

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011923\
 Data File : VD075142.D
 Acq On : 19 Jan 2023 16:04
 Operator : KP/SY
 Sample : 01229-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-011923

Quant Time: Jan 20 00:38:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	29167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	64778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	62313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	26560	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	24557	82.509	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	165.020%#
35) Dibromofluoromethane	7.804	113	22199	56.712	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.420%
50) Toluene-d8	10.269	98	80943	52.519	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.040%
62) 4-Bromofluorobenzene	12.575	95	27154	55.514	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.020%

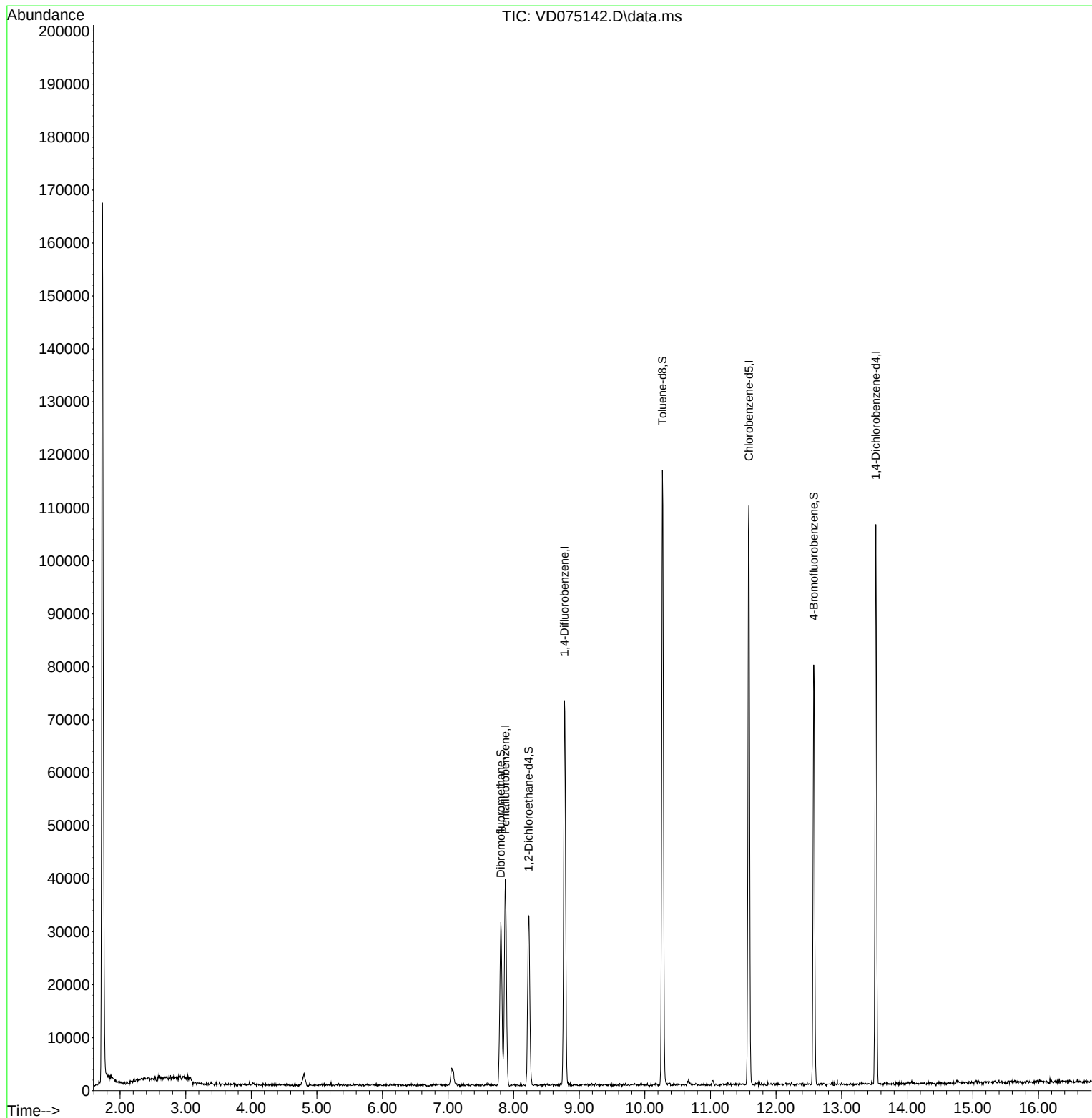
Target Compounds	Qvalue

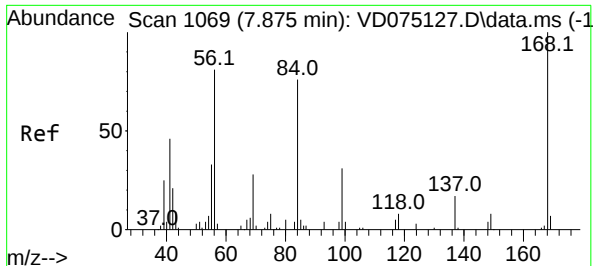
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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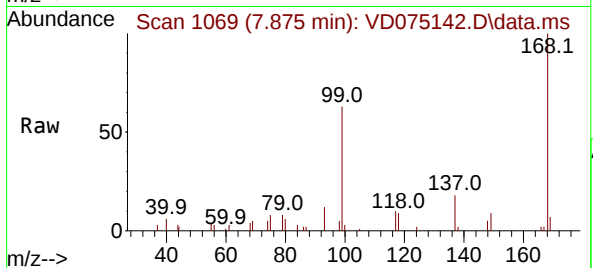
Quant Time: Jan 20 00:38:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
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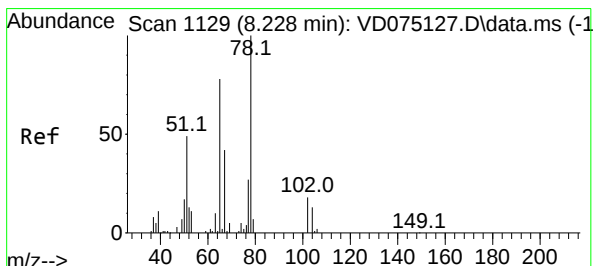
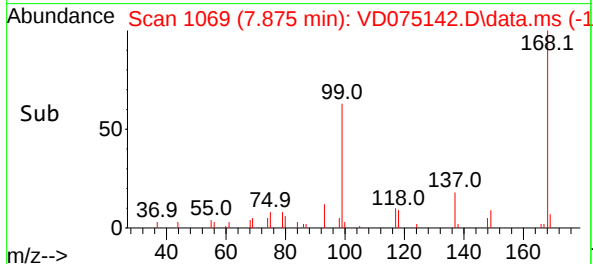
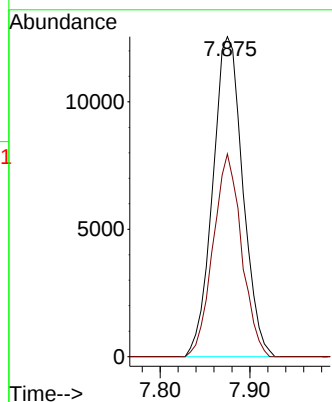


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075142.D
Acq: 19 Jan 2023 16:04

Instrument :
MSVOA_D
ClientSampleId :
OK-02-011923

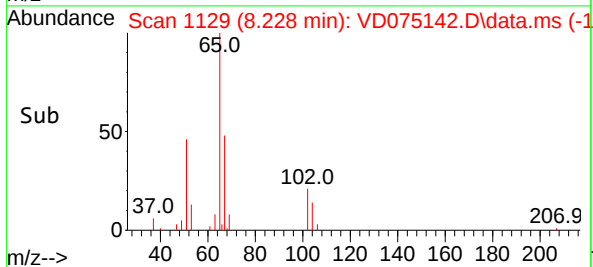
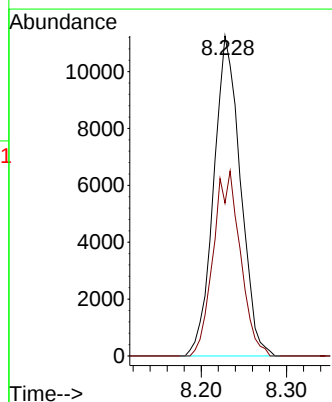
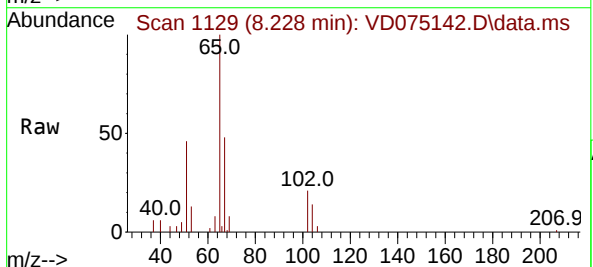


