

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075732.D
 Acq On : 18 Apr 2023 17:44
 Operator : KP/SY
 Sample : 02270-18
 Misc : 5.37G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-31-0-2-20230412

Quant Time: Apr 19 01:24:35 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	212342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	470101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	337835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	117318	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	116098	57.602	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.200%
35) Dibromofluoromethane	7.810	113	139818	44.220	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.440%
50) Toluene-d8	10.269	98	512455	40.472	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.940%
62) 4-Bromofluorobenzene	12.575	95	109521	32.542	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.080%

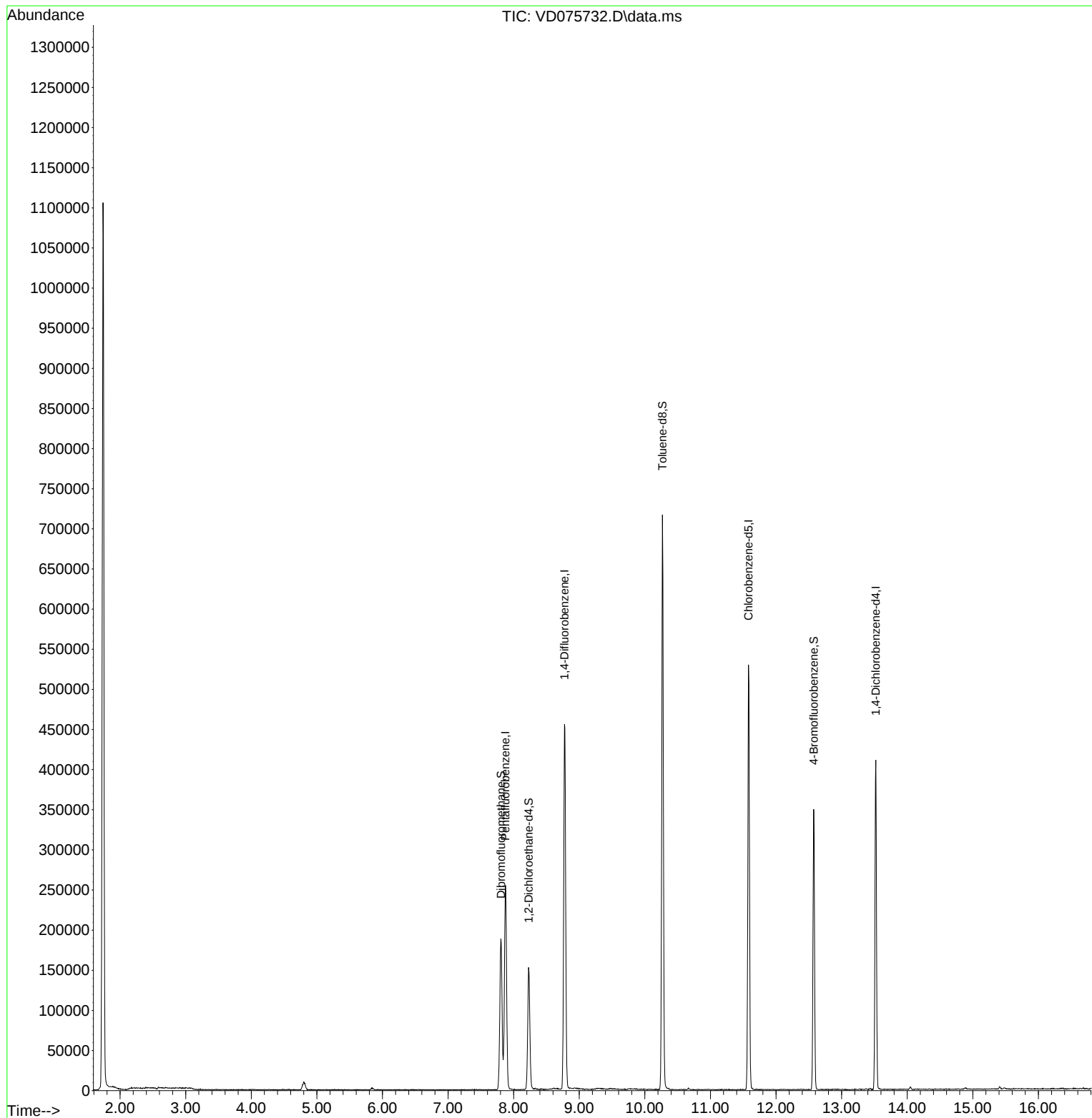
Target Compounds	Qvalue

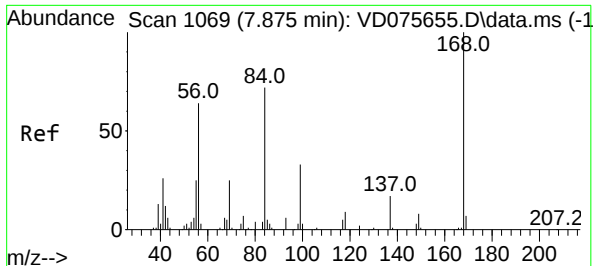
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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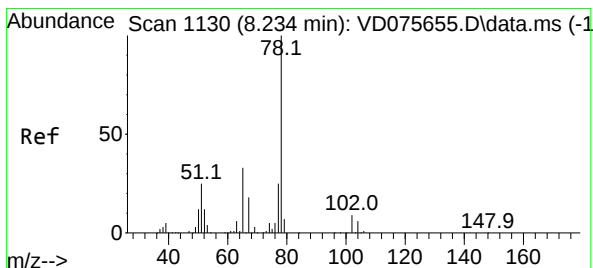
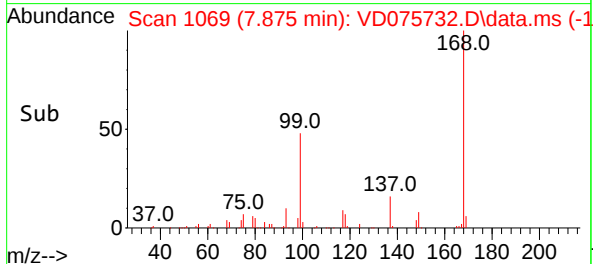
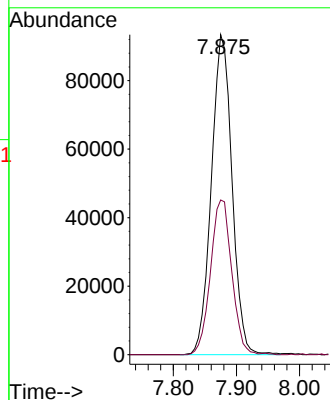
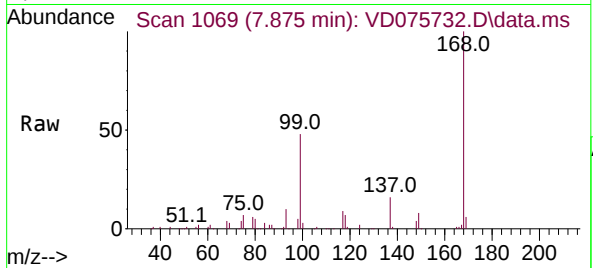




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD075732.D
Acq: 18 Apr 2023 17:44

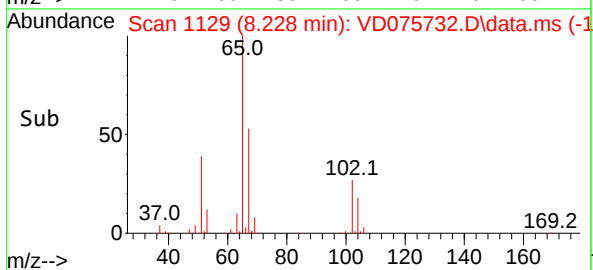
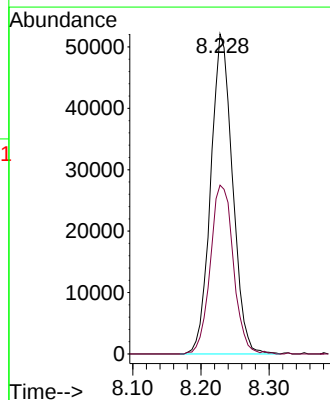
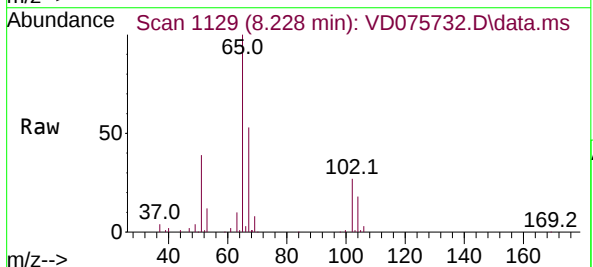
Instrument :
MSVOA_D
ClientSampleId :
SB-31-0-2-20230412

