

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012523\
 Data File : VD075194.D
 Acq On : 25 Jan 2023 10:23
 Operator : KP/SY
 Sample : VD0125SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0125SBL01

Quant Time: Jan 25 15:54:24 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	79980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	155858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	150238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	65035	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	44013	53.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.860%
35) Dibromofluoromethane	7.804	113	46859	49.755	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.500%
50) Toluene-d8	10.269	98	193566	52.199	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.400%
62) 4-Bromofluorobenzene	12.574	95	61577	52.322	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.640%

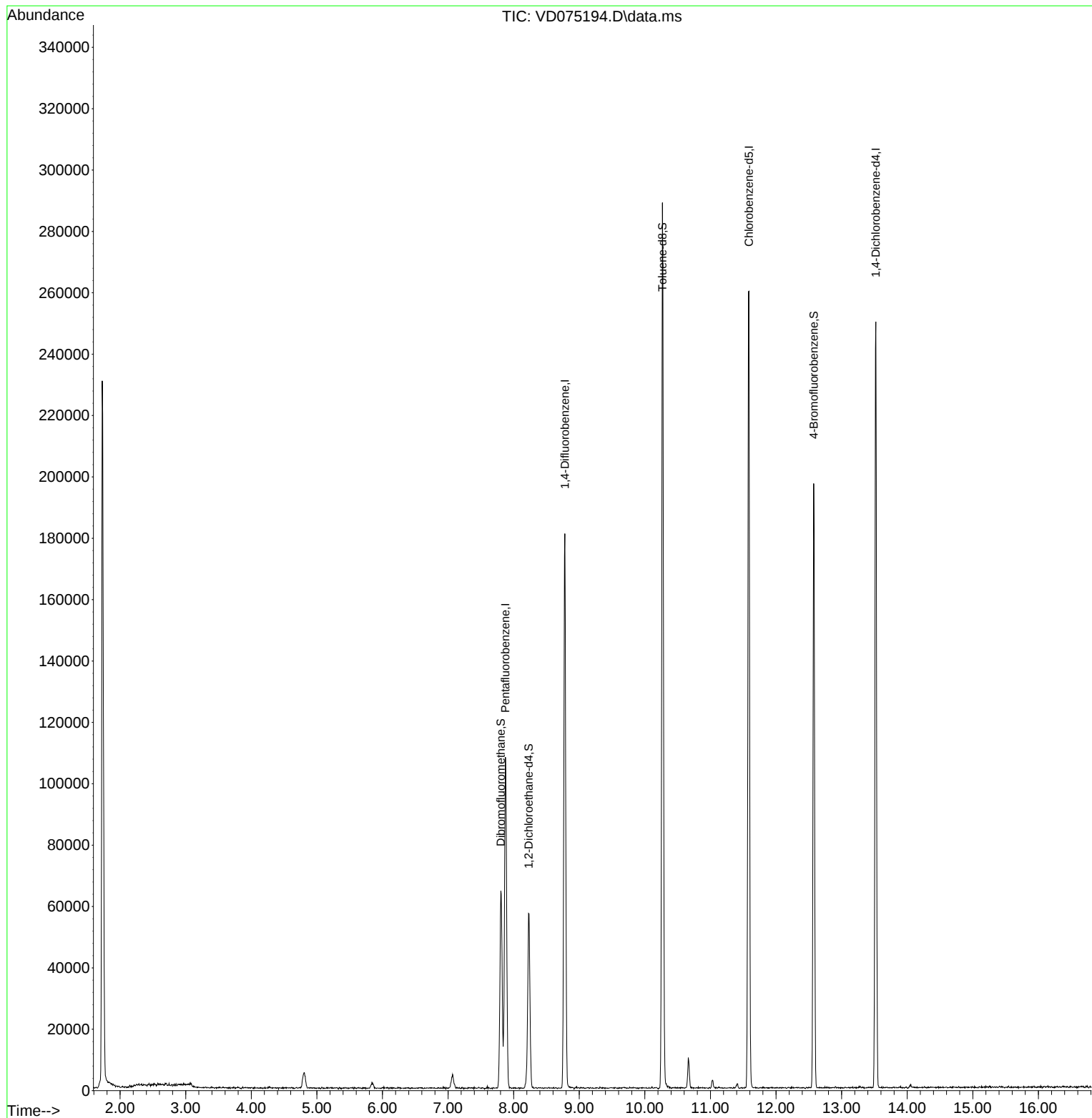
Target Compounds	Qvalue

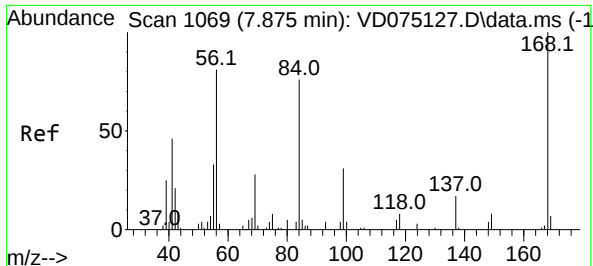
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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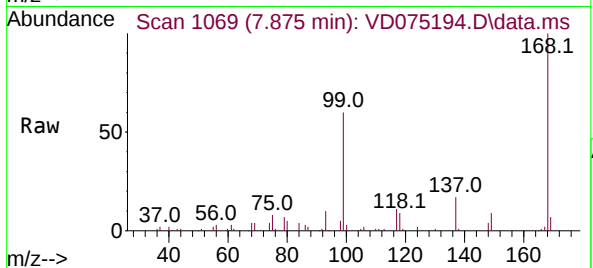
Quant Time: Jan 25 15:54:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
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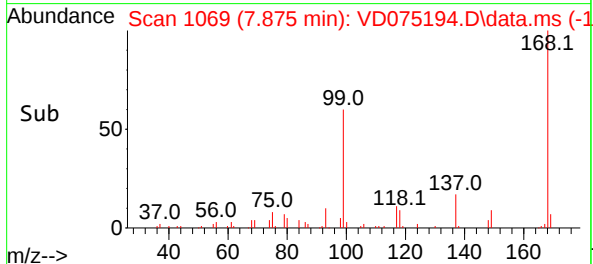
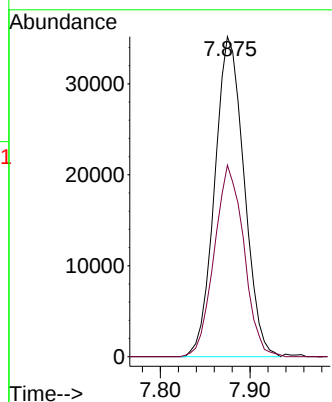


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075194.D
Acq: 25 Jan 2023 10:23

Instrument :
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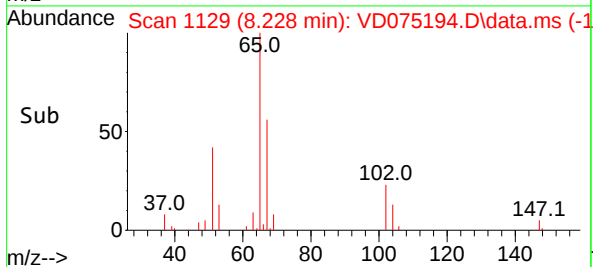
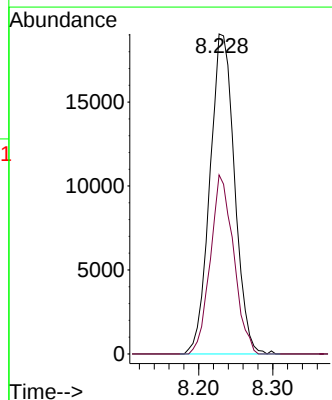
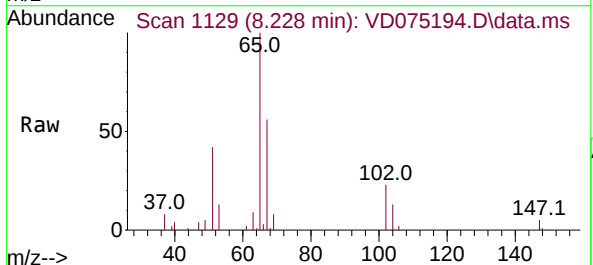


