

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012523\
 Data File : VD075200.D
 Acq On : 25 Jan 2023 13:13
 Operator : KP/SY
 Sample : 01285-01
 Misc : 2.88G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-07-SB01

Quant Time: Jan 25 15:56:37 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	7.881	168	77031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	150271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	135825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	50232	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	44966	57.206	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.420%
35) Dibromofluoromethane	7.810	113	47151	51.926	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.860%
50) Toluene-d8	10.269	98	186611	52.194	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.380%
62) 4-Bromofluorobenzene	12.575	95	52944	46.659	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.320%

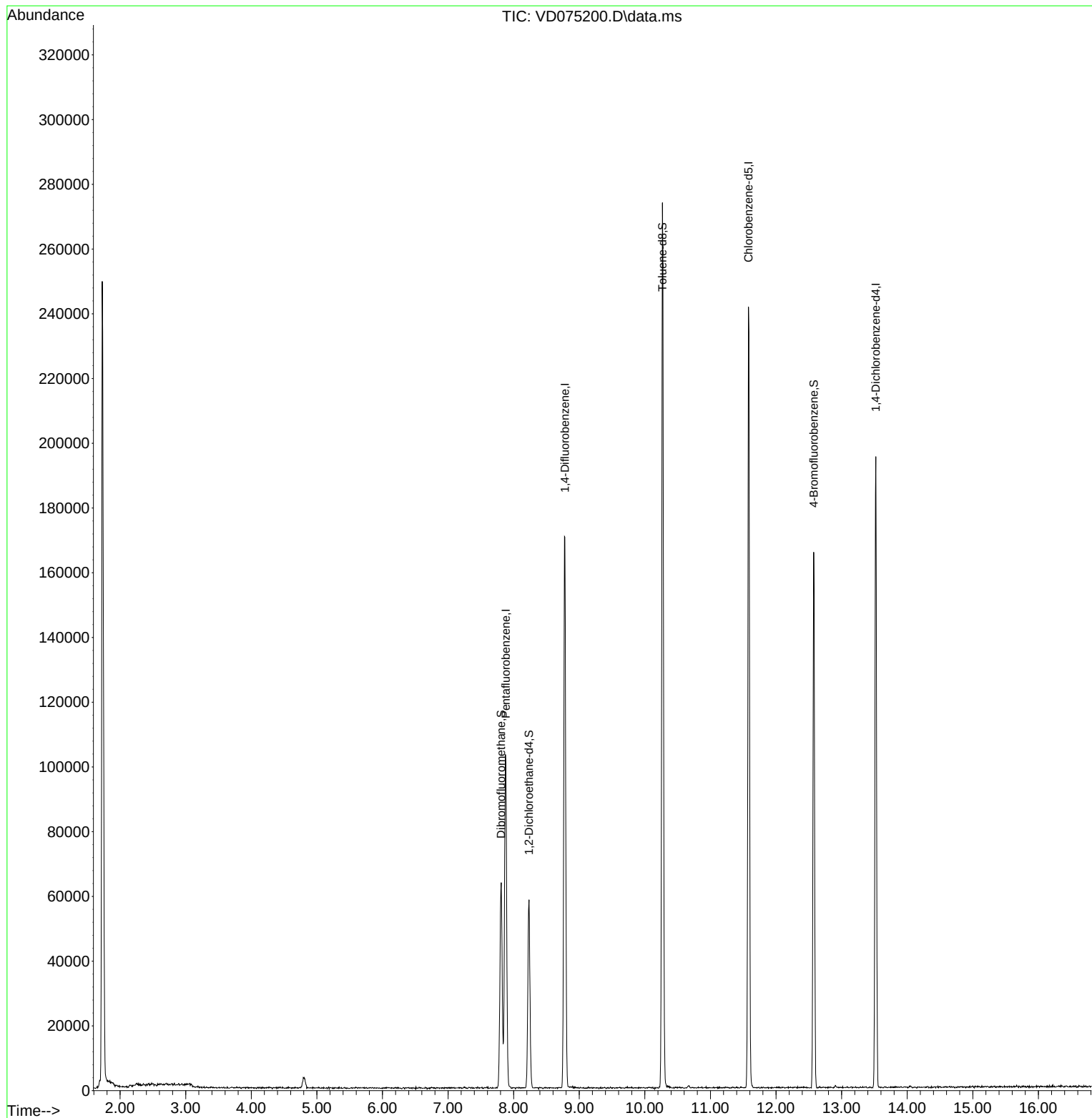
Target Compounds	Qvalue

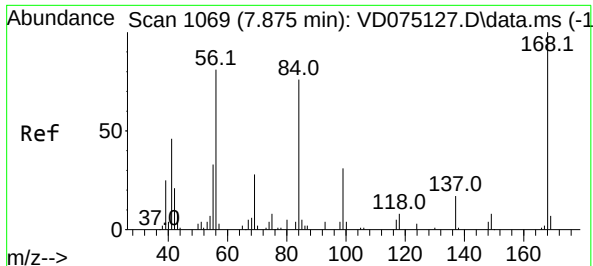
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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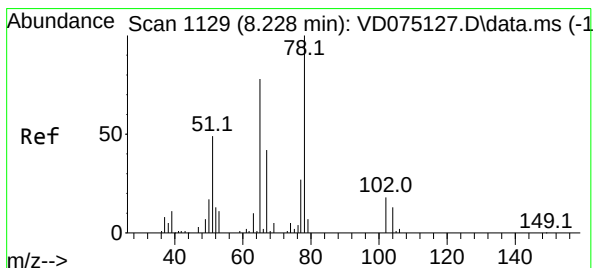
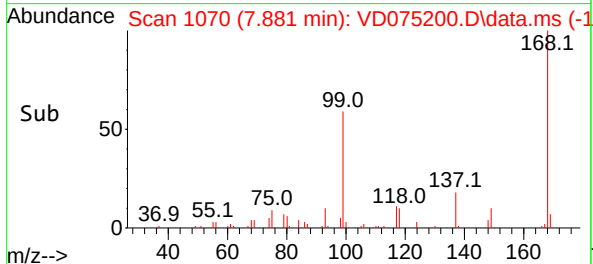
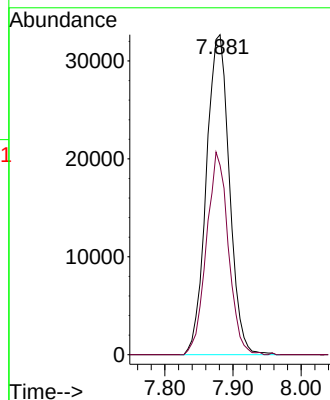
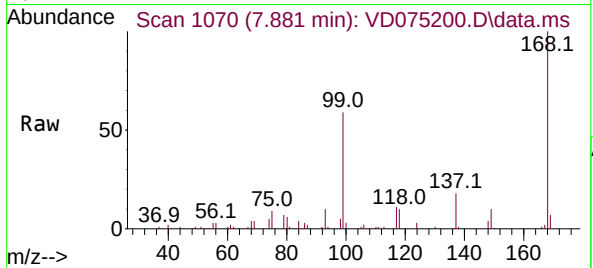




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD075200.D
Acq: 25 Jan 2023 13:13

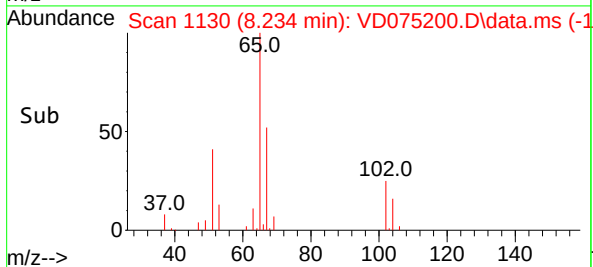
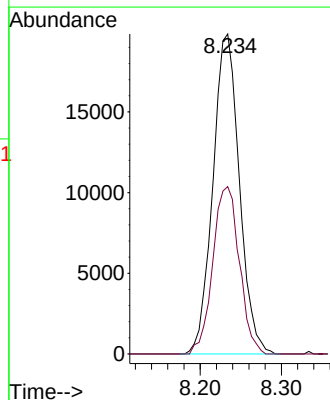
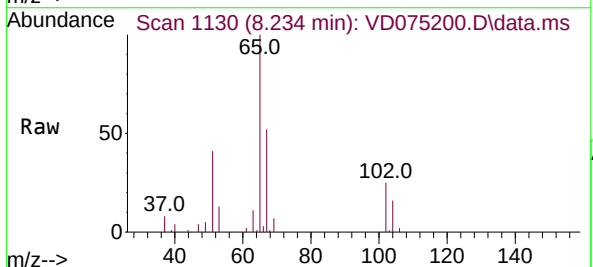
Instrument :
MSVOA_D
ClientSampleId :
B-07-SB01

