

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021323\
 Data File : VD075328.D
 Acq On : 13 Feb 2023 15:22
 Operator : KP/SY
 Sample : 01529-08
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-5.0-7.0

Quant Time: Feb 14 01:23:45 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	63667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	114242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	112424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	46928	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	32393	43.390	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.780%
35) Dibromofluoromethane	7.810	113	35438	44.239	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.480%
50) Toluene-d8	10.269	98	142371	46.865	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.720%
62) 4-Bromofluorobenzene	12.575	95	44466	44.390	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.780%

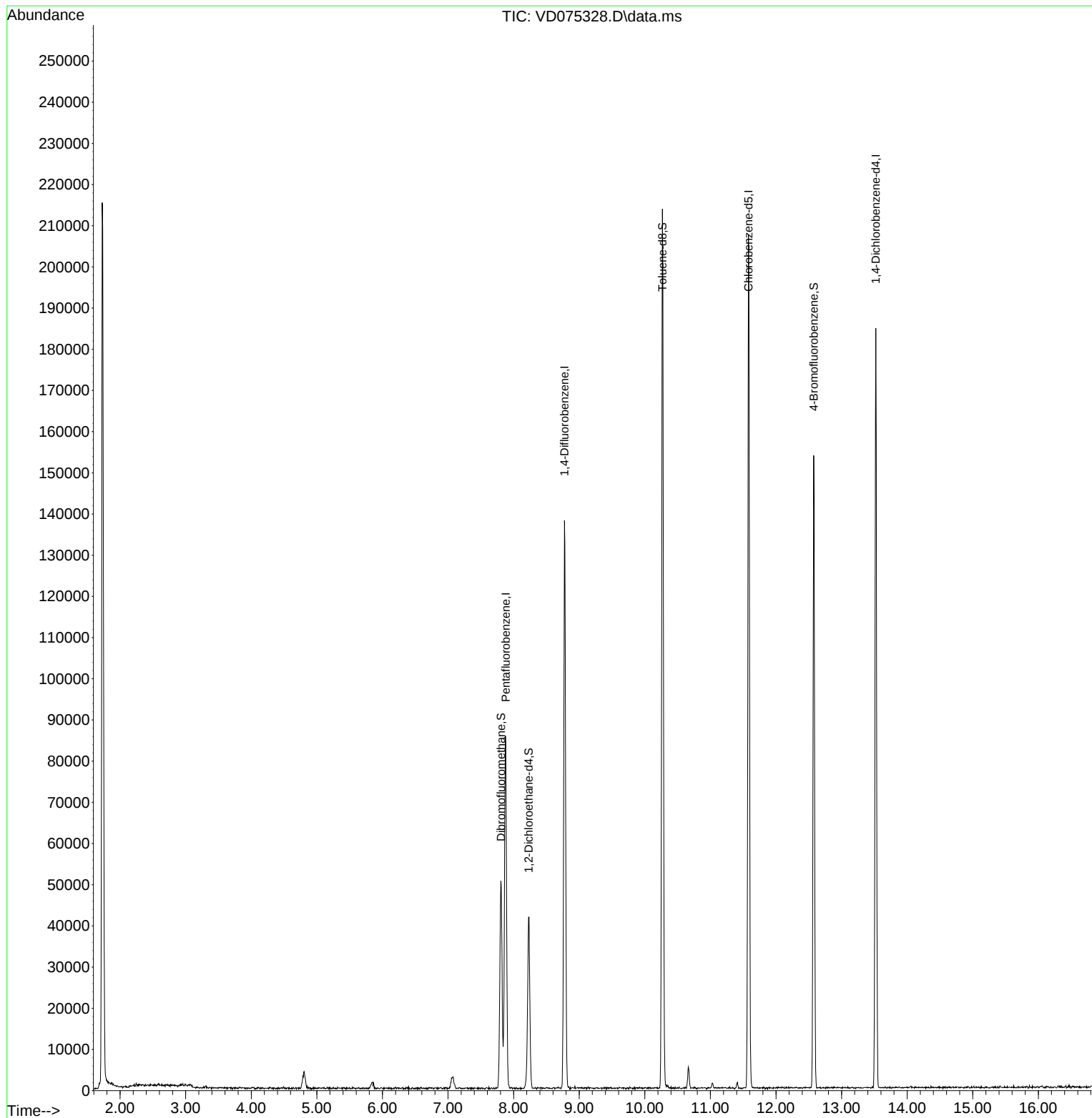
Target Compounds	Qvalue

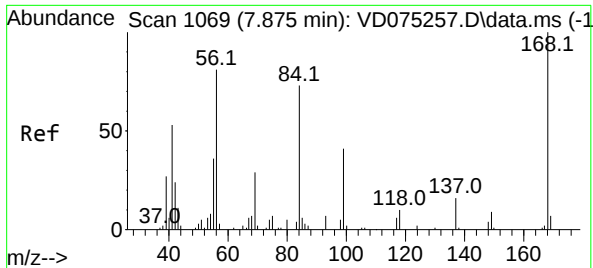
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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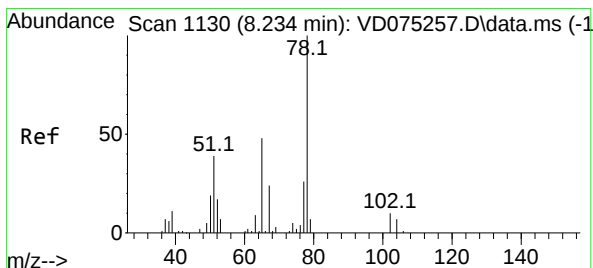
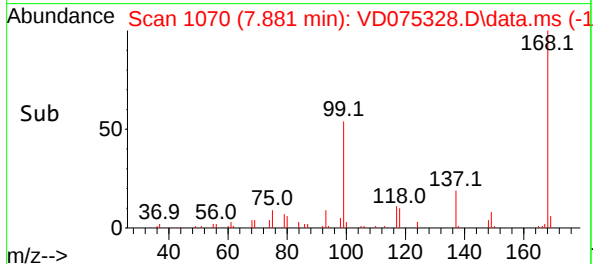
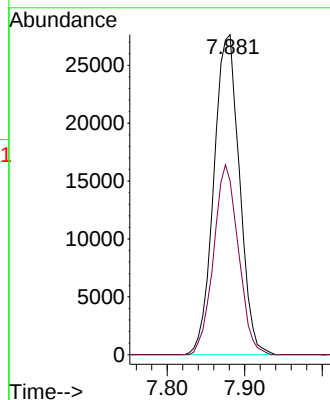
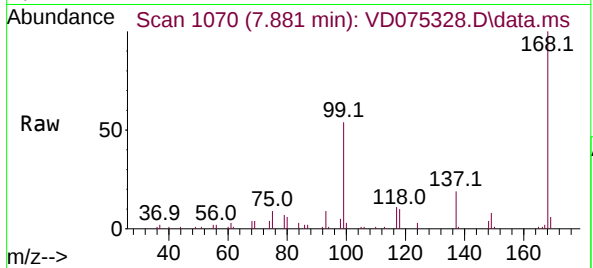




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD075328.D
Acq: 13 Feb 2023 15:22

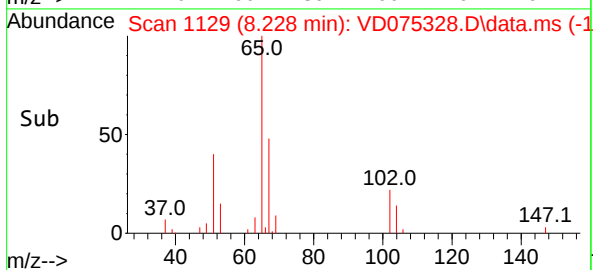
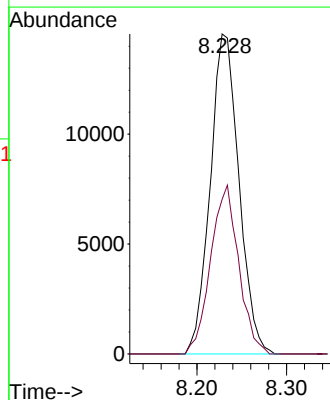
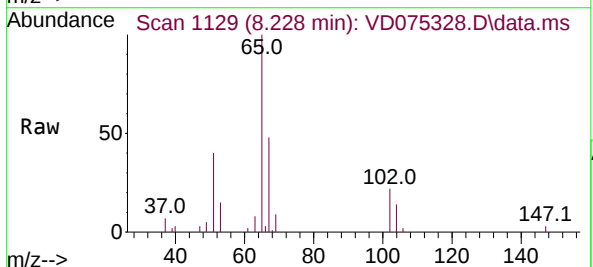
Instrument :
MSVOA_D
ClientSampleId :
SB-05-5.0-7.0