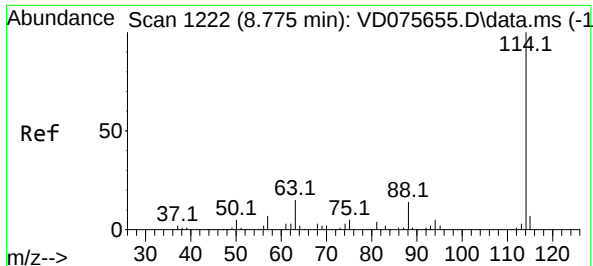
Tgt Ion:168 Resp: 212342
Ion Ratio Lower Upper
168 100
99 48.4 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 57.602 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075732.D
Acq: 18 Apr 2023 17:44

Tgt Ion: 65 Resp: 116098
Ion Ratio Lower Upper
65 100
67 55.7 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075732.D

Acq: 18 Apr 2023 17:44

Instrument :

MSVOA_D

ClientSampleId :

SB-31-0-2-20230412

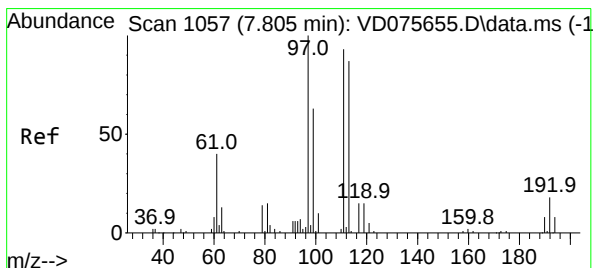
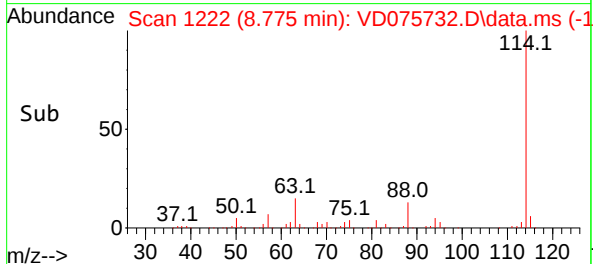
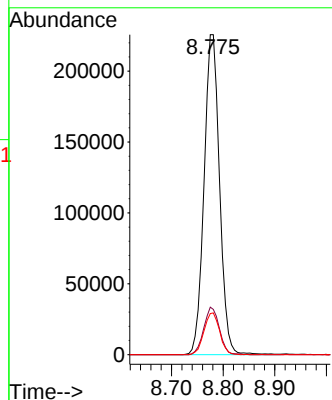
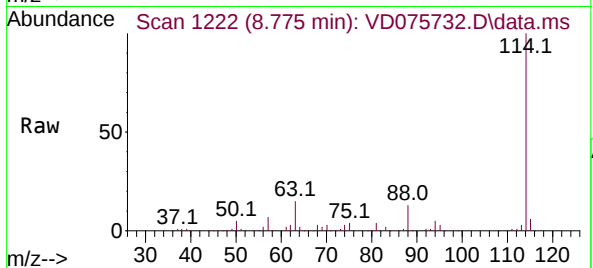
Tgt Ion:114 Resp: 470101

Ion Ratio Lower Upper

114 100

63 14.8 0.0 41.6

88 12.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 44.220 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD075732.D

Acq: 18 Apr 2023 17:44

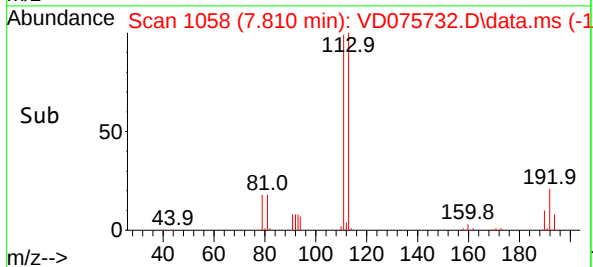
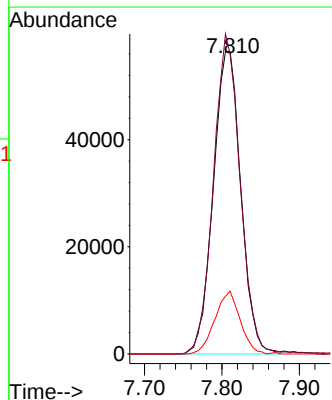
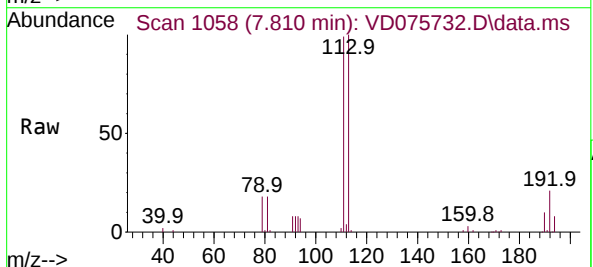
Tgt Ion:113 Resp: 139818

