

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051823\
 Data File : VD076132.D
 Acq On : 18 May 2023 11:06
 Operator : KP/SY
 Sample : VD0518SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0518SBL01

Quant Time: May 19 01:51:36 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	157420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	298704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	315003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	114929	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	95628	62.854	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.700%
35) Dibromofluoromethane	7.805	113	103714	50.232	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.460%
50) Toluene-d8	10.269	98	372240	46.248	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.500%
62) 4-Bromofluorobenzene	12.575	95	108936	48.723	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.440%

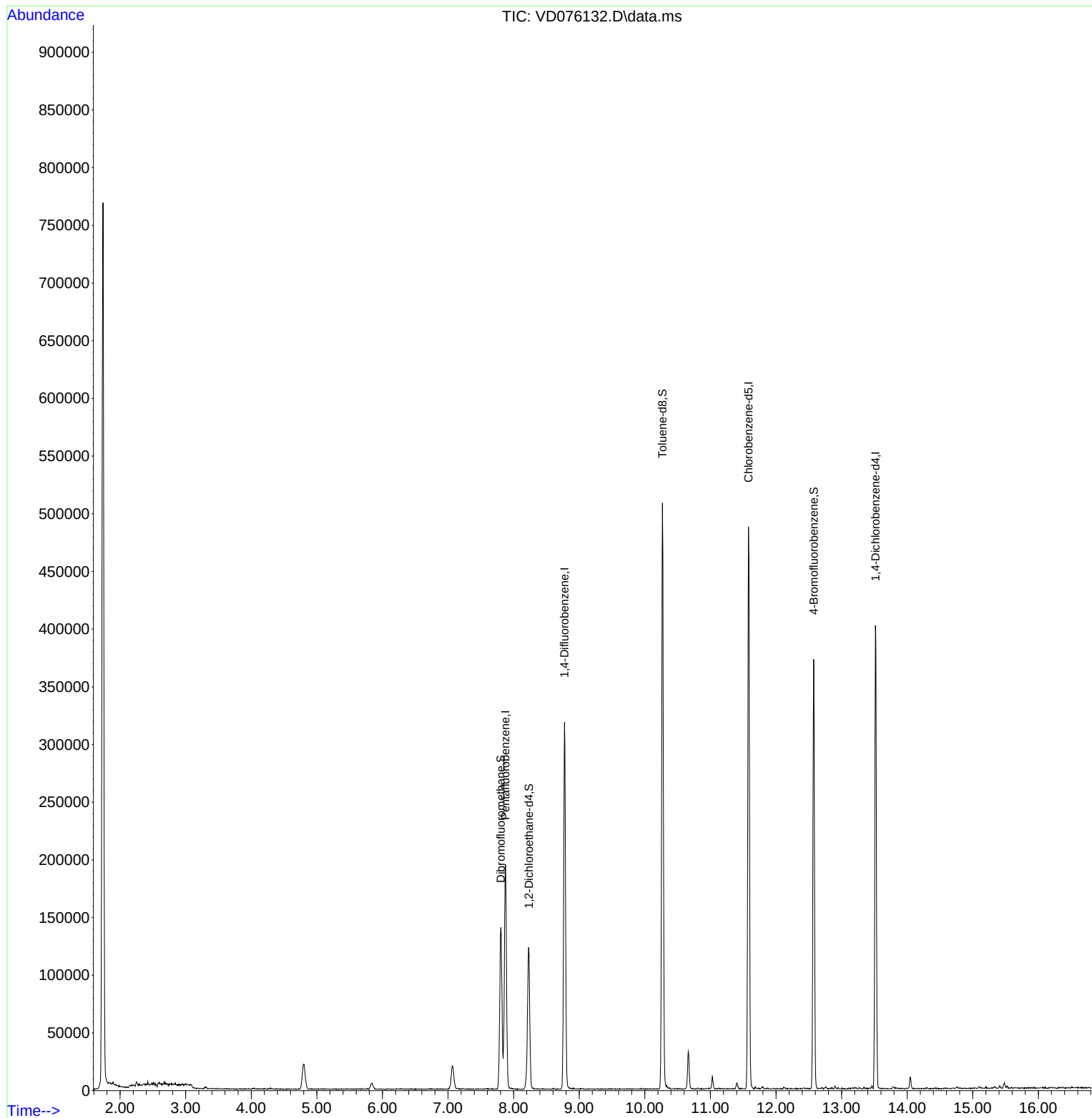
Target Compounds	Qvalue

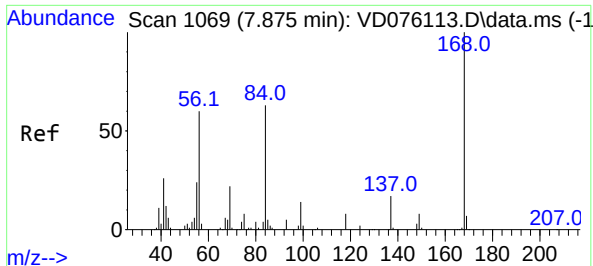
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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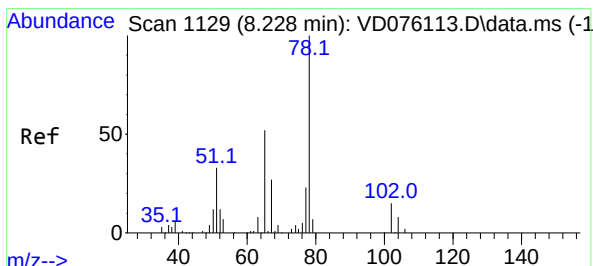
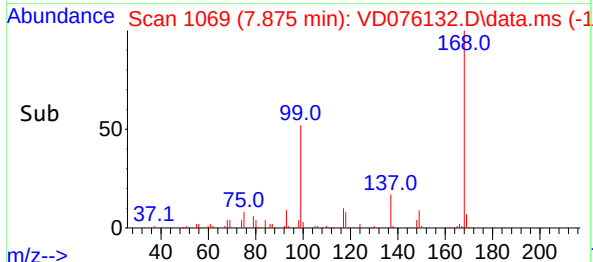
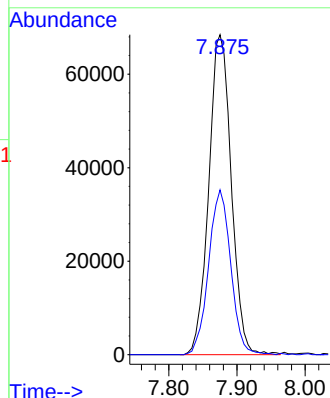
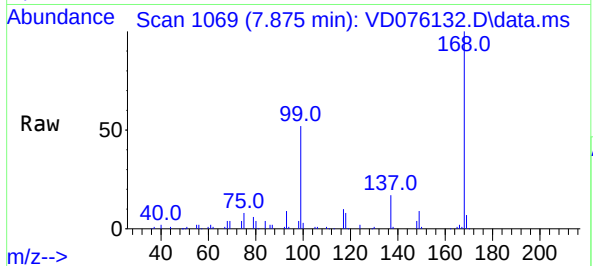




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD076132.D
Acq: 18 May 2023 11:06

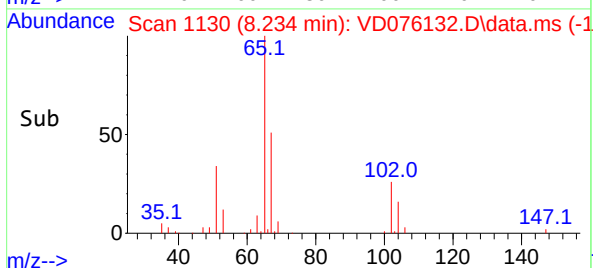
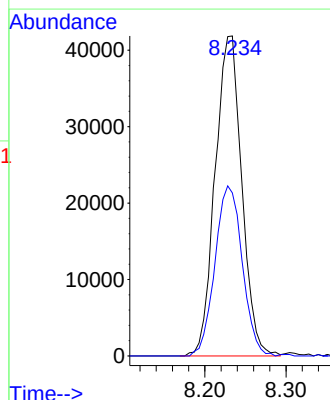
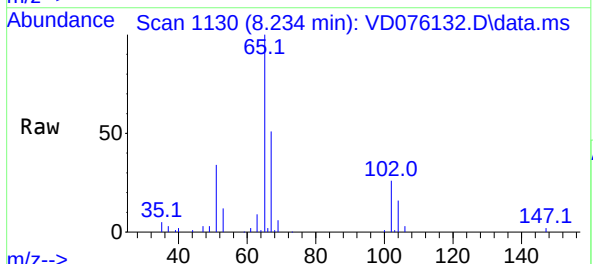
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBL01

