

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021323\
 Data File : VD075327.D
 Acq On : 13 Feb 2023 14:54
 Operator : KP/SY
 Sample : 01529-07
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-0-2.0

Quant Time: Feb 14 01:22:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	25898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	47532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	50331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	23604	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	19375	63.802	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.600%
35) Dibromofluoromethane	7.804	113	16923	50.775	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.560%
50) Toluene-d8	10.269	98	60103	47.551	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.100%
62) 4-Bromofluorobenzene	12.575	95	21076	50.569	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.140%

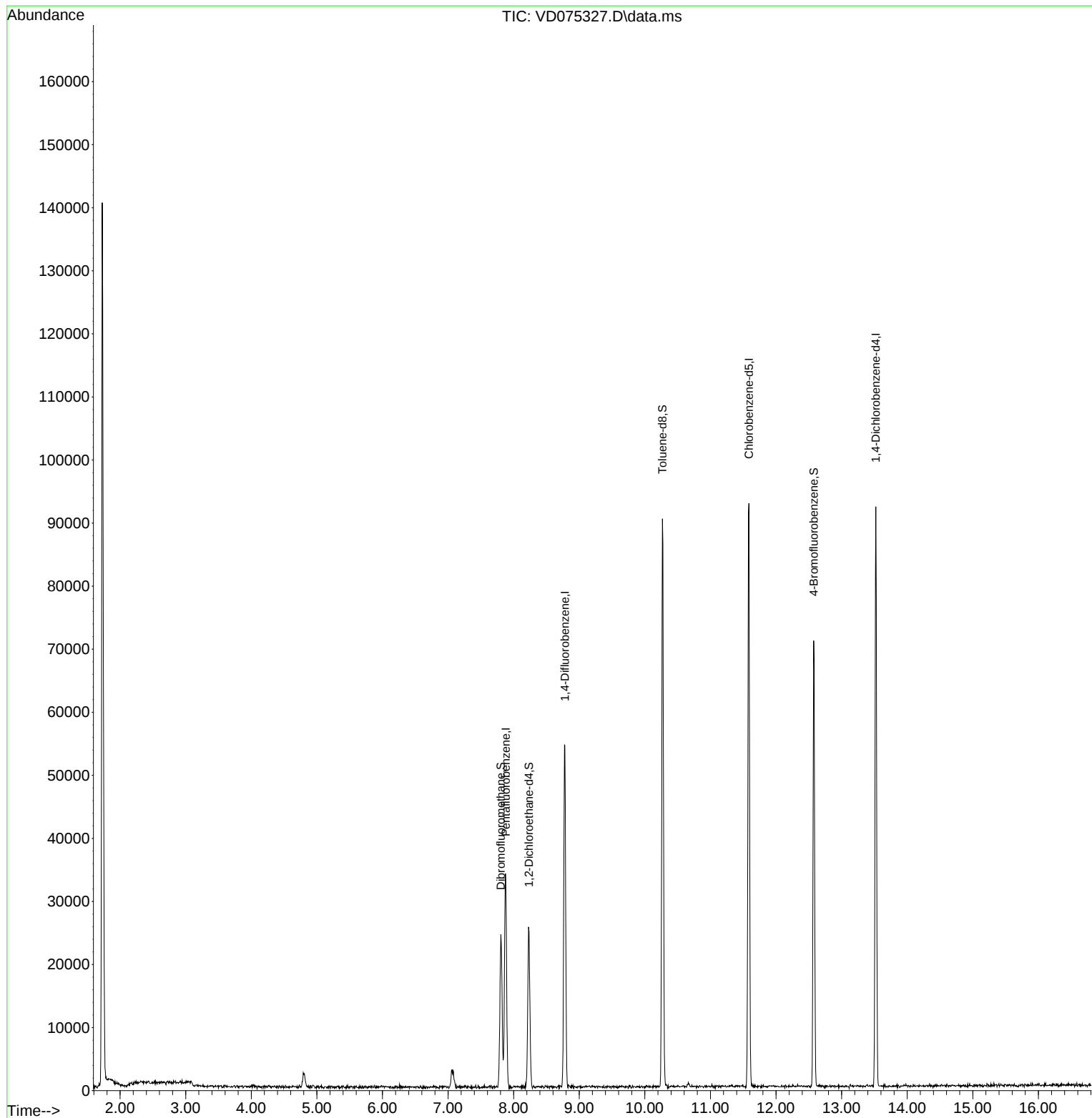
Target Compounds	Qvalue

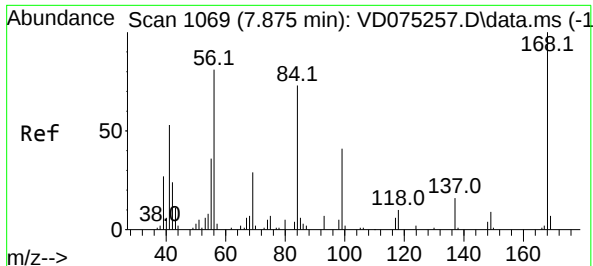
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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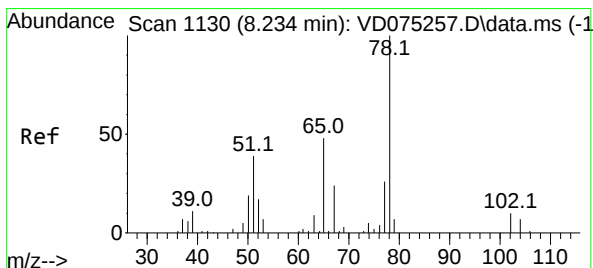
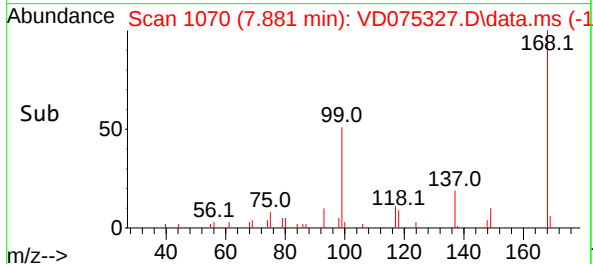
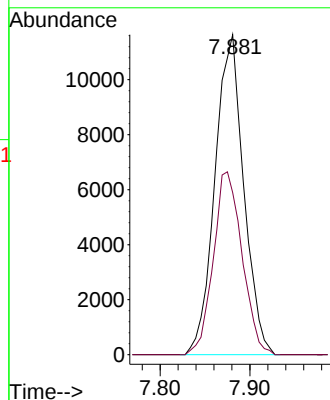
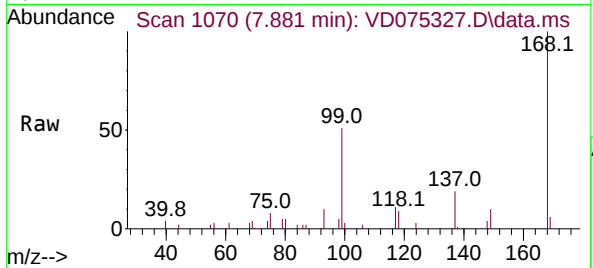




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075327.D
Acq: 13 Feb 2023 14:54

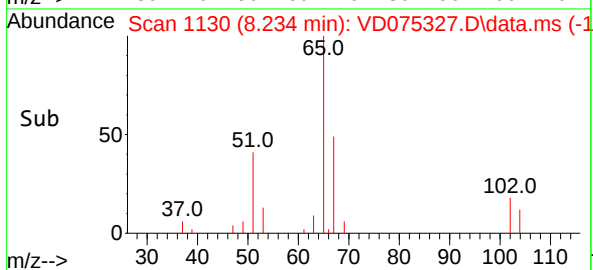
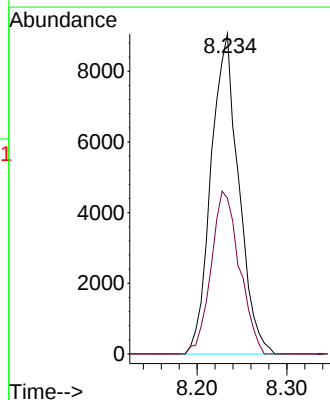
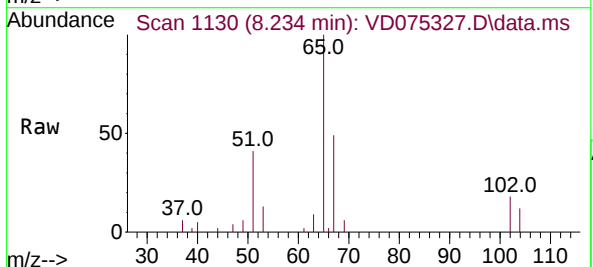
Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0

