

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112122\
 Data File : VD075002.D
 Acq On : 21 Nov 2022 14:29
 Operator : VA/SY
 Sample : N5697-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-03-111722

Quant Time: Nov 22 00:18:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	167066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	302685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	276172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	117845	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	78834	73.841	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.680%
35) Dibromofluoromethane	7.810	113	118403	63.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.920%
50) Toluene-d8	10.269	98	363876	59.204	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	118.400%
62) 4-Bromofluorobenzene	12.575	95	107569	56.997	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.000%

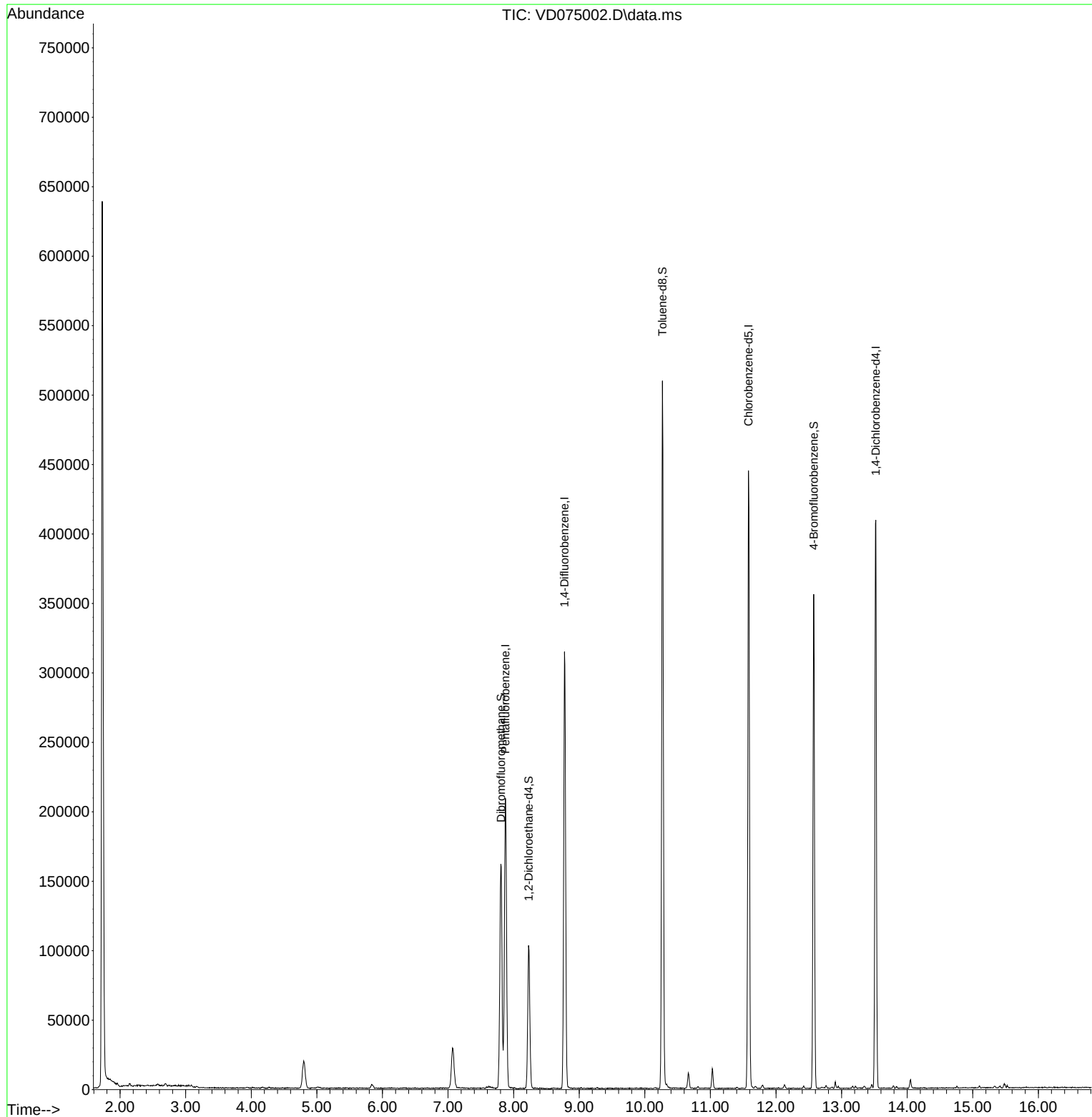
Target Compounds	Qvalue

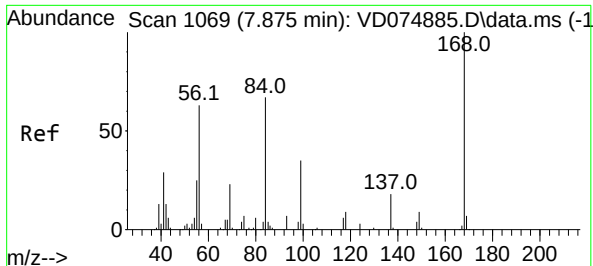
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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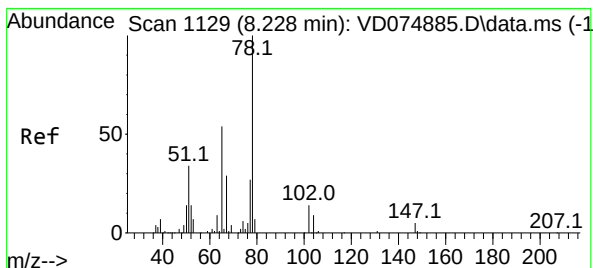
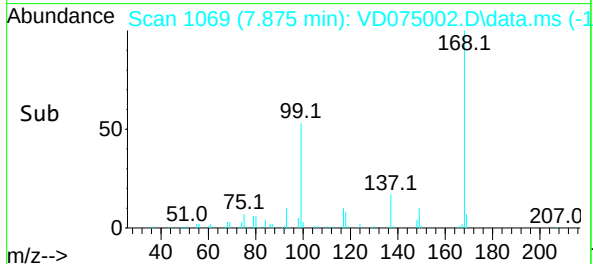
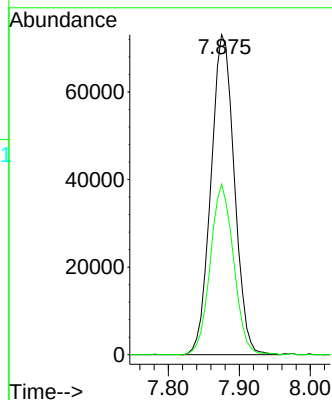
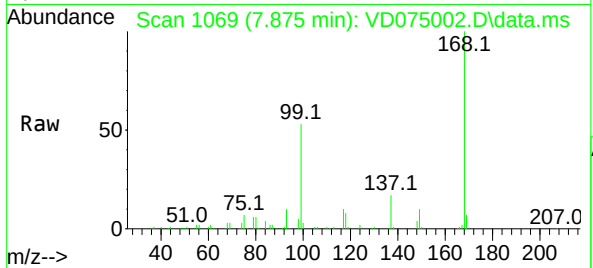




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075002.D
Acq: 21 Nov 2022 14:29

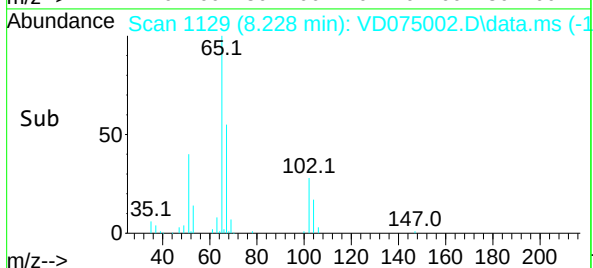
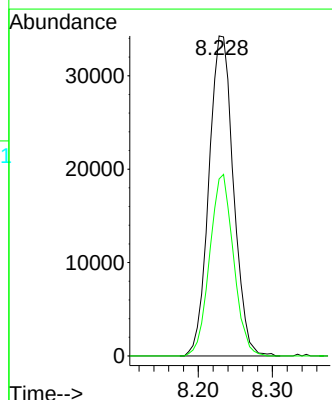
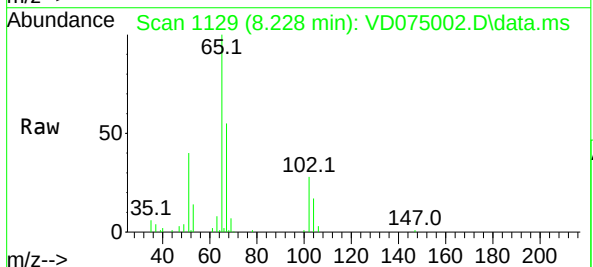
Instrument :
MSVOA_D
ClientSampleId :
SU-03-111722