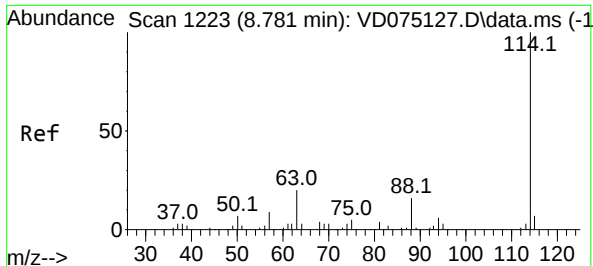
Tgt Ion:168 Resp: 79980
Ion Ratio Lower Upper
168 100
99 59.8 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 53.929 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.001 min
Lab File: VD075194.D
Acq: 25 Jan 2023 10:23

Tgt Ion: 65 Resp: 44013
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.001 min

Lab File: VD075194.D

Acq: 25 Jan 2023 10:23

Instrument :

MSVOA_D

ClientSampleId :

VD0125SBL01

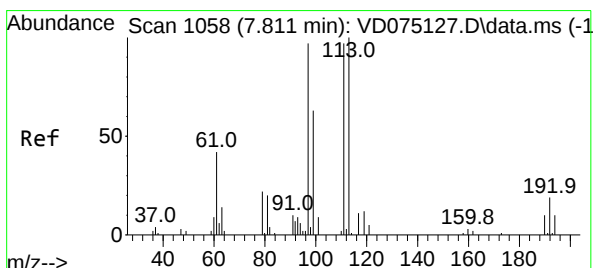
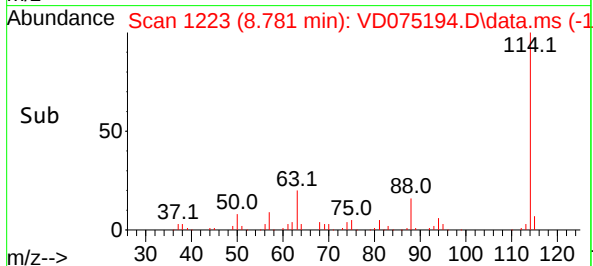
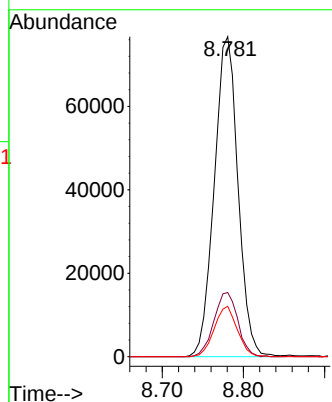
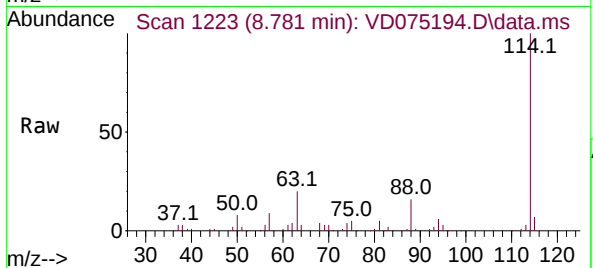
Tgt Ion:114 Resp: 155858

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 15.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 49.755 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075194.D

Acq: 25 Jan 2023 10:23

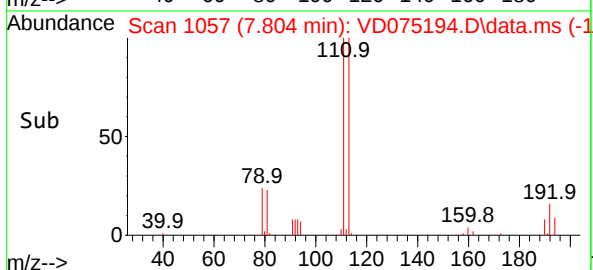
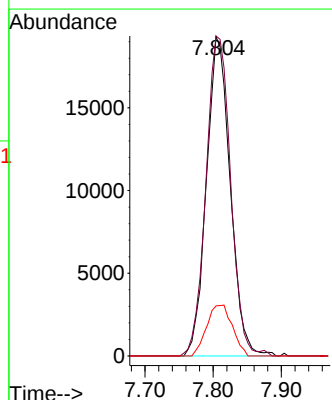
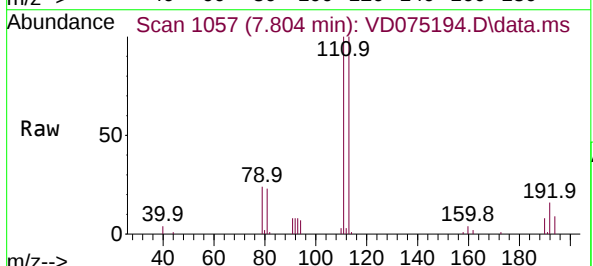
Tgt Ion:113 Resp: 46859

