

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041923\
 Data File : VD075751.D
 Acq On : 19 Apr 2023 16:16
 Operator : KP/SY
 Sample : 02270-25
 Misc : 3.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-16-0-2-20230413

Quant Time: Apr 20 06:01:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	202914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	391417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	313996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	101042	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	105765	54.913	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.820%
35) Dibromofluoromethane	7.804	113	133606	50.749	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.500%
50) Toluene-d8	10.269	98	462647	43.883	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.760%
62) 4-Bromofluorobenzene	12.575	95	95230	33.984	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	67.960%

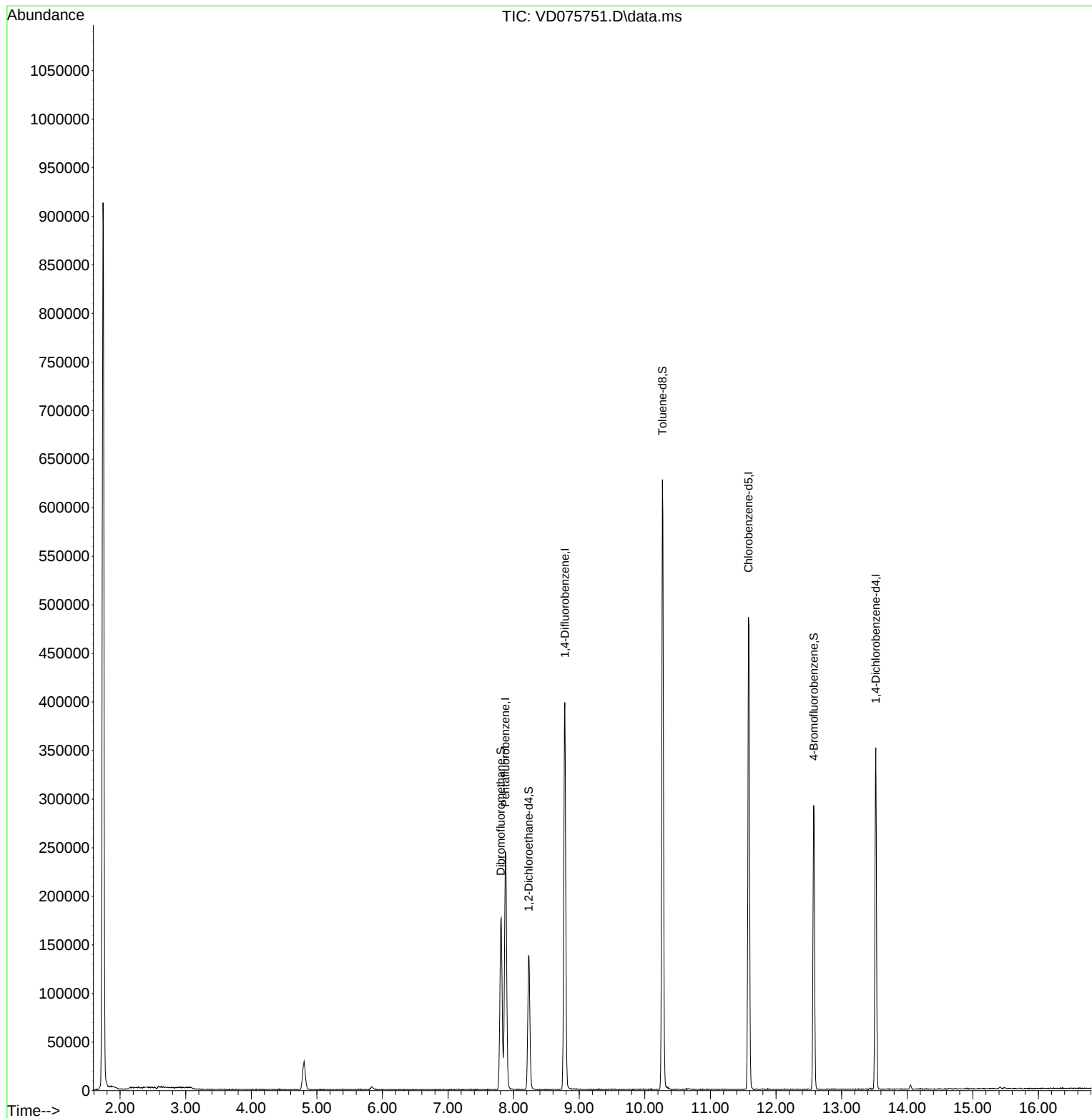
Target Compounds	Qvalue

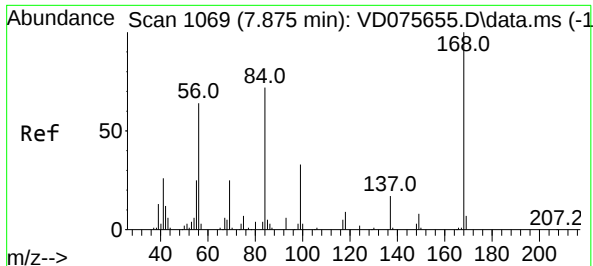
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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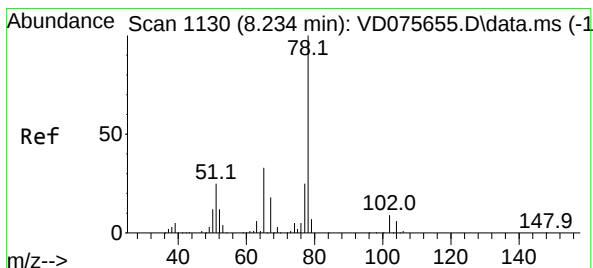
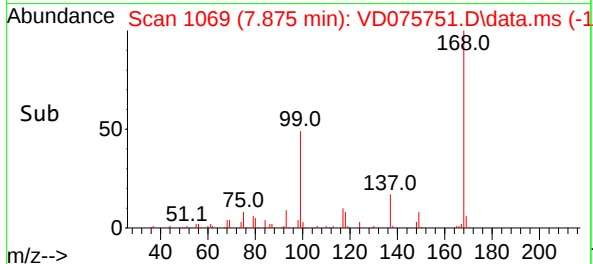
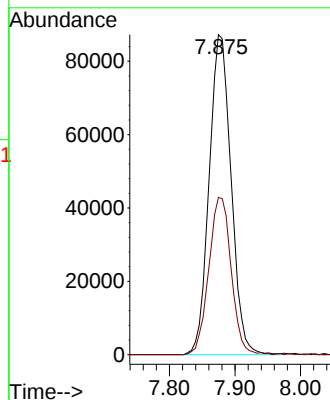
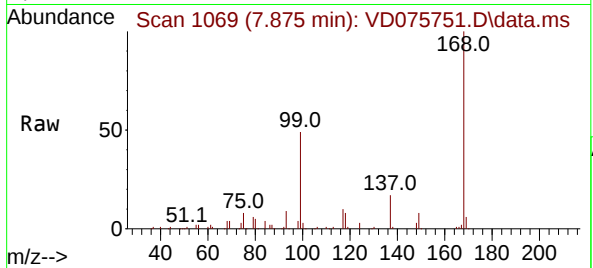




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD075751.D
Acq: 19 Apr 2023 16:16

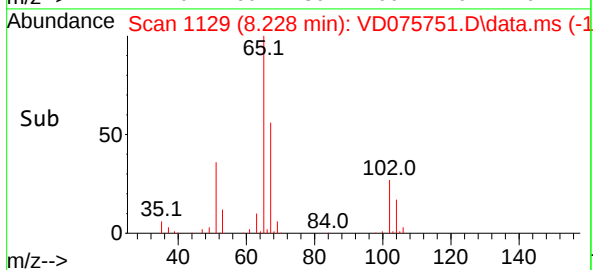
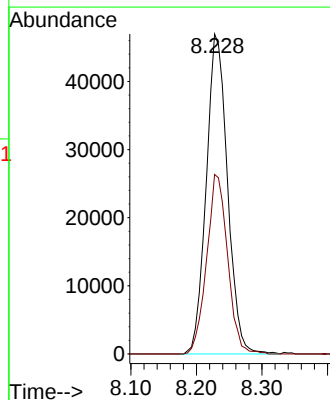
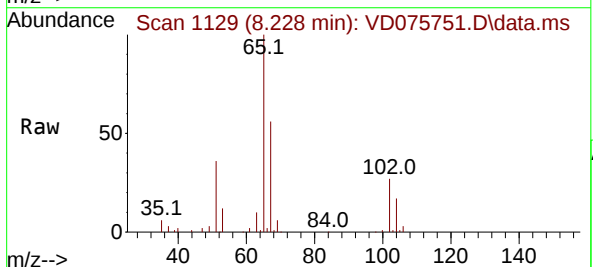
Instrument :
MSVOA_D
ClientSampleId :
SB-16-0-2-20230413

