

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041923\
 Data File : VD075753.D
 Acq On : 19 Apr 2023 17:14
 Operator : KP/SY
 Sample : 02404-01RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-2-041823RE

Quant Time: Apr 20 06:01:29 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	7.869	168	2746	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	5106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	5538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	1834	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	2588	99.291	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	198.580%#
35) Dibromofluoromethane	7.804	113	2475	72.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	144.140%
50) Toluene-d8	10.269	98	6219	45.219	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.440%
62) 4-Bromofluorobenzene	12.575	95	1736	47.490	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.980%

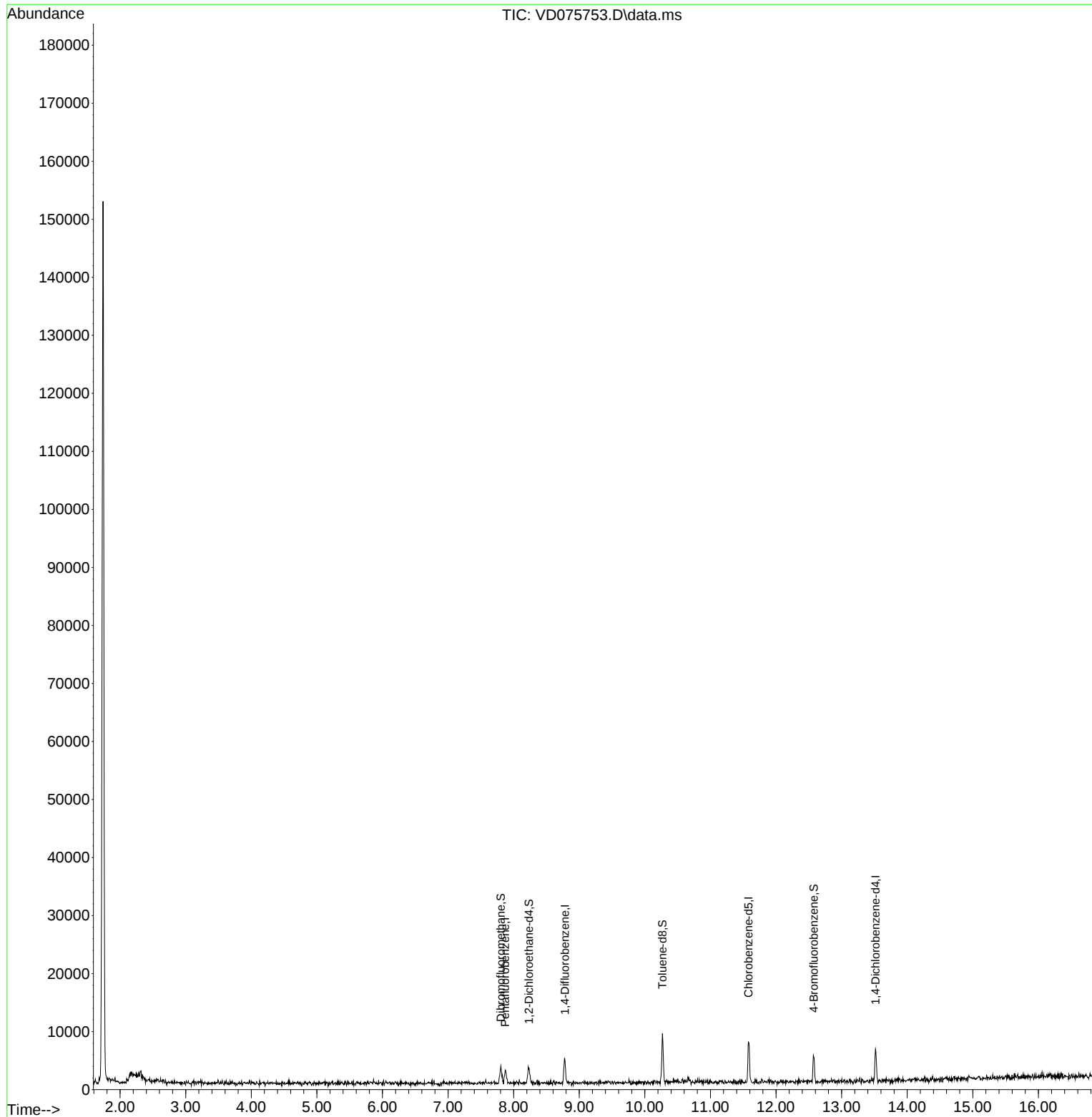
Target Compounds	Qvalue

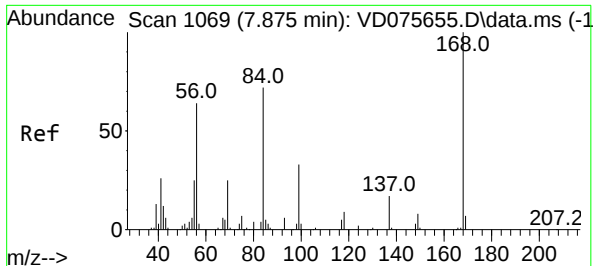
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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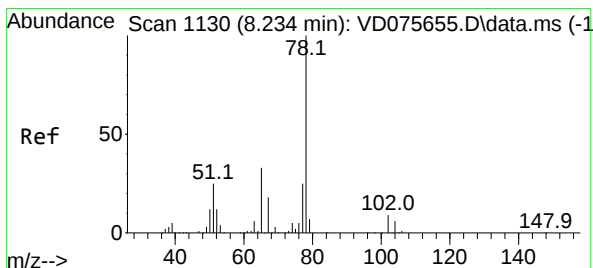
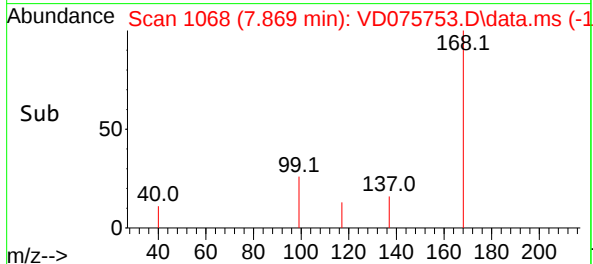
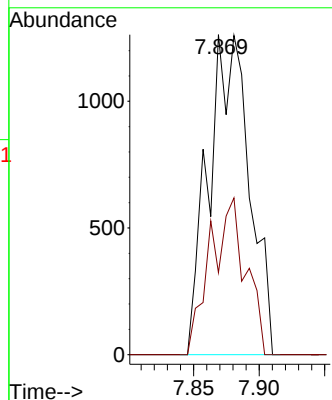
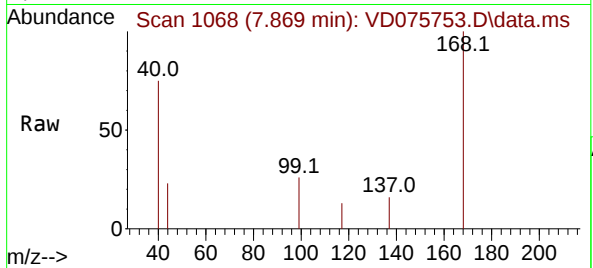




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075753.D
Acq: 19 Apr 2023 17:14