Ion Ratio Lower Upper

113 100

111 104.1 80.1 120.1

192 17.2 15.4 23.0

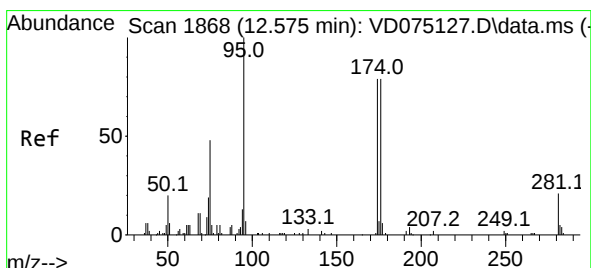
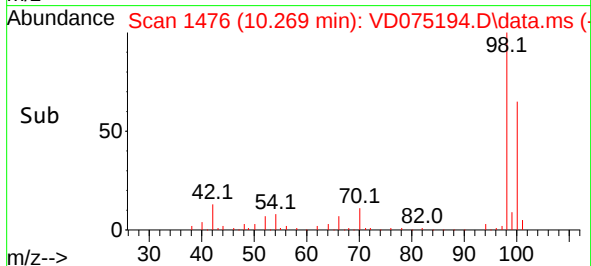
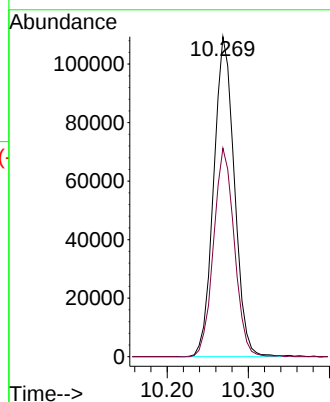
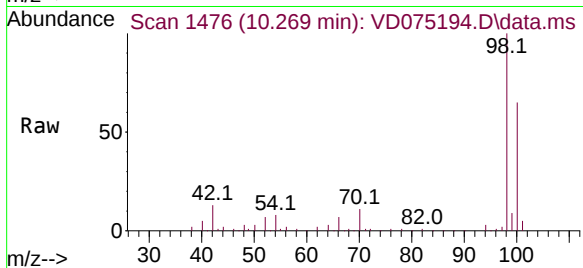




#50
Toluene-d8
Concen: 52.199 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.001 min
Lab File: VD075194.D
Acq: 25 Jan 2023 10:23