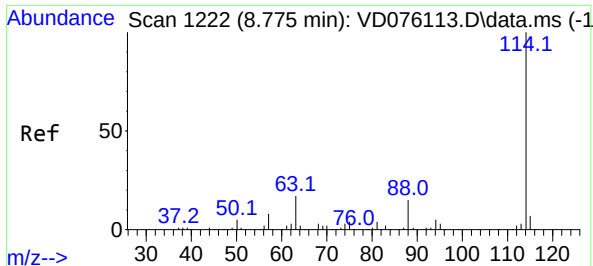
Tgt Ion:168 Resp: 157420
Ion Ratio Lower Upper
168 100
99 51.5 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 62.854 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD076132.D
Acq: 18 May 2023 11:06

Tgt Ion: 65 Resp: 95628
Ion Ratio Lower Upper
65 100
67 54.3 0.0 102.2

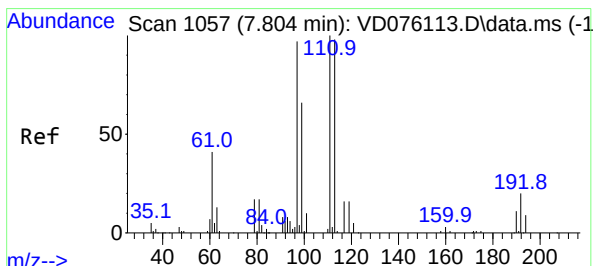
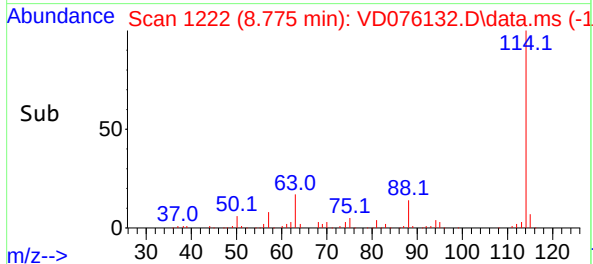
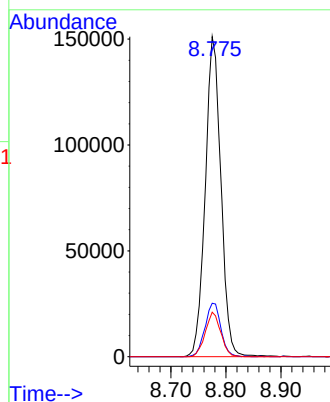
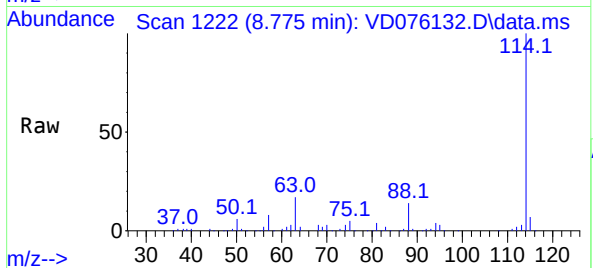




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076132.D
Acq: 18 May 2023 11:06

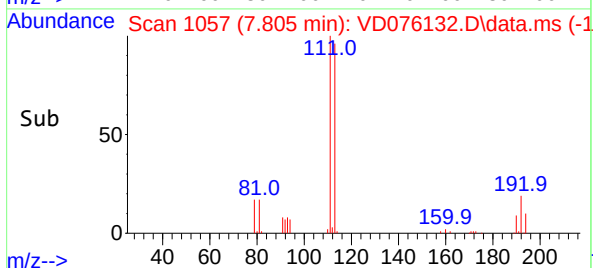
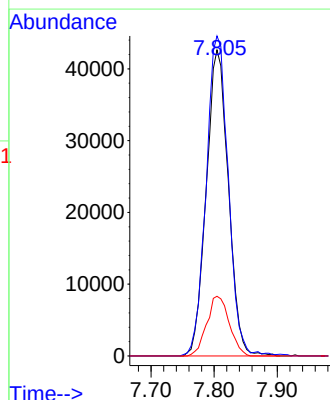
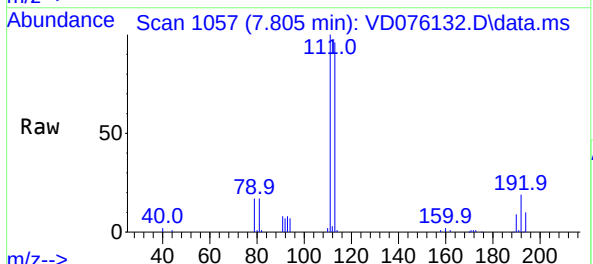
Instrument :
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VD0518SBL01