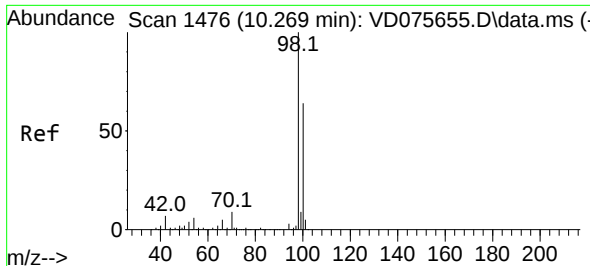
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 19.0 15.2 22.8

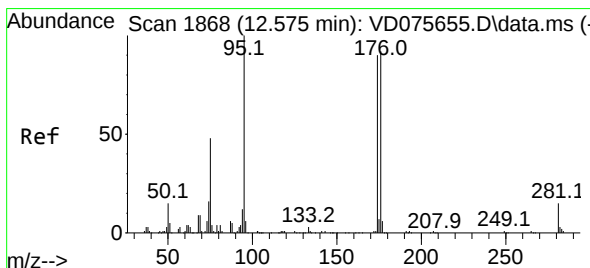
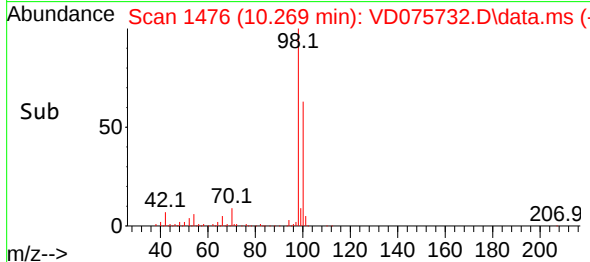
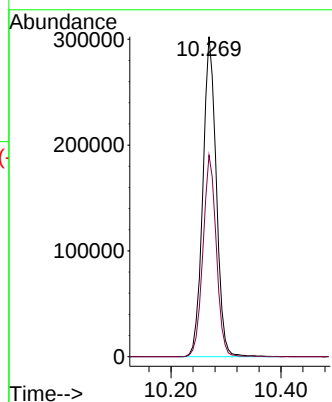
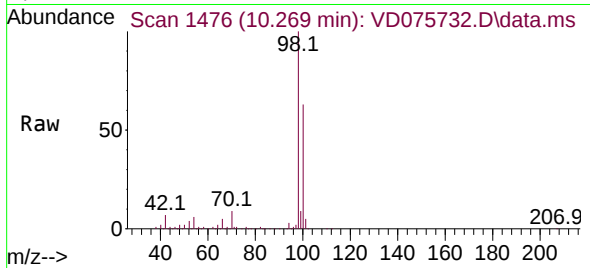




#50
Toluene-d8
Concen: 40.472 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075732.D
Acq: 18 Apr 2023 17:44

