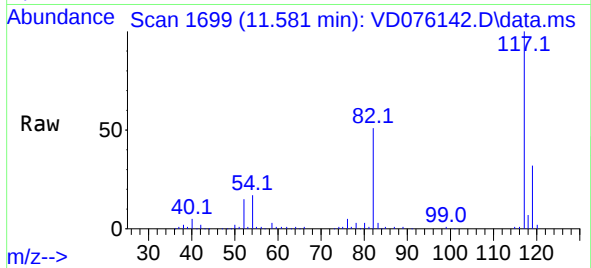




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076142.D
Acq: 18 May 2023 16:01

Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-30-051623

Tgt Ion:117 Resp: 266638
Ion Ratio Lower Upper
117 100
82 50.9 44.0 66.0
119 31.6 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: VD076142.D
Acq: 18 May 2023 16:01

Tgt Ion:152 Resp: 145266
Ion Ratio Lower Upper
152 100
115 52.0 30.1 90.3
150 157.4 0.0 364.8