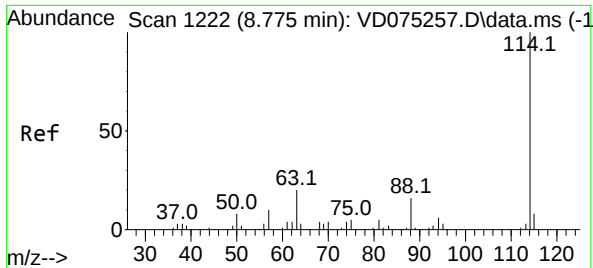
Tgt Ion:168 Resp: 63667
Ion Ratio Lower Upper
168 100
99 54.2 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 43.390 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075328.D
Acq: 13 Feb 2023 15:22

Tgt Ion: 65 Resp: 32393
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075328.D

Acq: 13 Feb 2023 15:22

Instrument :

MSVOA_D

ClientSampleId :

SB-05-5.0-7.0

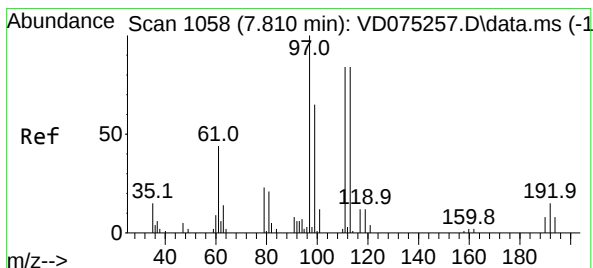
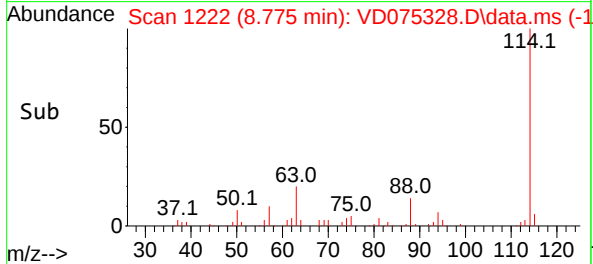
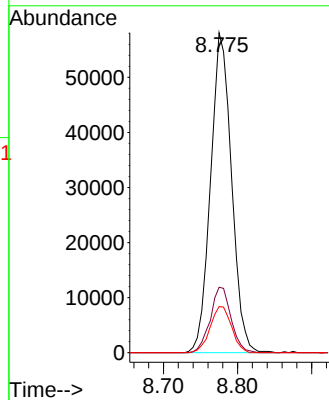
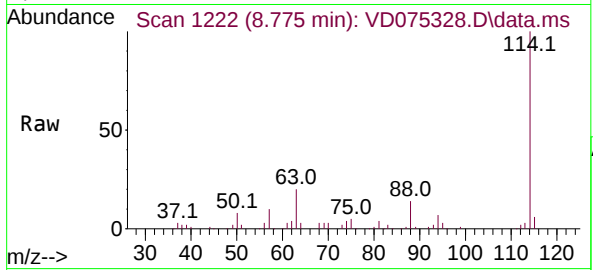
Tgt Ion:114 Resp: 114242

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.2

88 14.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 44.239 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075328.D

Acq: 13 Feb 2023 15:22

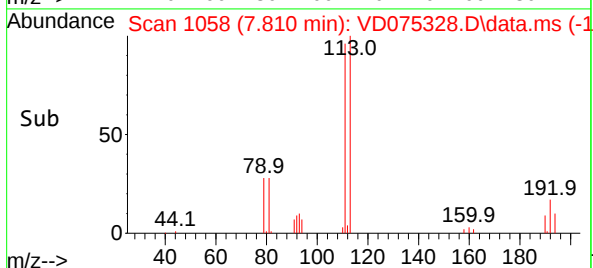
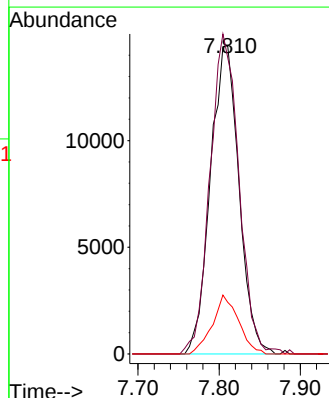
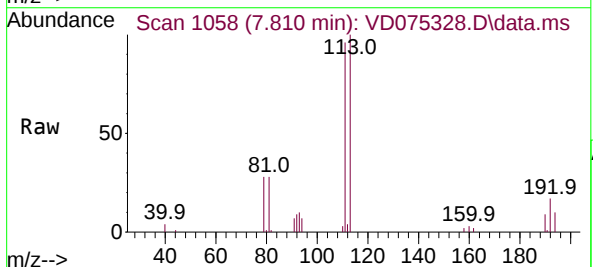
Tgt Ion:113 Resp: 35438

