

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051823\
 Data File : VD076137.D
 Acq On : 18 May 2023 13:33
 Operator : KP/SY
 Sample : 02826-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-3-051723

Quant Time: May 19 01:52:54 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	131125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	262754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	197144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	62332	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	104532	82.485	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	164.960%#
35) Dibromofluoromethane	7.805	113	125824	69.279	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	138.560%
50) Toluene-d8	10.269	98	253094	35.748	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	71.500%
62) 4-Bromofluorobenzene	12.575	95	76210	38.750	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.500%

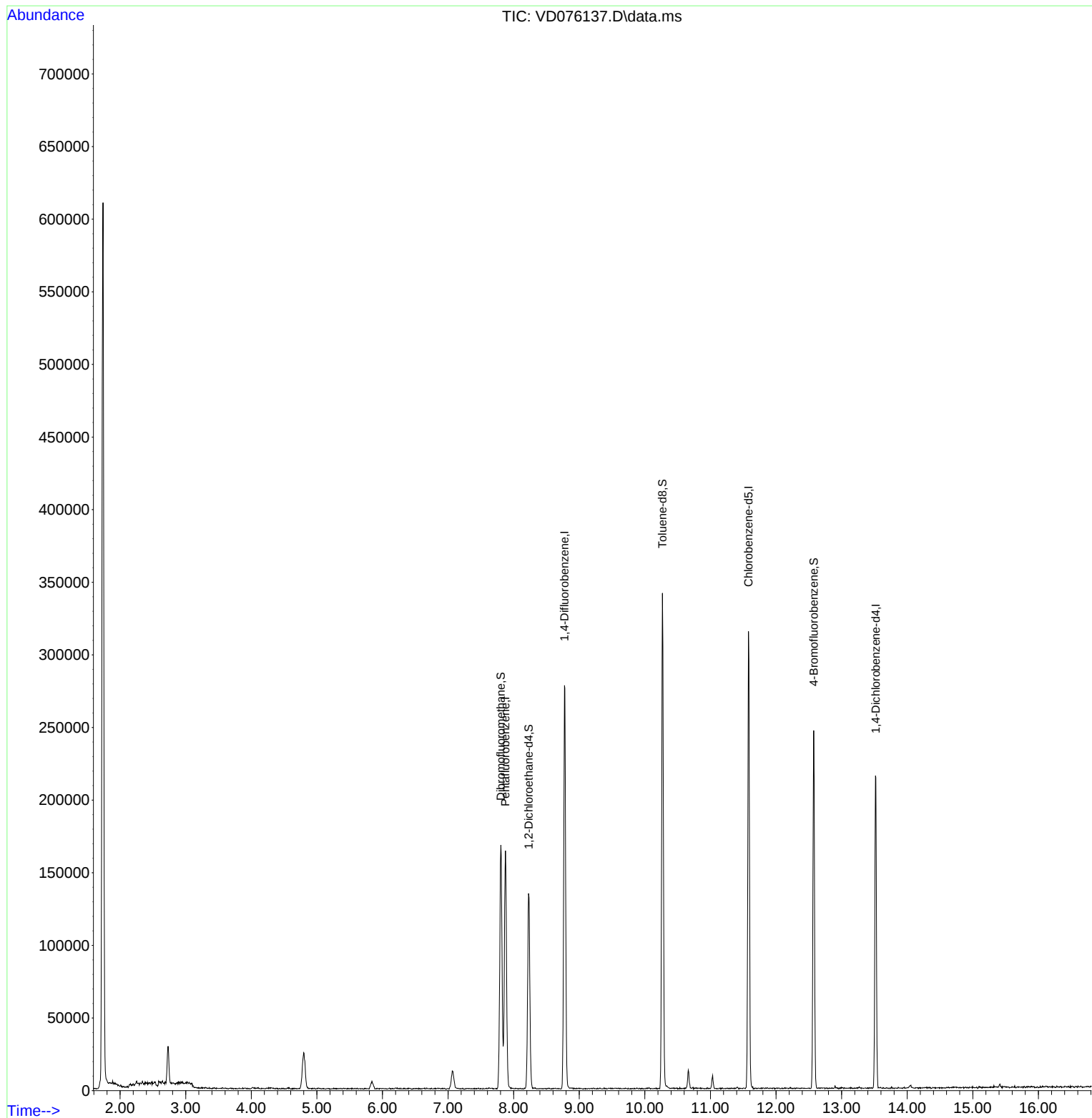
Target Compounds	Qvalue

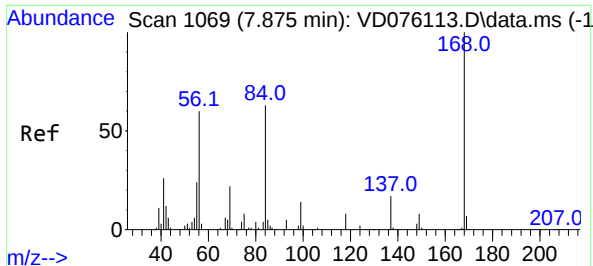
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076137.D

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Instrument :

MSVOA_D

ClientSampleId :

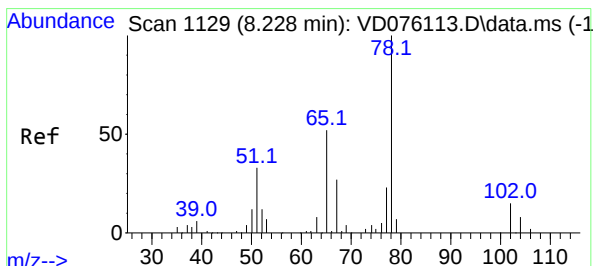
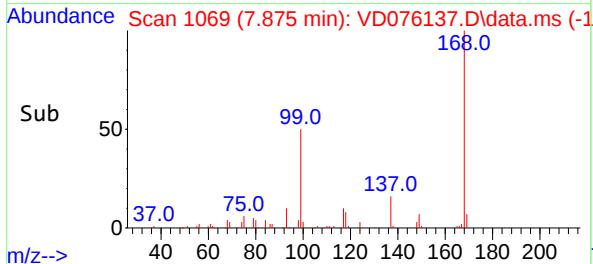
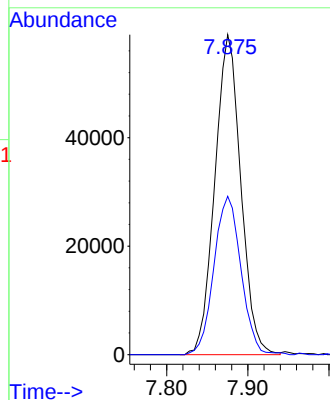
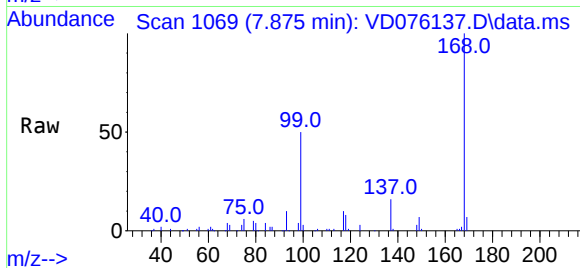
SU-3-051723

Tgt Ion:168 Resp: 131125

Ion Ratio Lower Upper

168 100

99 49.5 43.8 65.6



1,2-Dichloroethane-d4

Concen: 82.485 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076137.D

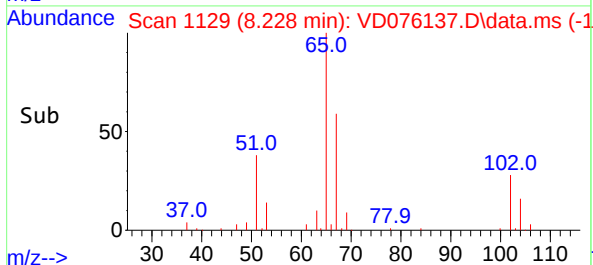
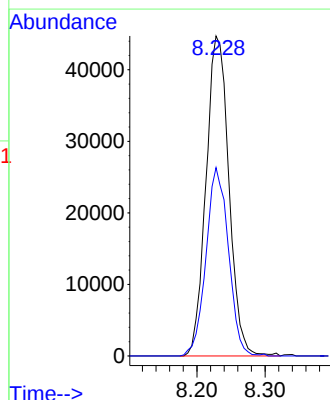
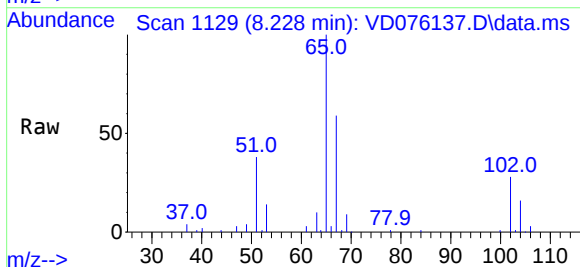
Acq: 18 May 2023 13:33