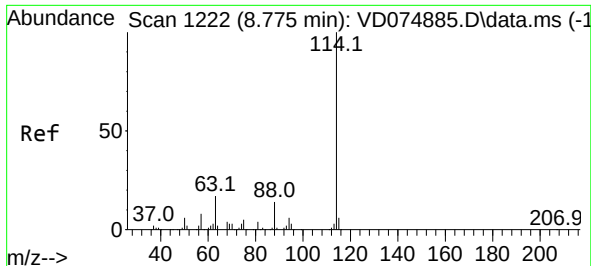
Tgt Ion:168 Resp: 167066
Ion Ratio Lower Upper
168 100
99 53.3 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 73.841 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD075002.D
Acq: 21 Nov 2022 14:29

Tgt Ion: 65 Resp: 78834
Ion Ratio Lower Upper
65 100
67 55.1 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075002.D

Acq: 21 Nov 2022 14:29

Instrument :

MSVOA_D

ClientSampleId :

SU-03-111722

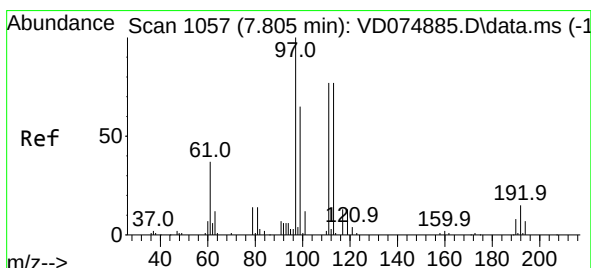
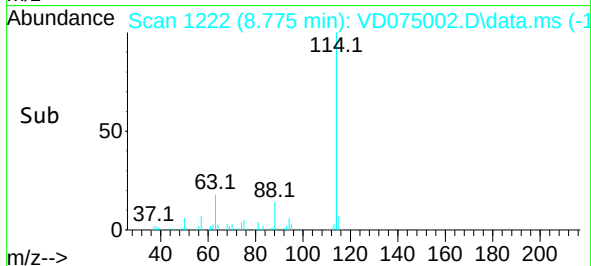
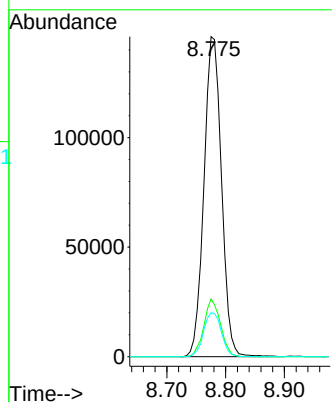
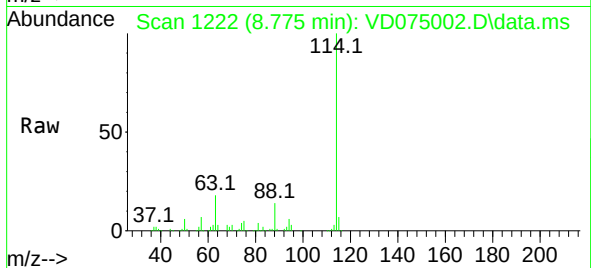
Tgt Ion:114 Resp: 302685

Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.2

88 13.8 0.0 28.2



#35

Dibromofluoromethane

Concen: 63.458 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD075002.D

Acq: 21 Nov 2022 14:29

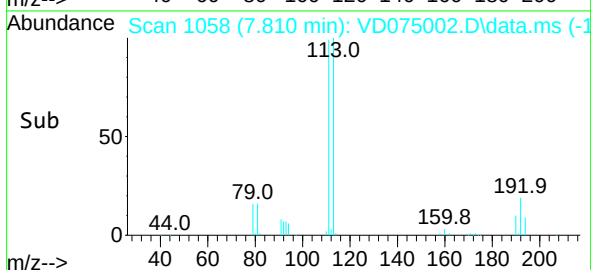
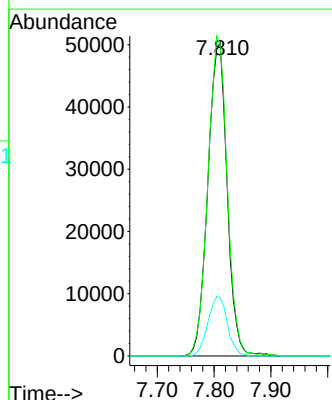
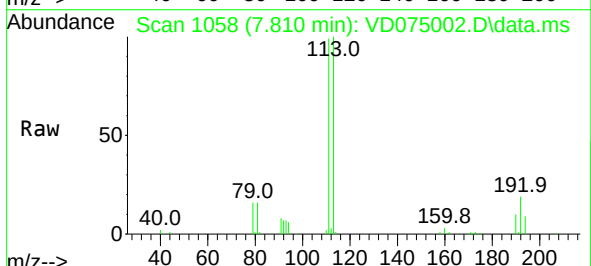
Tgt Ion:113 Resp: 118403