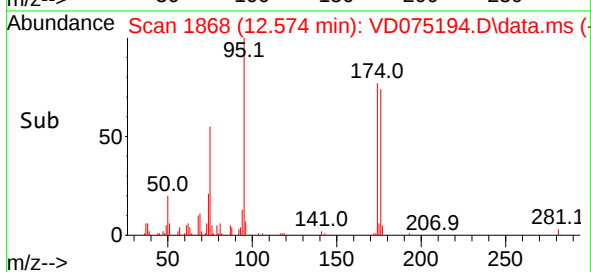
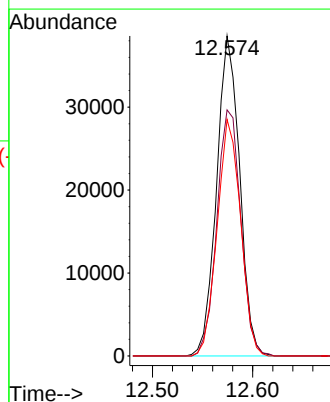
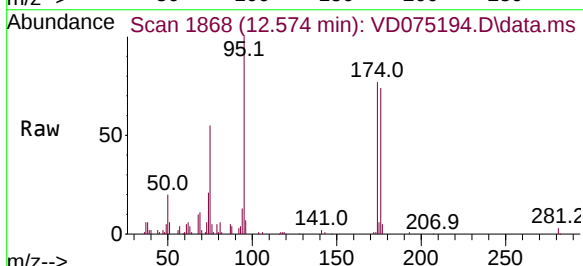
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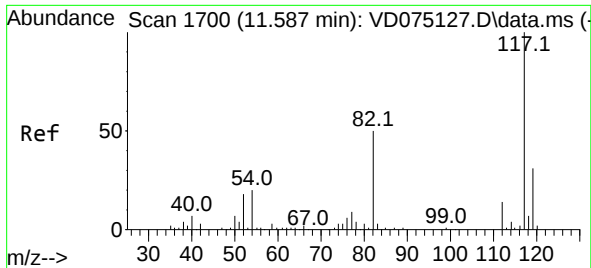
Tgt Ion: 98 Resp: 193566
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 52.322 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.001 min
Lab File: VD075194.D
Acq: 25 Jan 2023 10:23

Tgt Ion: 95 Resp: 61577
Ion Ratio Lower Upper
95 100
174 79.8 0.0 161.2
176 75.1 0.0 160.2

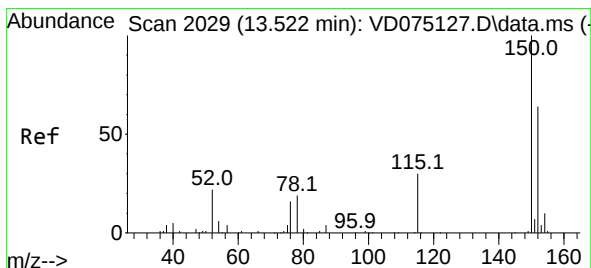
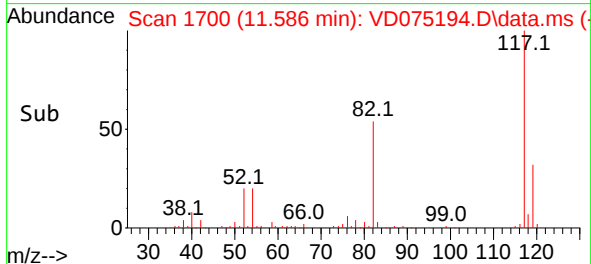
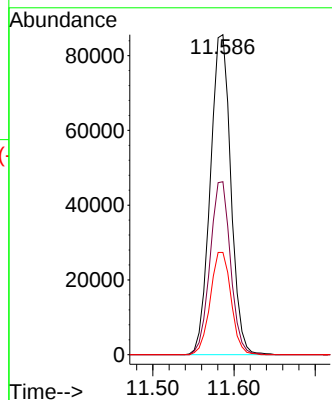
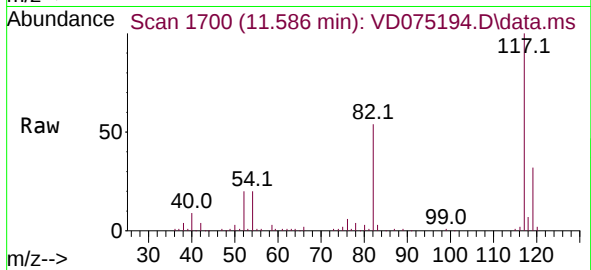




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 117
Delta R.T. -0.001 min
Lab File: VD075194.D
Acq: 25 Jan 2023 10:23

Instrument :
MSVOA_D
ClientSampleId :
VD0125SBL01

Tgt Ion:117 Resp: 150238
Ion Ratio Lower Upper
117 100
82 54.1 39.6 59.4
119 32.0 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.521 min Scan# 2029
Delta R.T. -0.001 min
Lab File: VD075194.D
Acq: 25 Jan 2023 10:23

Tgt Ion:152 Resp: 65035
Ion Ratio Lower Upper
152 100
115 58.2 28.8 86.4
150 155.9 0.0 348.6