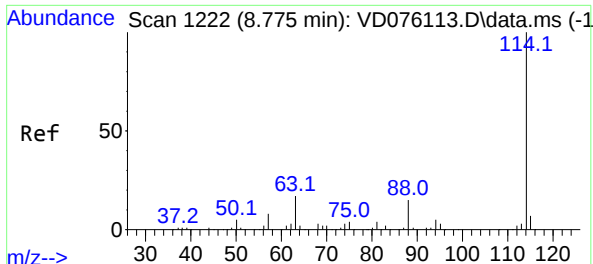
Tgt Ion: 65 Resp: 104532

Ion Ratio Lower Upper

65 100

67 57.6 0.0 102.2



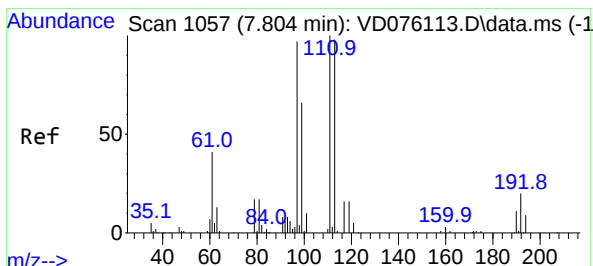
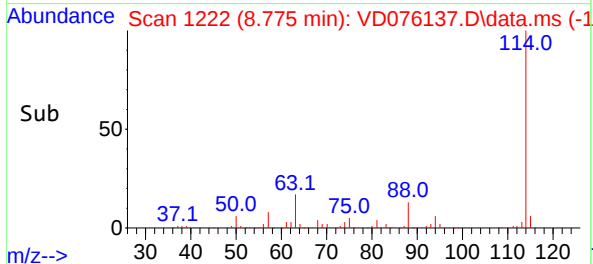
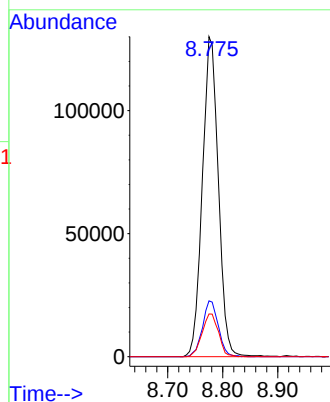
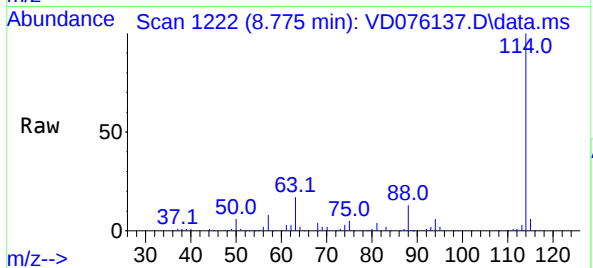


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 114
Delta R.T. 0.000 min
Lab File: VD076137.D
Acq: 18 May 2023 13:33

Instrument :
MSVOA_D
ClientSampleId :
SU-3-051723

Tgt Ion:114 Resp: 262754

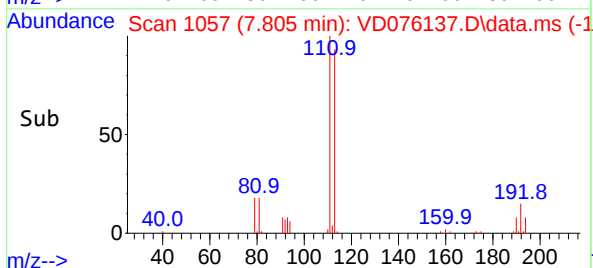
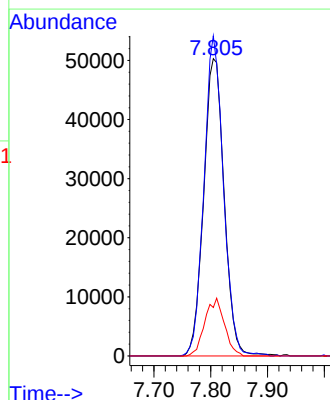
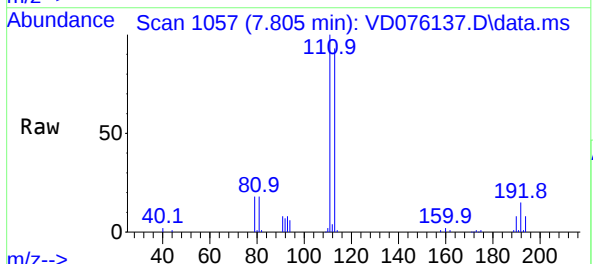
Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	41.6
88	13.4	0.0	30.6