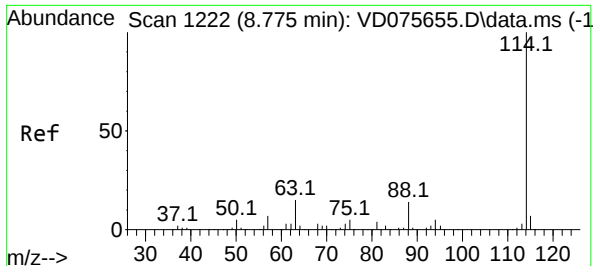
Tgt Ion:168 Resp: 202914
Ion Ratio Lower Upper
168 100
99 49.2 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 54.913 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075751.D
Acq: 19 Apr 2023 16:16

Tgt Ion: 65 Resp: 105765
Ion Ratio Lower Upper
65 100
67 55.4 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075751.D

Acq: 19 Apr 2023 16:16

Instrument :

MSVOA_D

ClientSampleId :

SB-16-0-2-20230413

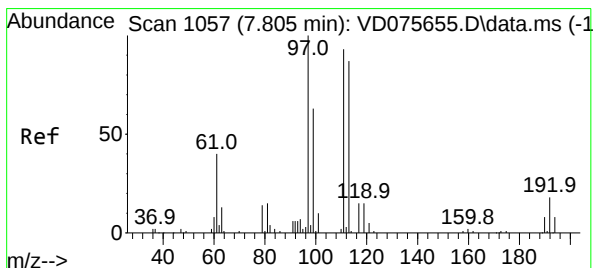
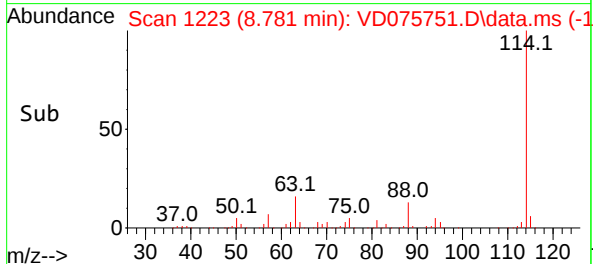
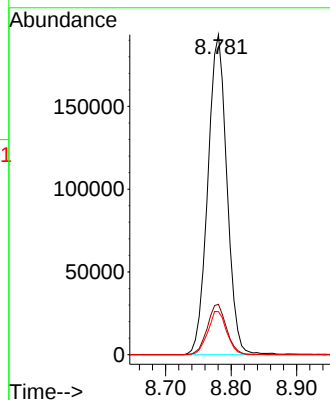
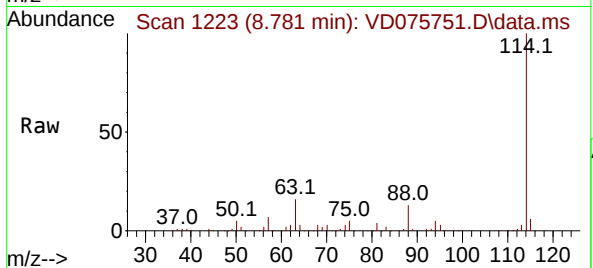
Tgt Ion:114 Resp: 391417

Ion Ratio Lower Upper

114 100

63 15.8 0.0 41.6

88 13.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.749 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075751.D

Acq: 19 Apr 2023 16:16

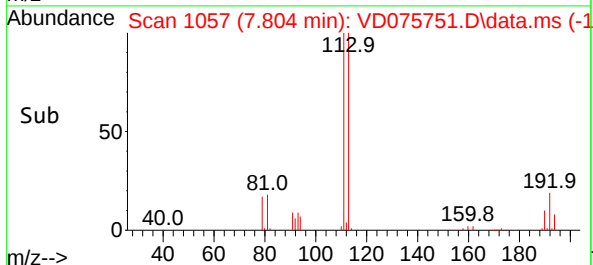
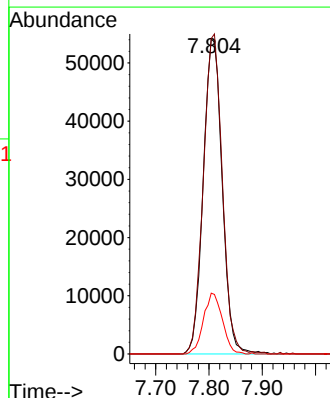
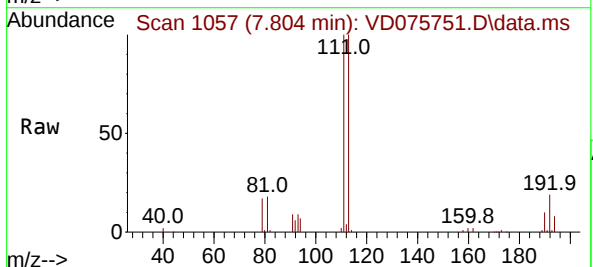
Tgt Ion:113 Resp: 133606