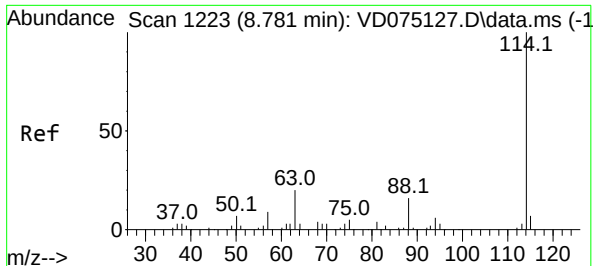
Tgt Ion:168 Resp: 77031
Ion Ratio Lower Upper
168 100
99 59.2 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 57.206 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075200.D
Acq: 25 Jan 2023 13:13

Tgt Ion: 65 Resp: 44966
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075200.D

Acq: 25 Jan 2023 13:13

Instrument :

MSVOA_D

ClientSampleId :

B-07-SB01

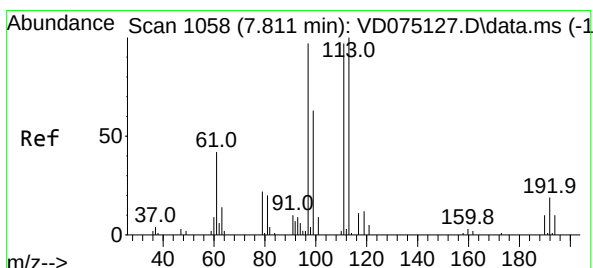
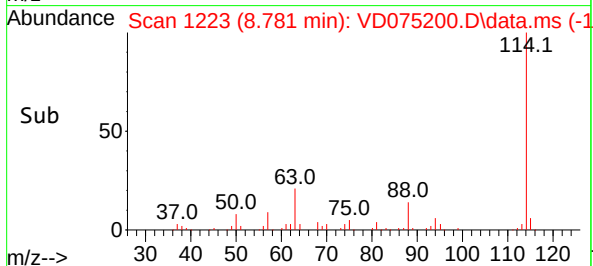
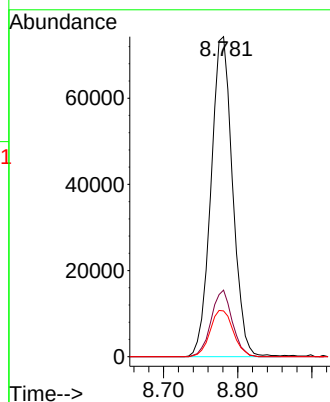
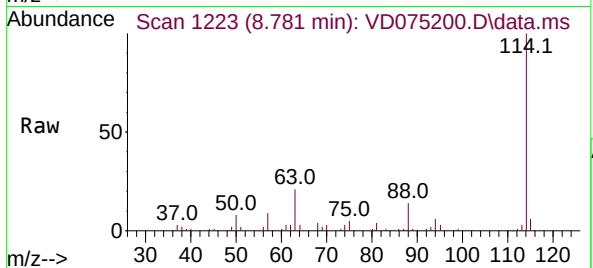
Tgt Ion:114 Resp: 150271

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.2

88 14.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 51.926 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD075200.D

Acq: 25 Jan 2023 13:13

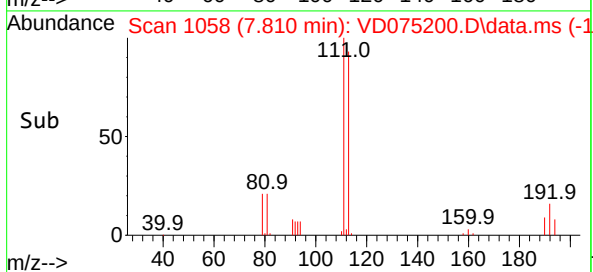
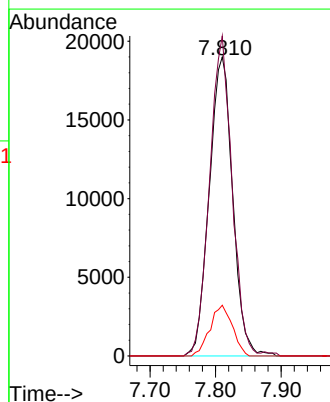
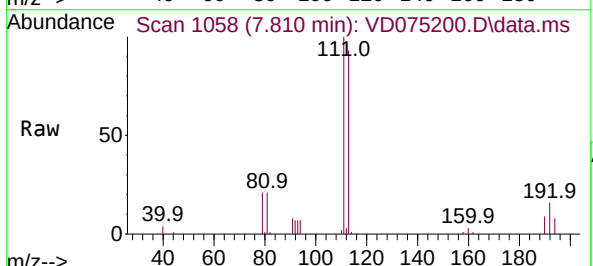
Tgt Ion:113 Resp: 47151