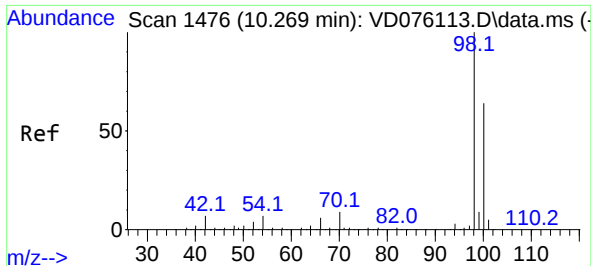


#35
Dibromofluoromethane
Concen: 69.279 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076137.D
Acq: 18 May 2023 13:33

Tgt Ion:113 Resp: 125824

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.0
192	18.6	15.2	22.8

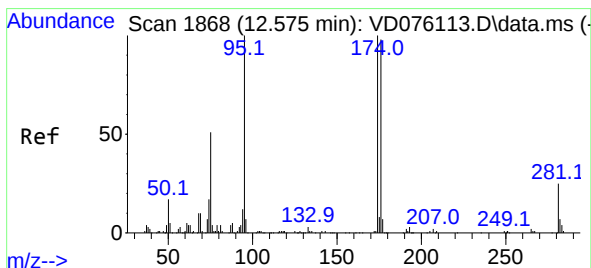
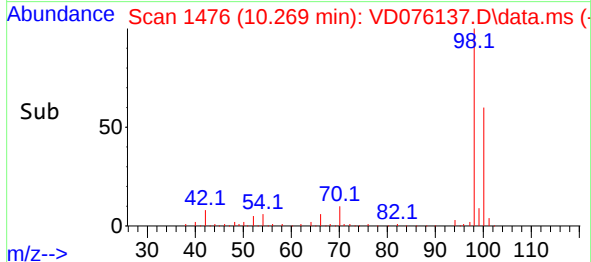
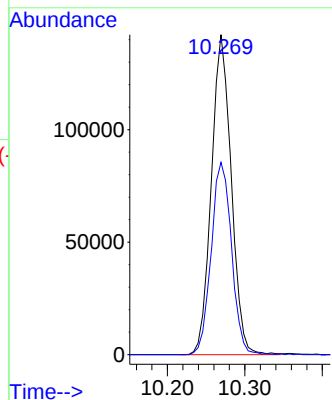
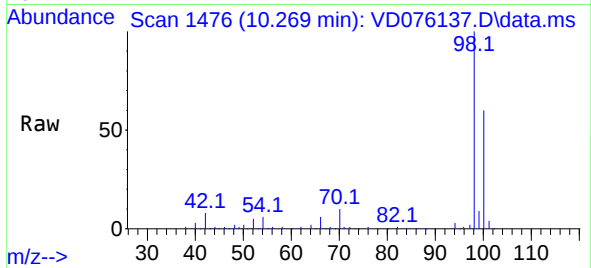




#50
Toluene-d8
Concen: 35.748 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076137.D
Acq: 18 May 2023 13:33