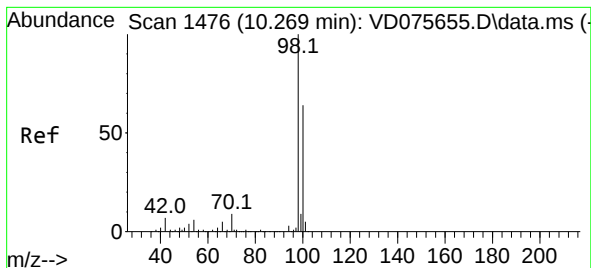
Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

192 19.2 15.2 22.8





#50

Toluene-d8

Concen: 43.883 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075751.D

Acq: 19 Apr 2023 16:16

Instrument :

MSVOA_D

ClientSampleId :

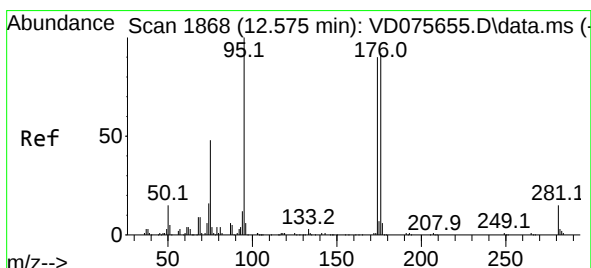
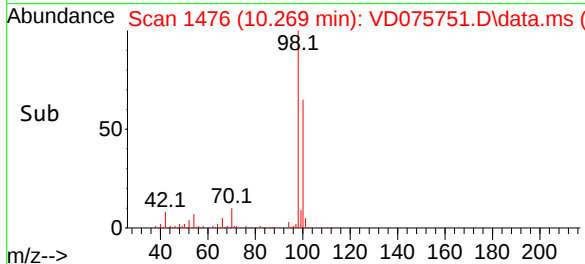
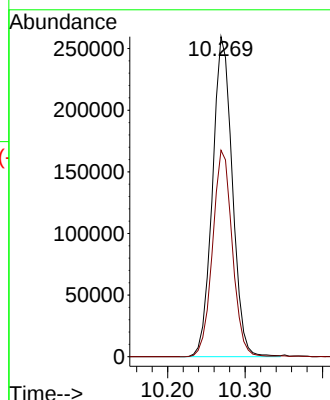
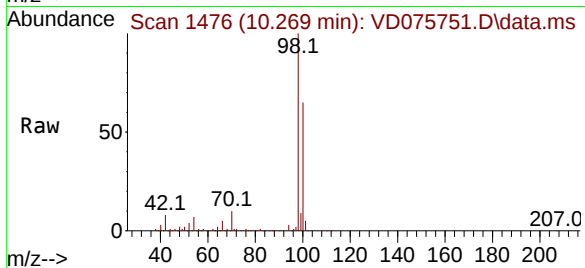
SB-16-0-2-20230413

Tgt Ion: 98 Resp: 462647

Ion Ratio Lower Upper

98 100

100 63.9 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 33.984 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075751.D