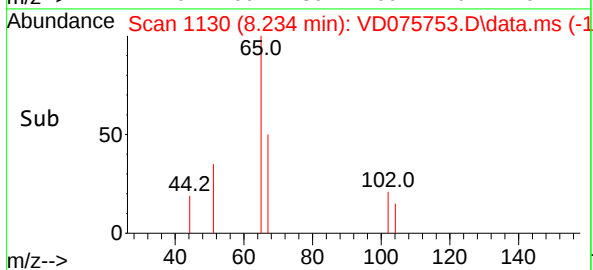
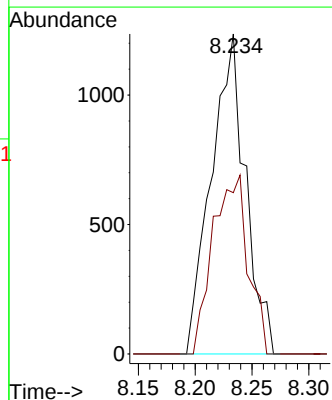
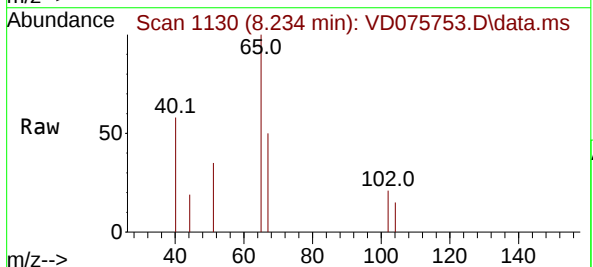
Instrument :
MSVOA_D
ClientSampleId :
OK-2-041823RE

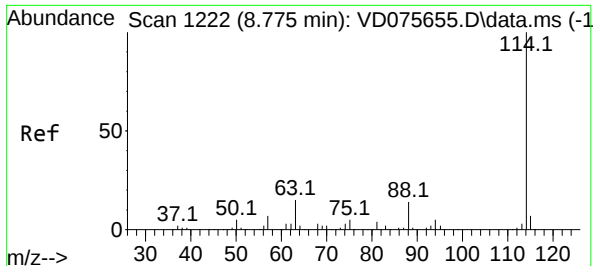
Tgt Ion:168 Resp: 2746
Ion Ratio Lower Upper
168 100
99 25.7 43.8 65.6#



#33
1,2-Dichloroethane-d4
Concen: 99.291 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075753.D
Acq: 19 Apr 2023 17:14

Tgt Ion: 65 Resp: 2588
Ion Ratio Lower Upper
65 100
67 57.6 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD075753.D

Acq: 19 Apr 2023 17:14

Instrument :

MSVOA_D

ClientSampleId :

OK-2-041823RE

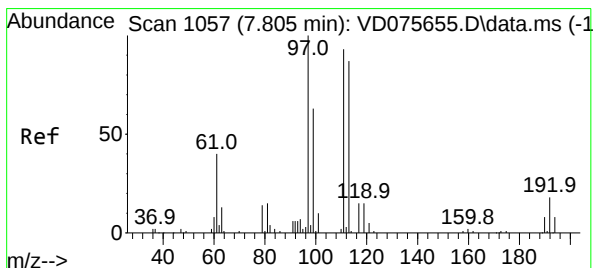
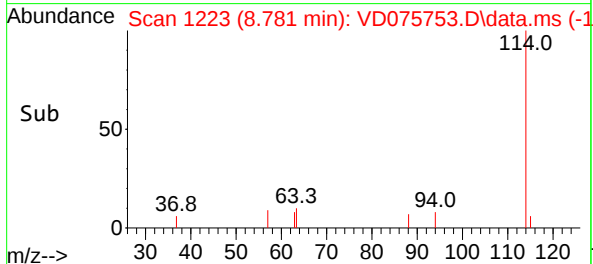
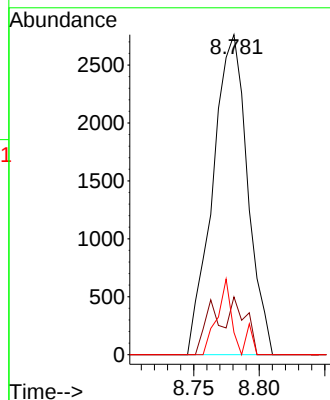
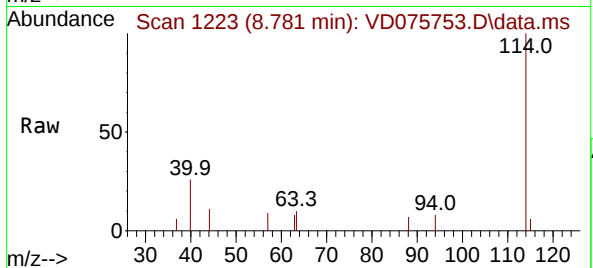
Tgt Ion:114 Resp: 5106