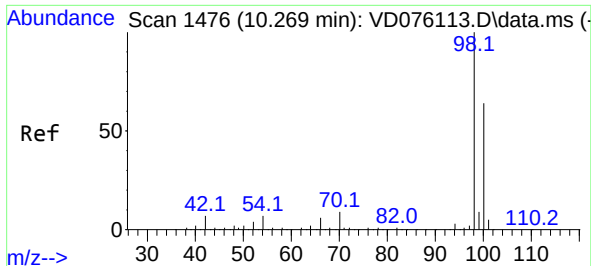
Tgt Ion:114 Resp: 298704
Ion Ratio Lower Upper
114 100
63 16.7 0.0 41.6
88 13.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.232 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076132.D
Acq: 18 May 2023 11:06

Tgt Ion:113 Resp: 103714
Ion Ratio Lower Upper
113 100
111 104.7 81.4 122.0
192 19.8 15.2 22.8

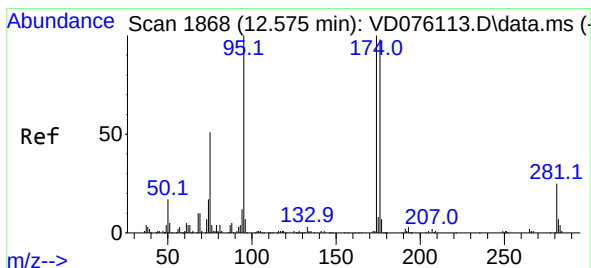
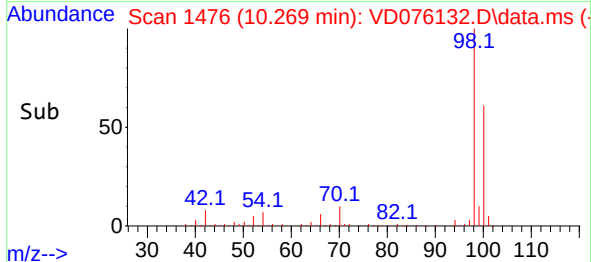
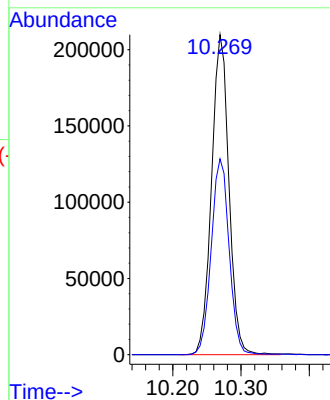
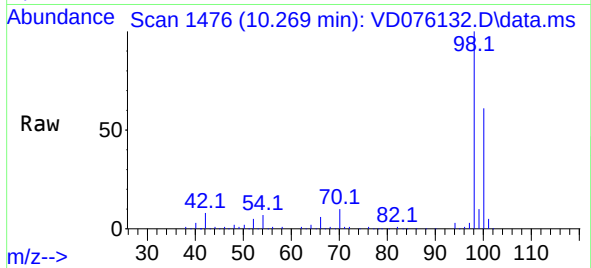




#50
Toluene-d8
Concen: 46.248 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076132.D
Acq: 18 May 2023 11:06