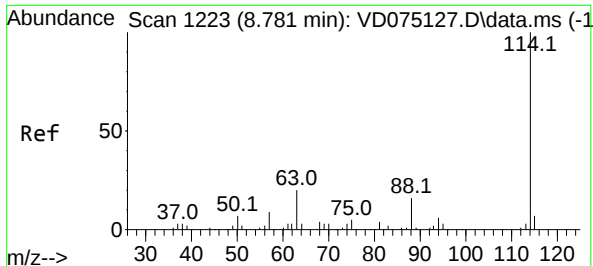
Tgt Ion:168 Resp: 29167
Ion Ratio Lower Upper
168 100
99 63.3 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 82.509 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075142.D
Acq: 19 Jan 2023 16:04

Tgt Ion: 65 Resp: 24557
Ion Ratio Lower Upper
65 100
67 58.4 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075142.D

Acq: 19 Jan 2023 16:04

Instrument :

MSVOA_D

ClientSampleId :

OK-02-011923

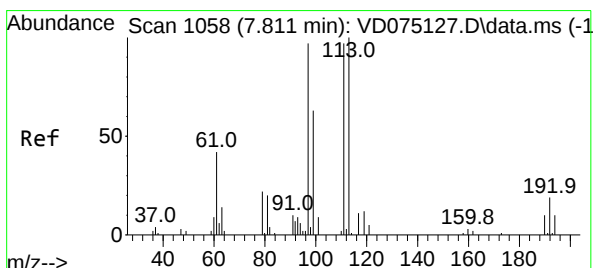
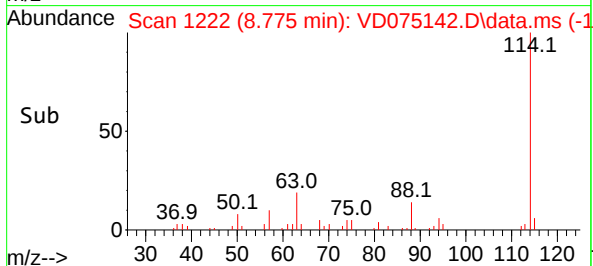
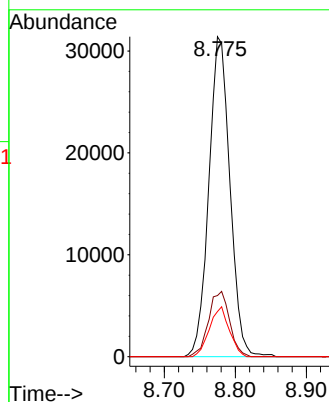
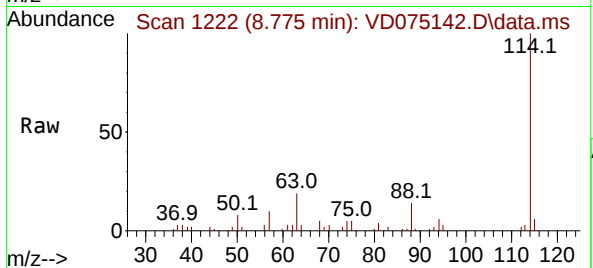
Tgt Ion:114 Resp: 64778

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.2

88 14.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 56.712 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075142.D