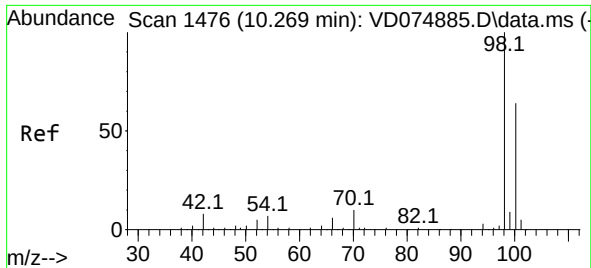
Ion Ratio Lower Upper

113 100

111 102.6 82.3 123.5

192 19.2 16.4 24.6

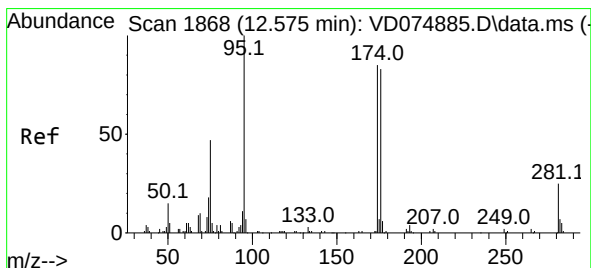
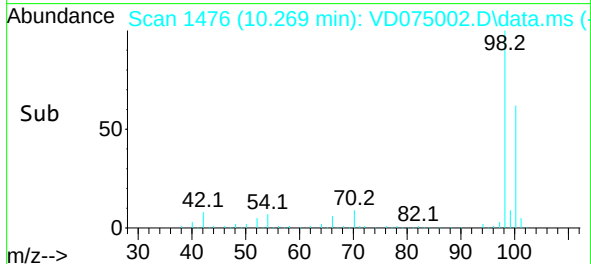
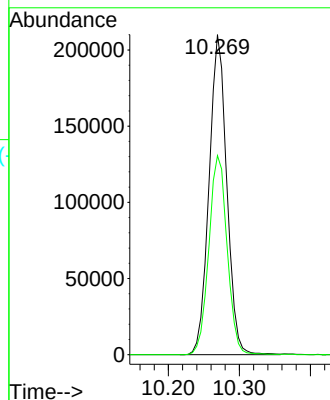
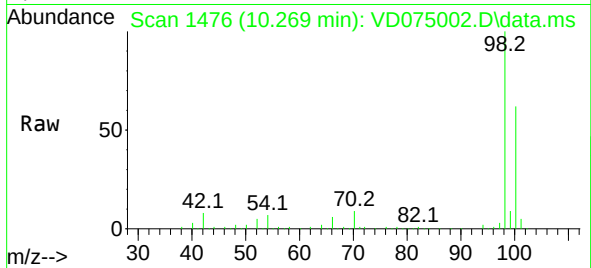




#50
Toluene-d8
Concen: 59.204 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075002.D
Acq: 21 Nov 2022 14:29