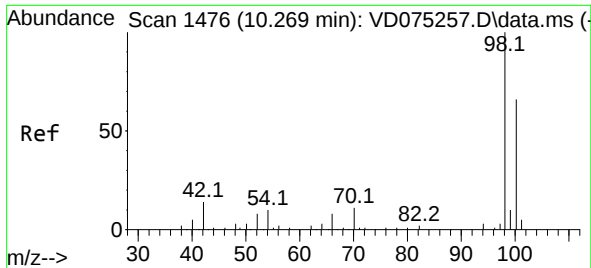
Ion Ratio Lower Upper

113 100

111 104.8 80.1 120.1

192 17.5 15.4 23.0

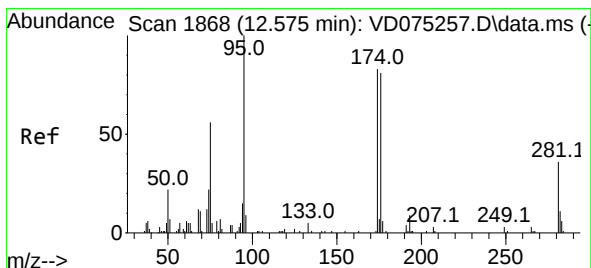
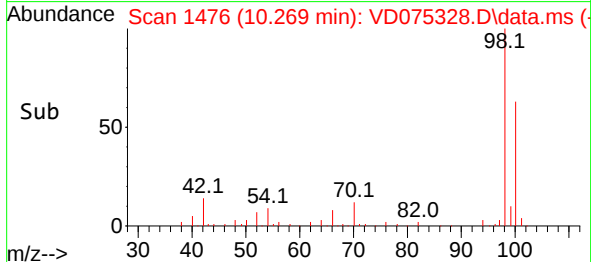
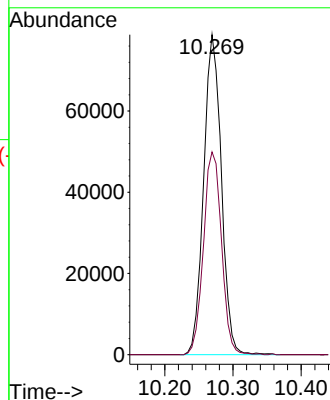
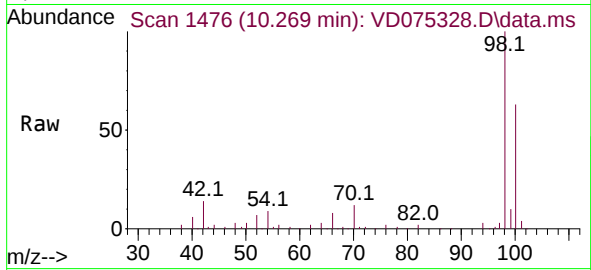




#50
Toluene-d8
Concen: 46.865 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075328.D
Acq: 13 Feb 2023 15:22