Acq: 19 Jan 2023 16:04

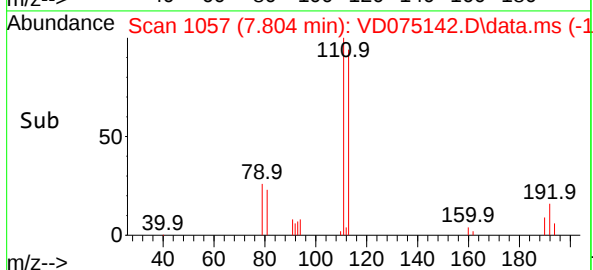
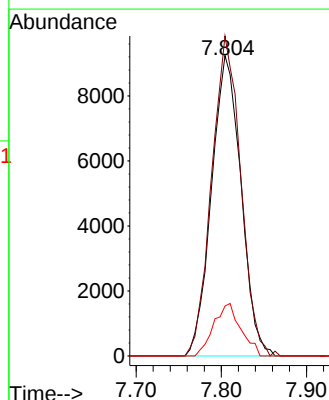
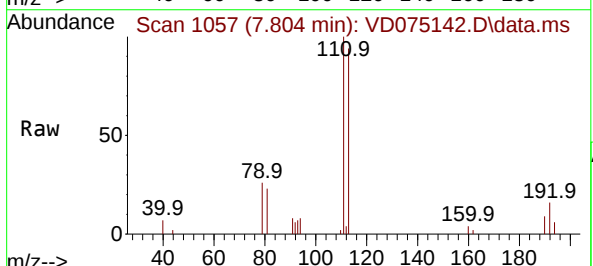
Tgt Ion:113 Resp: 22199

Ion Ratio Lower Upper

113 100

111 104.9 80.1 120.1

192 16.0 15.4 23.0

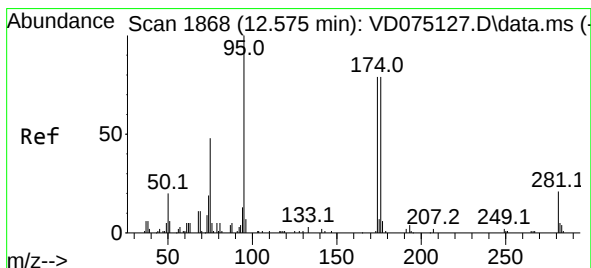
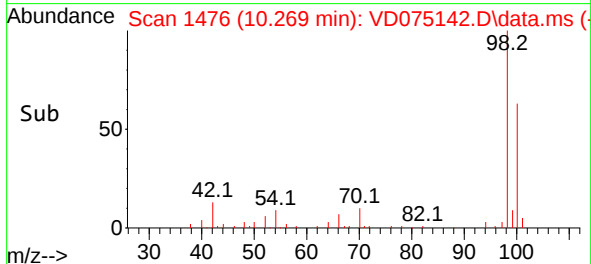
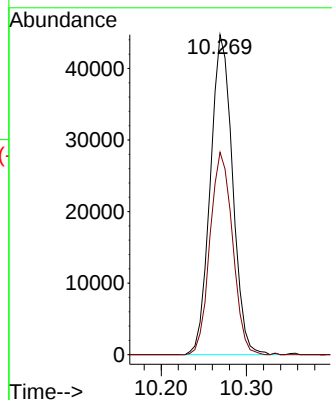
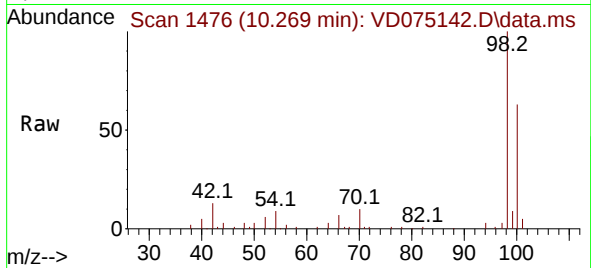




#50
Toluene-d8
Concen: 52.519 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075142.D
Acq: 19 Jan 2023 16:04