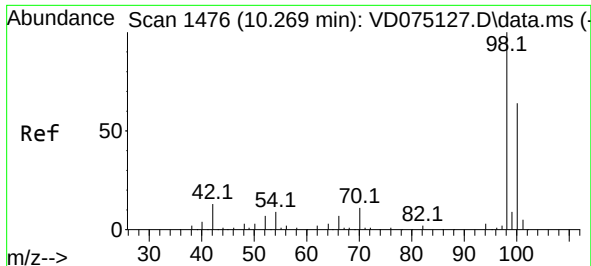
Ion Ratio Lower Upper

113 100

111 102.2 80.1 120.1

192 16.2 15.4 23.0

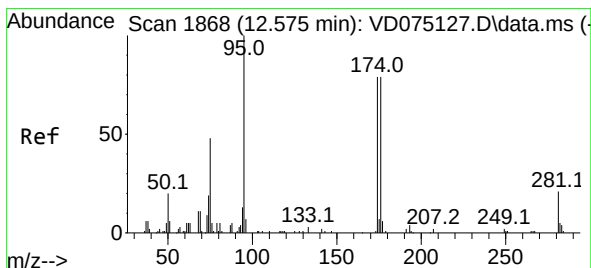
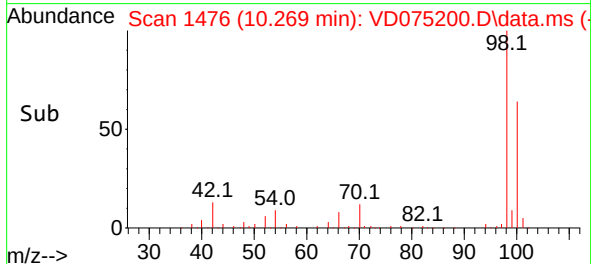
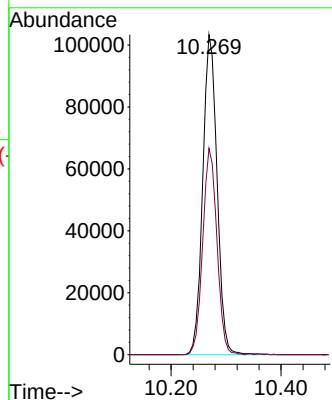
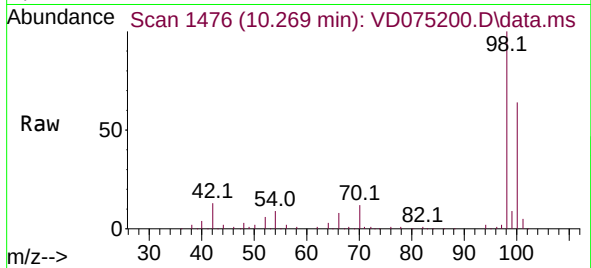




#50
Toluene-d8
Concen: 52.194 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075200.D
Acq: 25 Jan 2023 13:13