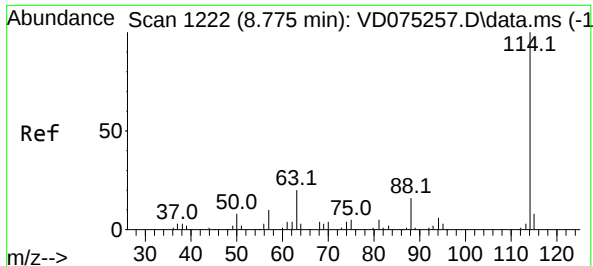
Tgt Ion:168 Resp: 25898
Ion Ratio Lower Upper
168 100
99 50.6 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 63.802 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075327.D
Acq: 13 Feb 2023 14:54

Tgt Ion: 65 Resp: 19375
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. 0.006 min

Lab File: VD075327.D

Acq: 13 Feb 2023 14:54

Instrument :

MSVOA_D

ClientSampleId :

SB-05-0-2.0

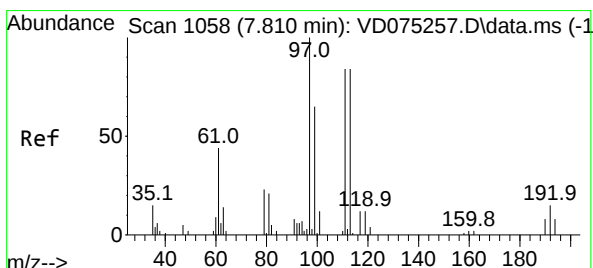
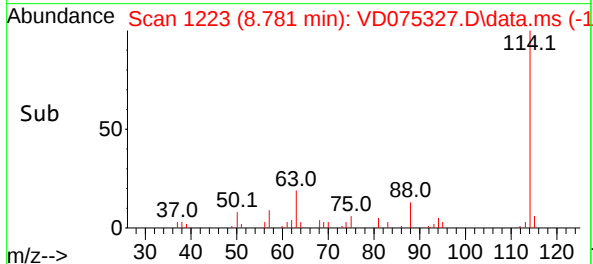
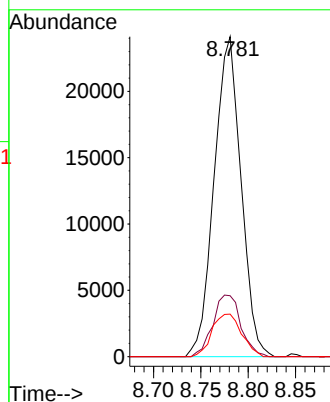
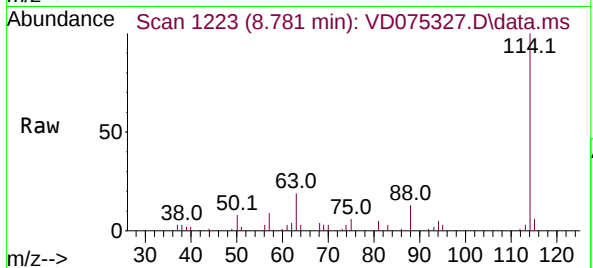
Tgt Ion:114 Resp: 47532

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.2

88 13.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 50.775 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075327.D

Acq: 13 Feb 2023 14:54

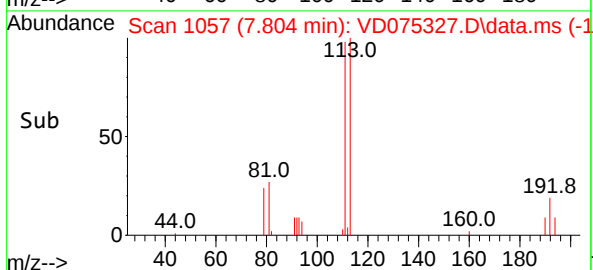
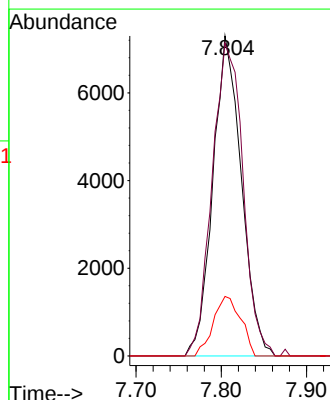
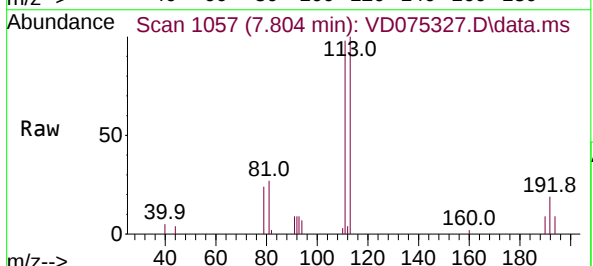
Tgt Ion:113 Resp: 16923