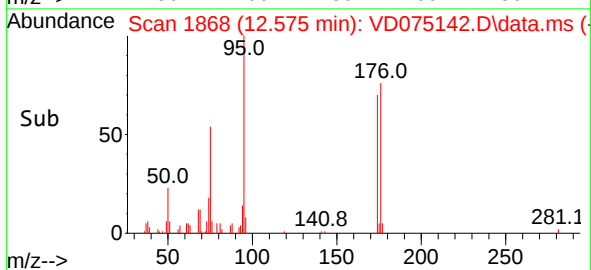
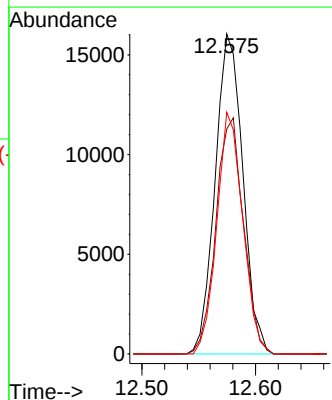
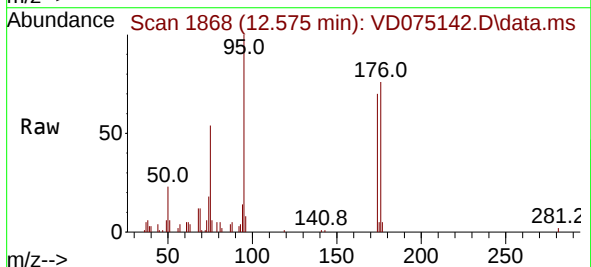
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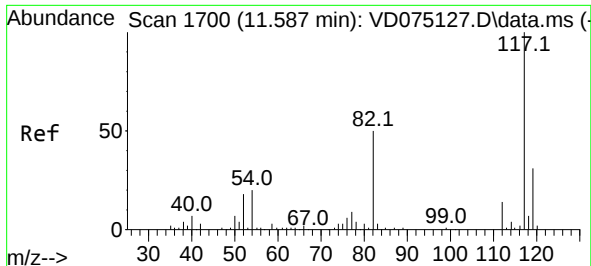
Tgt Ion: 98 Resp: 80943
Ion Ratio Lower Upper
98 100
100 64.2 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 55.514 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075142.D
Acq: 19 Jan 2023 16:04

Tgt Ion: 95 Resp: 27154
Ion Ratio Lower Upper
95 100
174 73.8 0.0 161.2
176 70.9 0.0 160.2

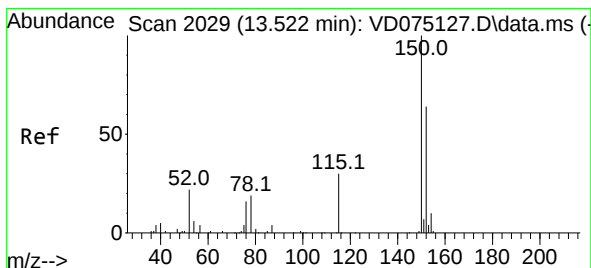
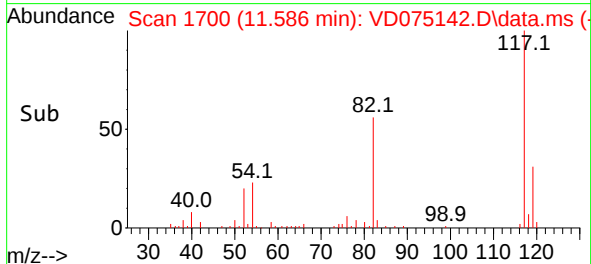
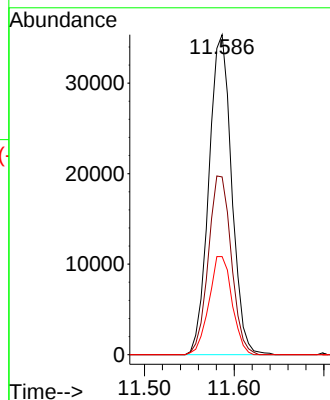
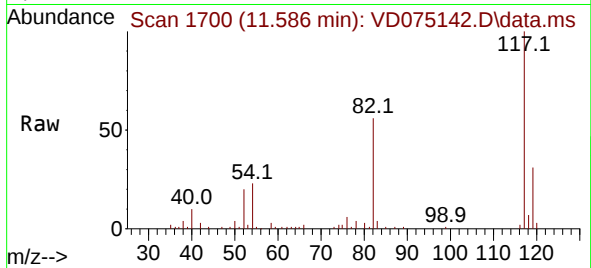




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075142.D
Acq: 19 Jan 2023 16:04

Instrument :
MSVOA_D
ClientSampleId :
OK-02-011923

Tgt Ion:117 Resp: 62313
Ion Ratio Lower Upper
117 100
82 55.6 39.6 59.4
119 30.7 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075142.D
Acq: 19 Jan 2023 16:04

Tgt Ion:152 Resp: 26560
Ion Ratio Lower Upper
152 100
115 60.3 28.8 86.4
150 162.2 0.0 348.6