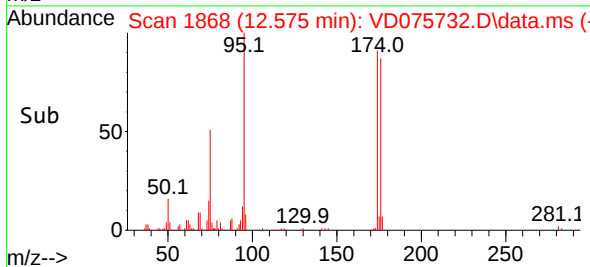
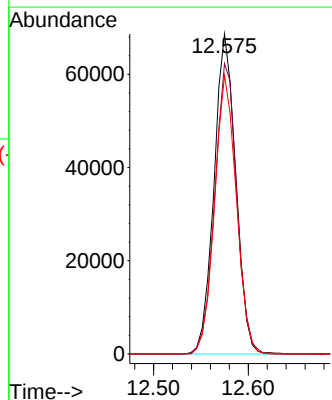
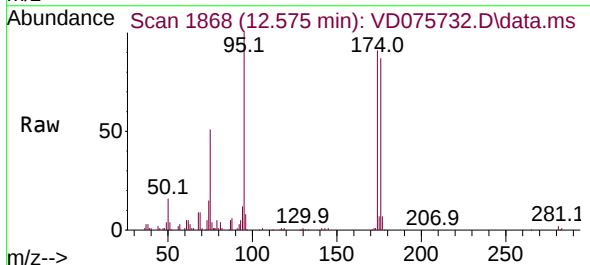
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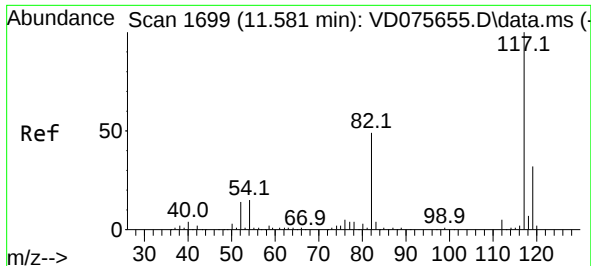
Tgt Ion: 98 Resp: 512455
Ion Ratio Lower Upper
98 100
100 62.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 32.542 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075732.D
Acq: 18 Apr 2023 17:44

Tgt Ion: 95 Resp: 109521
Ion Ratio Lower Upper
95 100
174 92.3 0.0 164.0
176 87.1 0.0 156.8

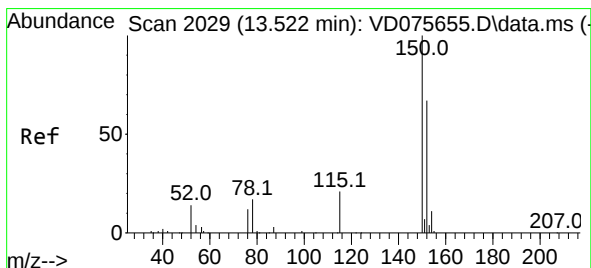
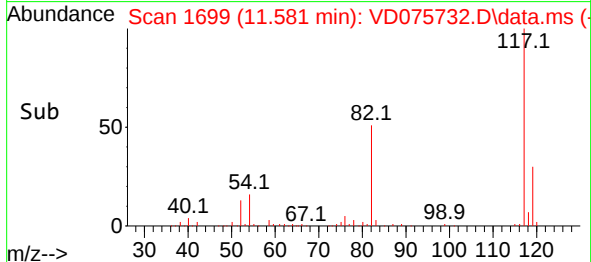
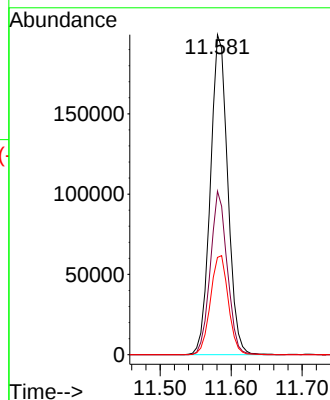
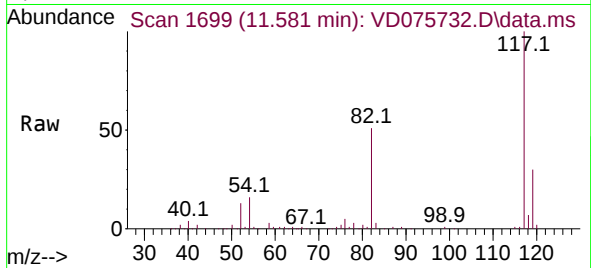




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075732.D
Acq: 18 Apr 2023 17:44

Instrument :
MSVOA_D
ClientSampleId :
SB-31-0-2-20230412

Tgt Ion:117 Resp: 337835
Ion Ratio Lower Upper
117 100
82 51.1 44.0 66.0
119 30.4 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: VD075732.D
Acq: 18 Apr 2023 17:44

Tgt Ion:152 Resp: 117318
Ion Ratio Lower Upper
152 100
115 54.6 30.1 90.3
150 156.7 0.0 364.8