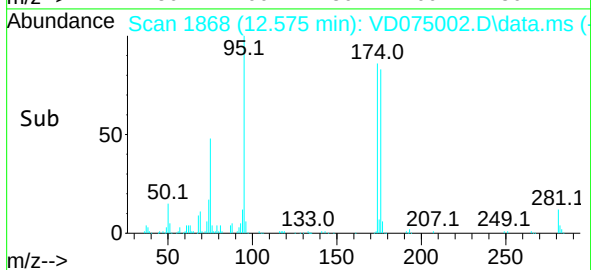
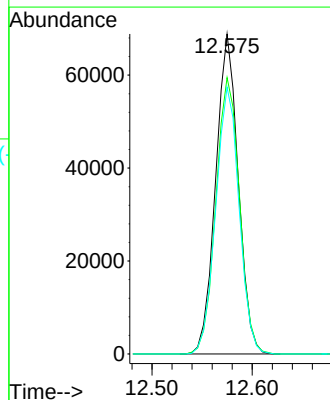
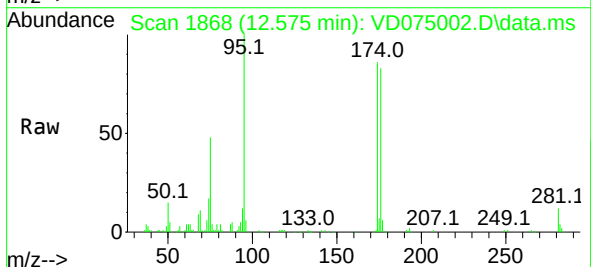
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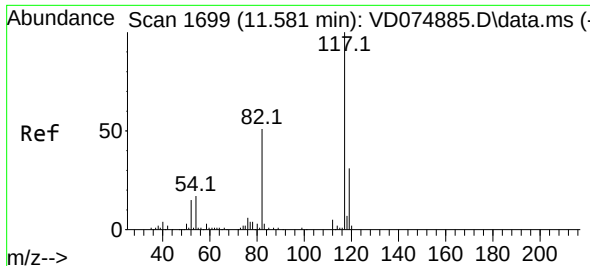
Tgt Ion: 98 Resp: 363876
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 56.997 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075002.D
Acq: 21 Nov 2022 14:29

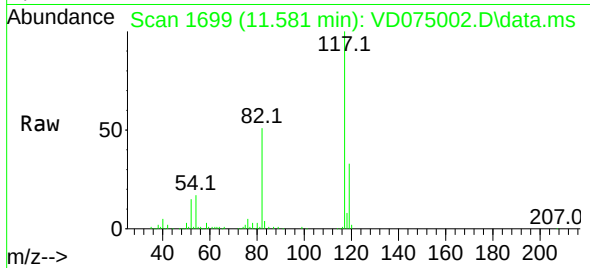
Tgt Ion: 95 Resp: 107569
Ion Ratio Lower Upper
95 100
174 90.4 0.0 197.0
176 86.0 0.0 182.6



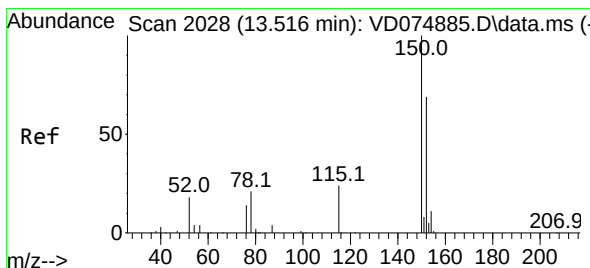
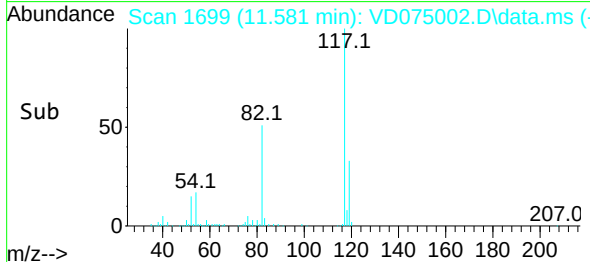
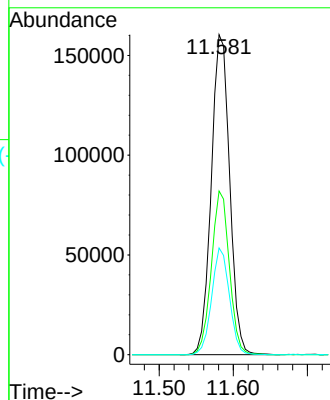


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075002.D
Acq: 21 Nov 2022 14:29

Instrument :
MSVOA_D
ClientSampleId :
SU-03-111722



Tgt Ion:117 Resp: 276172
Ion Ratio Lower Upper
117 100
82 51.2 41.6 62.4
119 33.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD075002.D
Acq: 21 Nov 2022 14:29

Tgt Ion:152 Resp: 117845
Ion Ratio Lower Upper
152 100
115 55.8 26.8 80.4
150 159.1 0.0 348.2