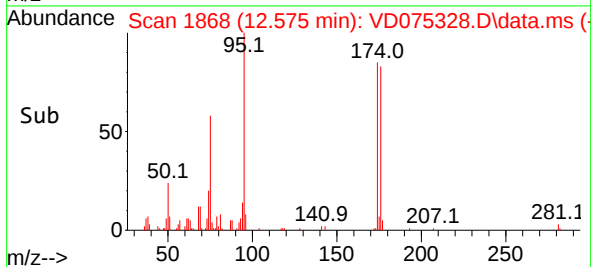
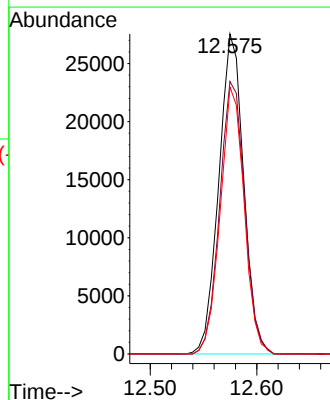
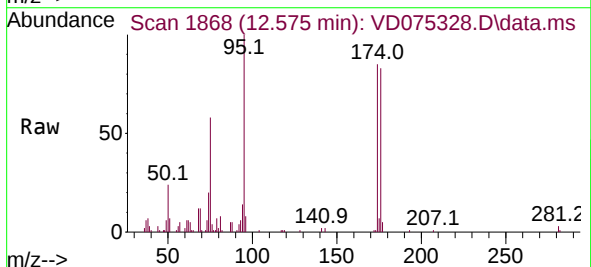
Instrument :
MSVOA_D
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SB-05-5.0-7.0

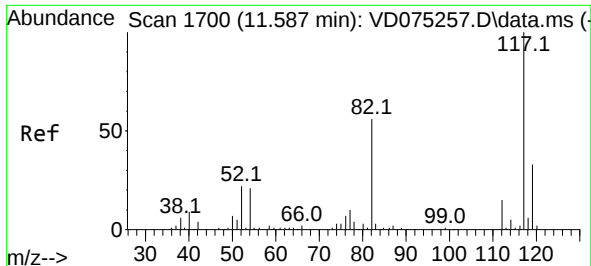
Tgt Ion: 98 Resp: 142371
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 44.390 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075328.D
Acq: 13 Feb 2023 15:22

Tgt Ion: 95 Resp: 44466
Ion Ratio Lower Upper
95 100
174 86.2 0.0 161.2
176 80.7 0.0 160.2

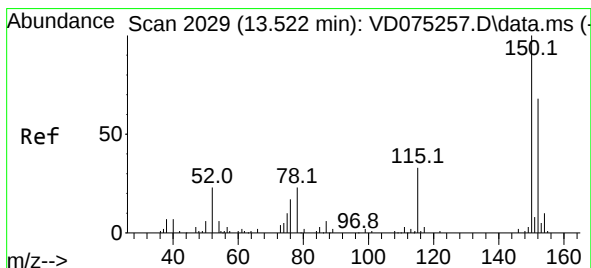
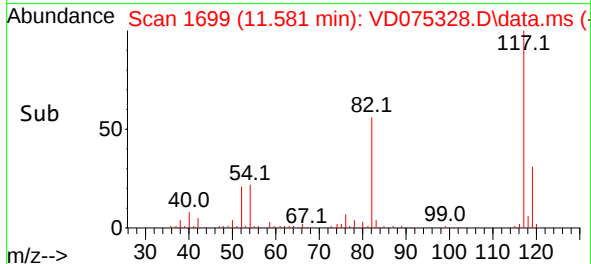
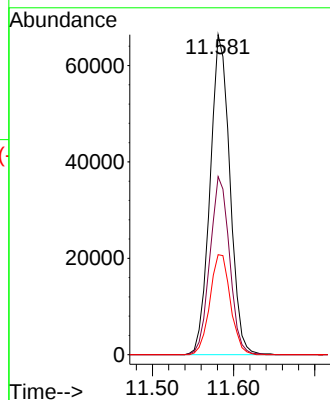
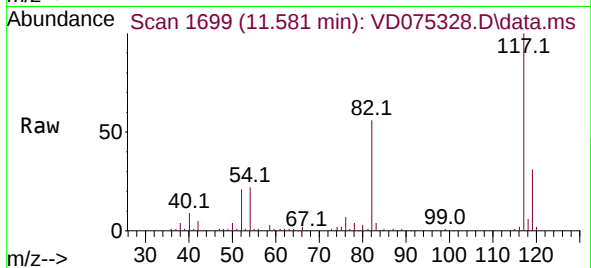




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075328.D
Acq: 13 Feb 2023 15:22

Instrument :
MSVOA_D
ClientSampleId :
SB-05-5.0-7.0

Tgt Ion:117 Resp: 112424
Ion Ratio Lower Upper
117 100
82 55.6 39.6 59.4
119 31.3 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: VD075328.D
Acq: 13 Feb 2023 15:22

Tgt Ion:152 Resp: 46928
Ion Ratio Lower Upper
152 100
115 57.0 28.8 86.4
150 156.6 0.0 348.6