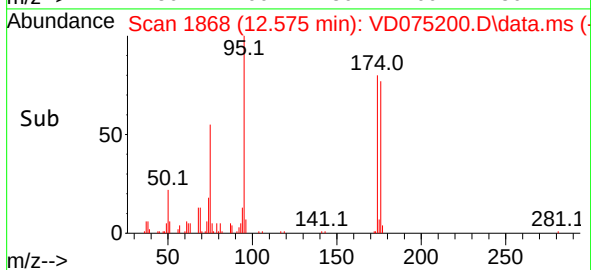
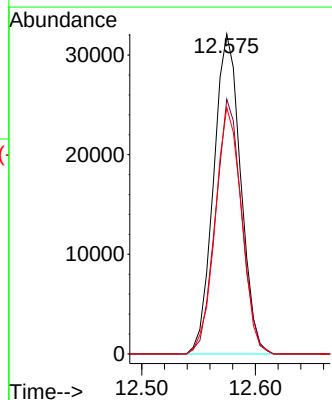
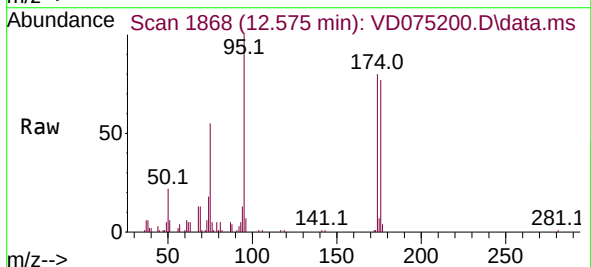
Instrument :
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B-07-SB01

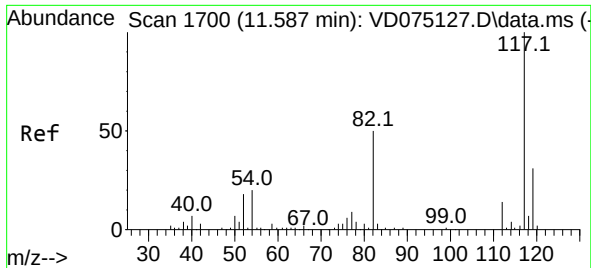
Tgt Ion: 98 Resp: 186611
Ion Ratio Lower Upper
98 100
100 64.0 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 46.659 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075200.D
Acq: 25 Jan 2023 13:13

Tgt Ion: 95 Resp: 52944
Ion Ratio Lower Upper
95 100
174 76.9 0.0 161.2
176 75.6 0.0 160.2

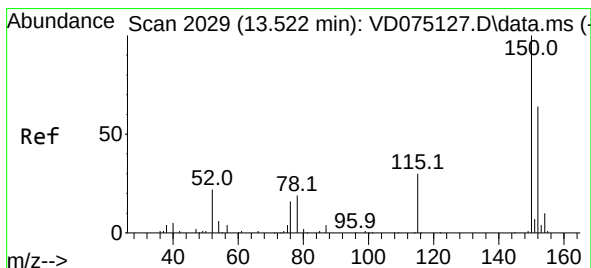
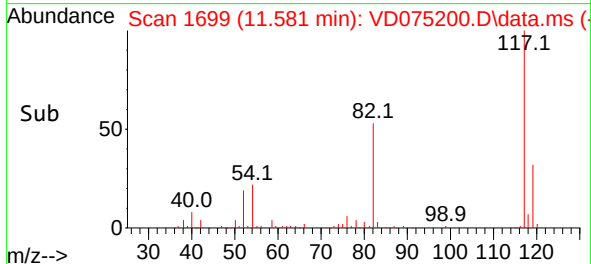
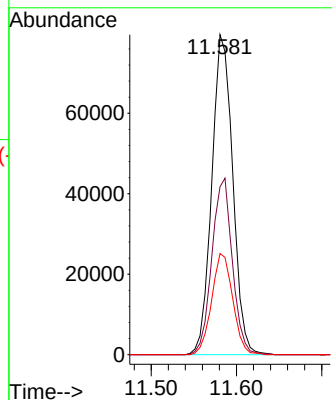
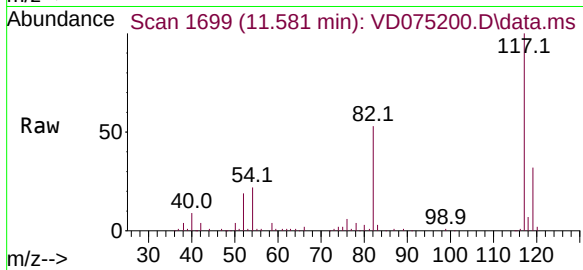




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075200.D
Acq: 25 Jan 2023 13:13

Instrument :
MSVOA_D
ClientSampleId :
B-07-SB01

Tgt Ion:117 Resp: 135825
Ion Ratio Lower Upper
117 100
82 52.5 39.6 59.4
119 31.6 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: VD075200.D
Acq: 25 Jan 2023 13:13

Tgt Ion:152 Resp: 50232
Ion Ratio Lower Upper
152 100
115 60.7 28.8 86.4
150 158.2 0.0 348.6