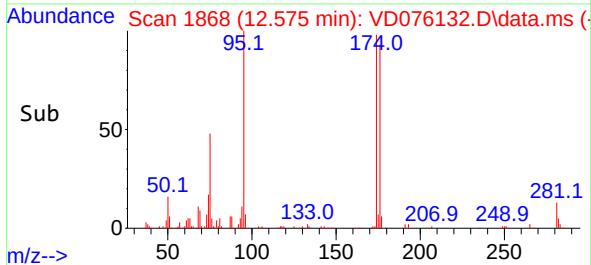
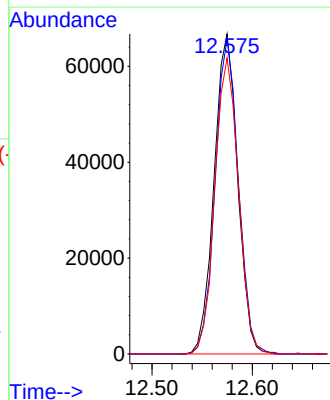
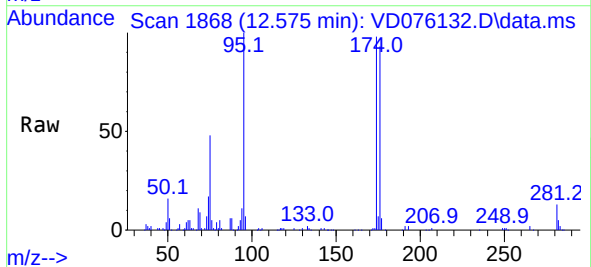
Instrument :
MSVOA_D
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VD0518SBL01

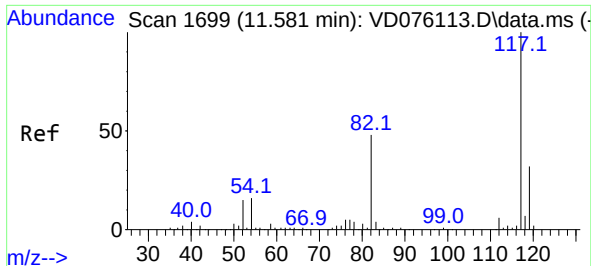
Tgt Ion: 98 Resp: 372240
Ion Ratio Lower Upper
98 100
100 63.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.723 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076132.D
Acq: 18 May 2023 11:06

Tgt Ion: 95 Resp: 108936
Ion Ratio Lower Upper
95 100
174 97.0 0.0 164.0
176 92.6 0.0 156.8

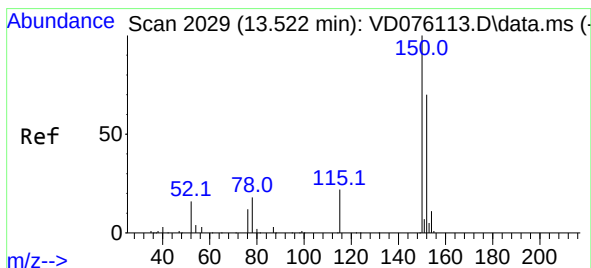
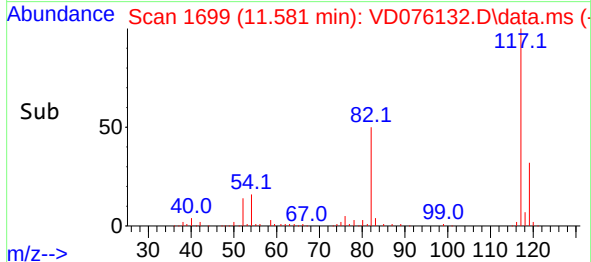
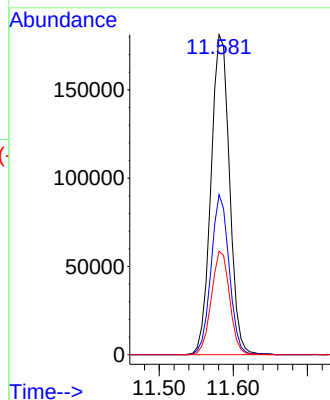
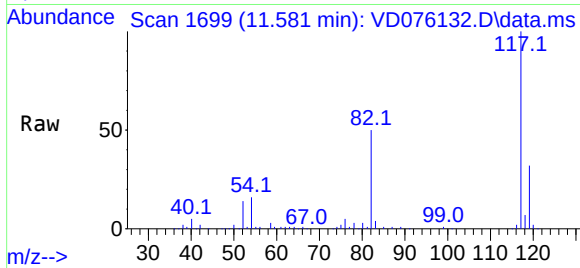




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076132.D
Acq: 18 May 2023 11:06

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBL01

Tgt Ion:117 Resp: 315003
Ion Ratio Lower Upper
117 100
82 50.0 44.0 66.0
119 32.3 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: VD076132.D
Acq: 18 May 2023 11:06

Tgt Ion:152 Resp: 114929
Ion Ratio Lower Upper
152 100
115 55.1 30.1 90.3
150 157.3 0.0 364.8