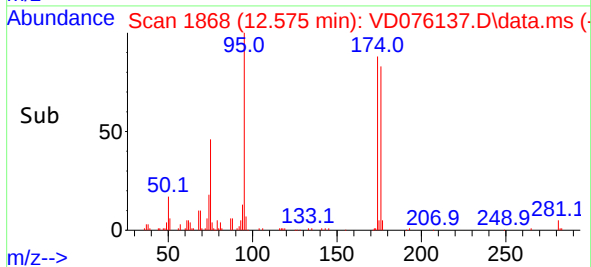
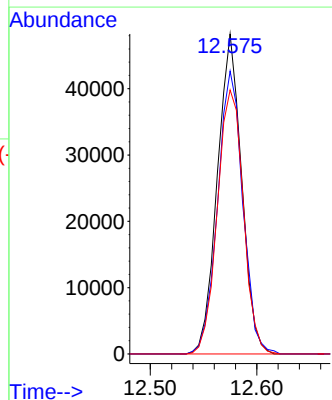
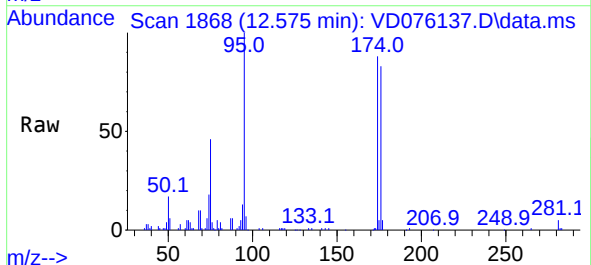
Instrument :
MSVOA_D
ClientSampleId :
SU-3-051723

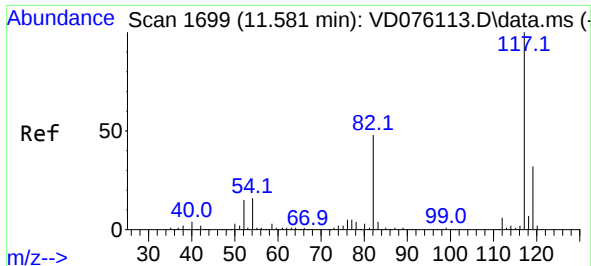
Tgt Ion: 98 Resp: 253094
Ion Ratio Lower Upper
98 100
100 61.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 38.750 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076137.D
Acq: 18 May 2023 13:33

Tgt Ion: 95 Resp: 76210
Ion Ratio Lower Upper
95 100
174 91.7 0.0 164.0
176 88.3 0.0 156.8

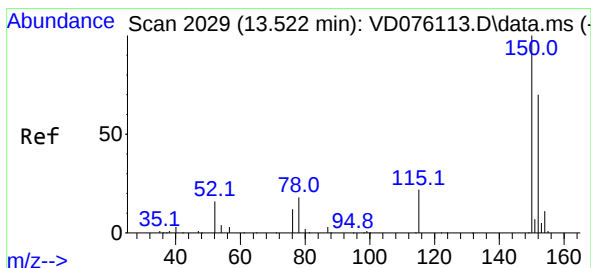
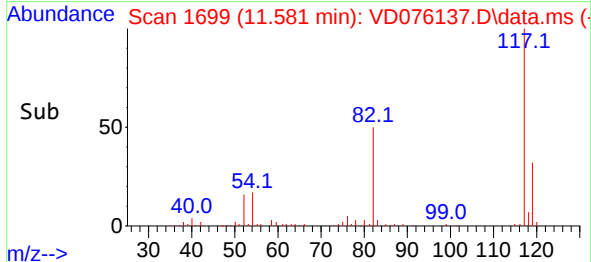
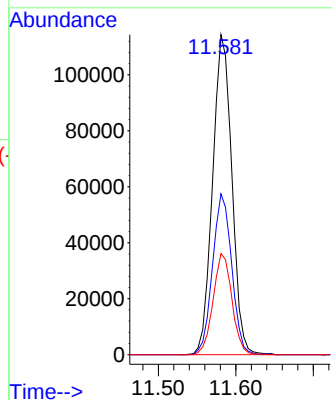
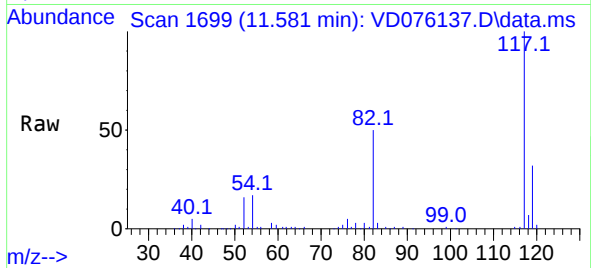




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076137.D
Acq: 18 May 2023 13:33

Instrument :
MSVOA_D
ClientSampleId :
SU-3-051723

Tgt Ion:117 Resp: 197144
Ion Ratio Lower Upper
117 100
82 50.3 44.0 66.0
119 31.6 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: VD076137.D
Acq: 18 May 2023 13:33

Tgt Ion:152 Resp: 62332
Ion Ratio Lower Upper
152 100
115 54.9 30.1 90.3
150 161.0 0.0 364.8