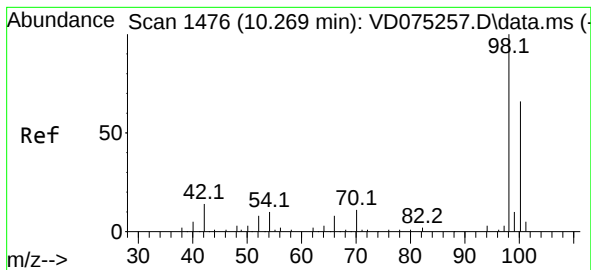
Ion Ratio Lower Upper

113 100

111 105.9 80.1 120.1

192 17.9 15.4 23.0





#50

Toluene-d8

Concen: 47.551 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075327.D

Acq: 13 Feb 2023 14:54

Instrument :

MSVOA_D

ClientSampleId :

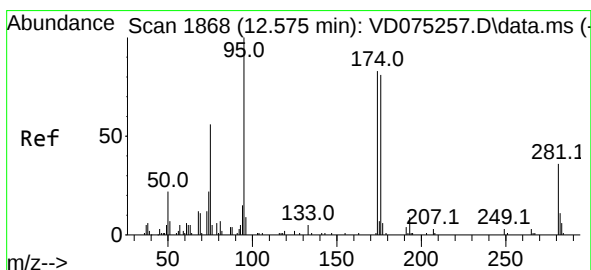
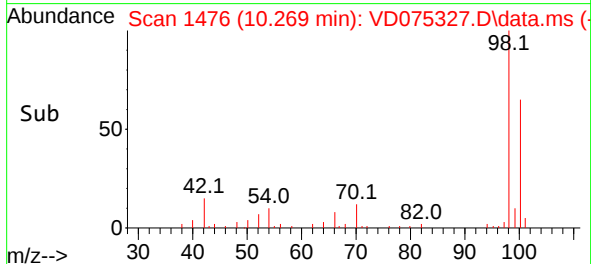
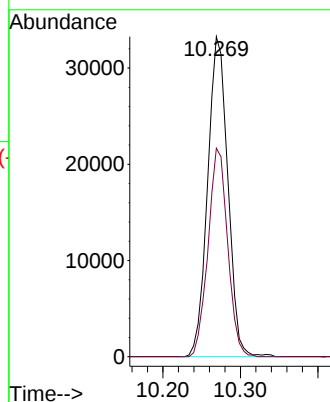
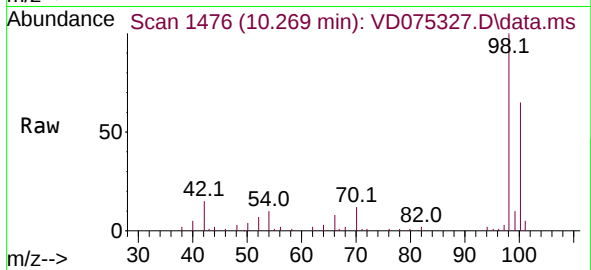
SB-05-0-2.0

Tgt Ion: 98 Resp: 60103

Ion Ratio Lower Upper

98 100

100 63.1 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 50.569 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075327.D