Acq: 19 Apr 2023 16:16

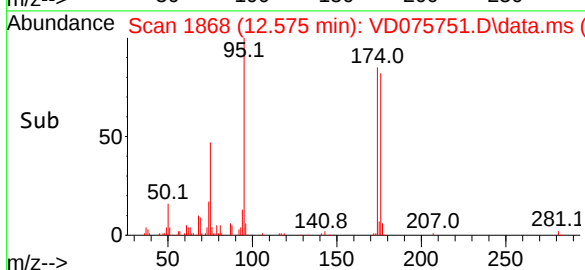
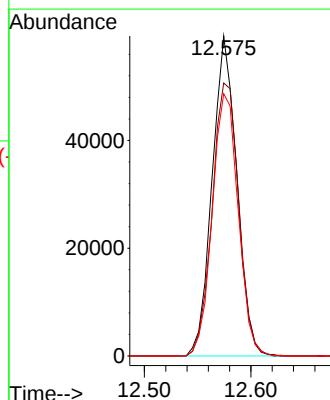
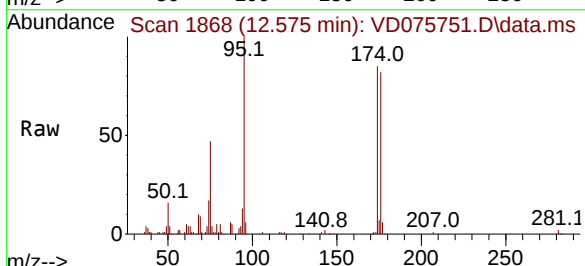
Tgt Ion: 95 Resp: 95230

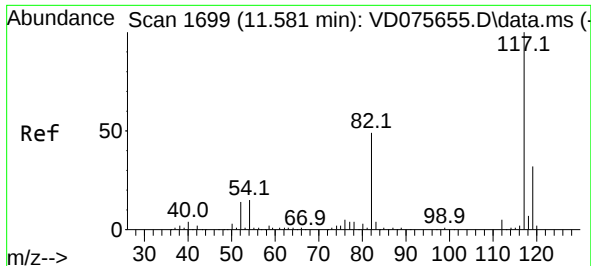
Ion Ratio Lower Upper

95 100

174 92.2 0.0 164.0

176 86.3 0.0 156.8

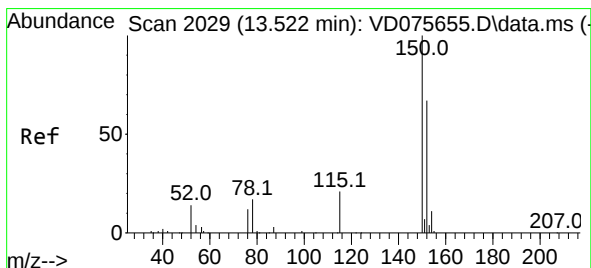
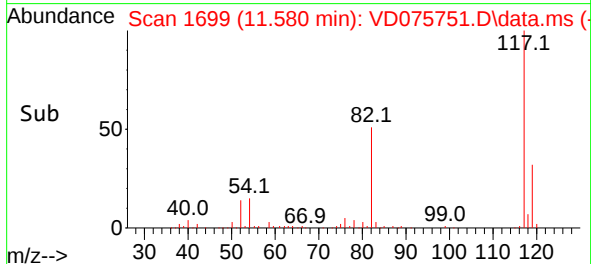
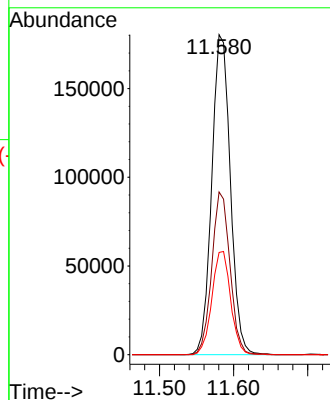
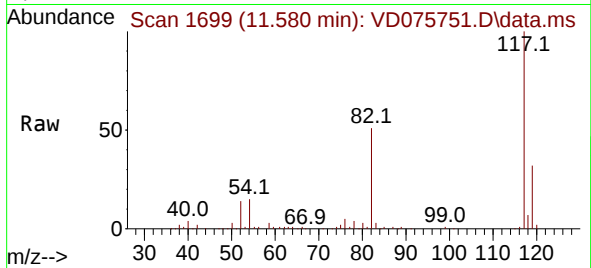




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1
Delta R.T. -0.001 min
Lab File: VD075751.D
Acq: 19 Apr 2023 16:16

Instrument :
MSVOA_D
ClientSampleId :
SB-16-0-2-20230413

Tgt Ion:117 Resp: 313996
Ion Ratio Lower Upper
117 100
82 50.8 44.0 66.0
119 32.0 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: VD075751.D
Acq: 19 Apr 2023 16:16

Tgt Ion:152 Resp: 101042
Ion Ratio Lower Upper
152 100
115 53.8 30.1 90.3
150 158.7 0.0 364.8