Acq: 13 Feb 2023 14:54

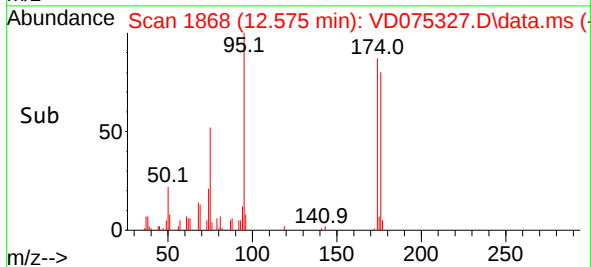
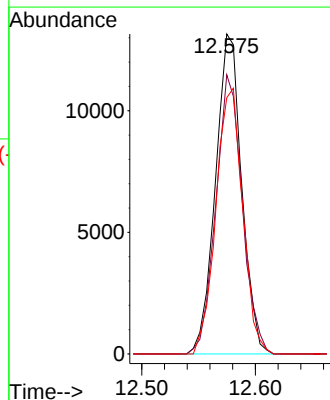
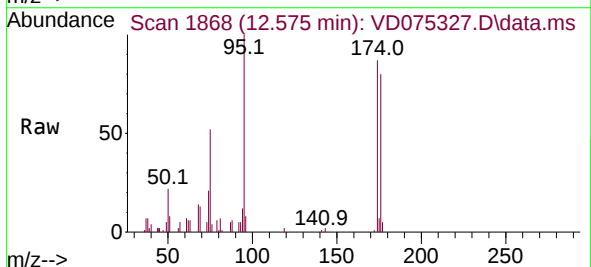
Tgt Ion: 95 Resp: 21076

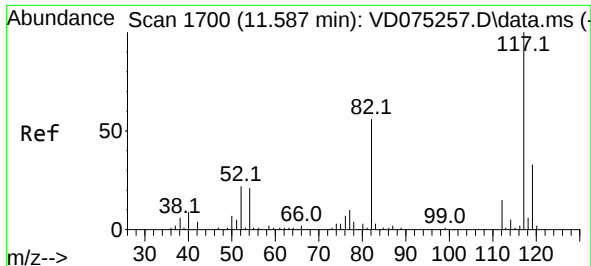
Ion Ratio Lower Upper

95 100

174 87.8 0.0 161.2

176 84.9 0.0 160.2

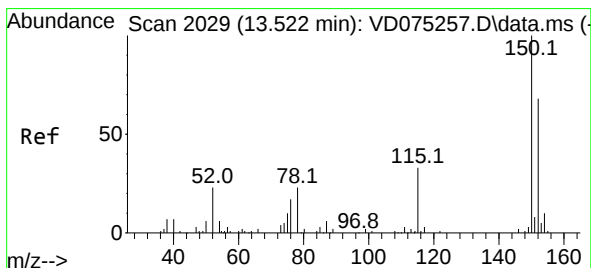
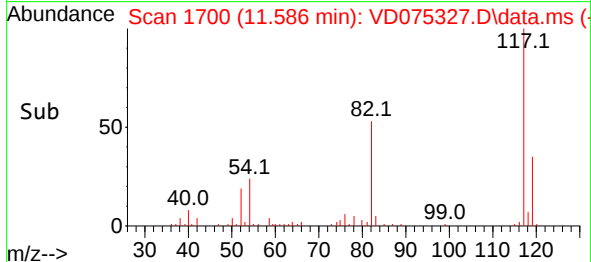
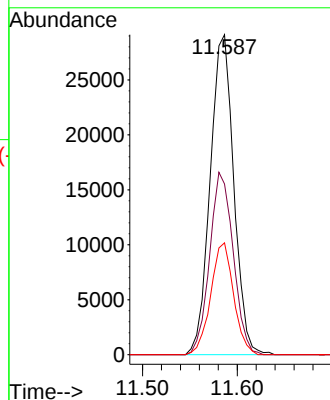
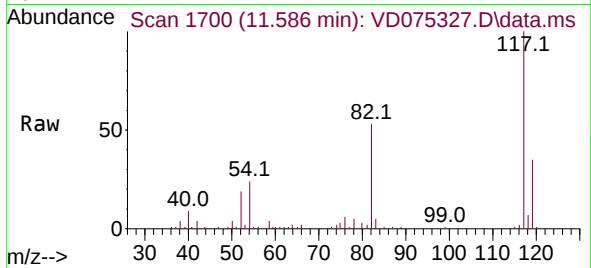




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD075327.D
Acq: 13 Feb 2023 14:54

Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0

Tgt Ion:117 Resp: 50331
Ion Ratio Lower Upper
117 100
82 53.4 39.6 59.4
119 35.0 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: VD075327.D
Acq: 13 Feb 2023 14:54

Tgt Ion:152 Resp: 23604
Ion Ratio Lower Upper
152 100
115 59.2 28.8 86.4
150 158.8 0.0 348.6