Ion Ratio Lower Upper

114 100

63 18.1 0.0 41.6

88 7.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 72.067 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075753.D

Acq: 19 Apr 2023 17:14

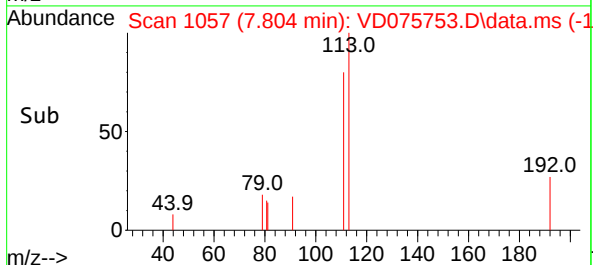
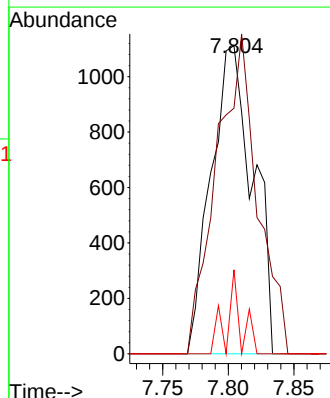
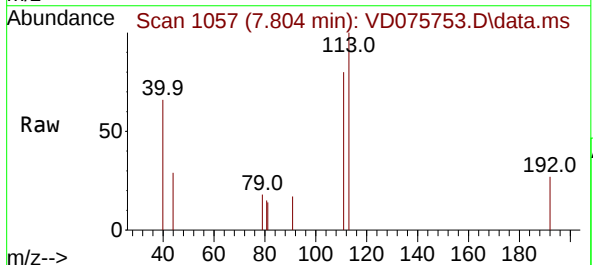
Tgt Ion:113 Resp: 2475

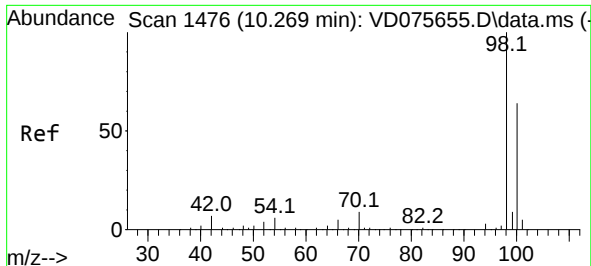
Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

192 9.1 15.2 22.8#

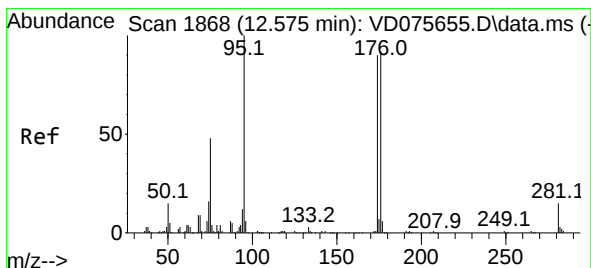
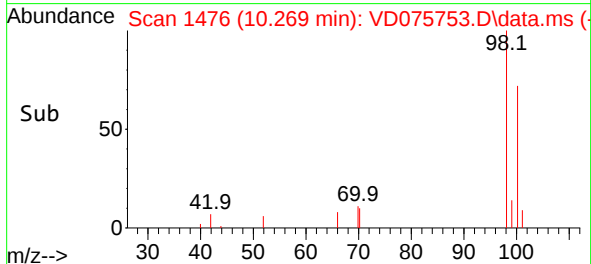
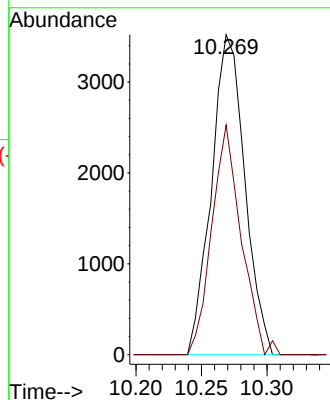
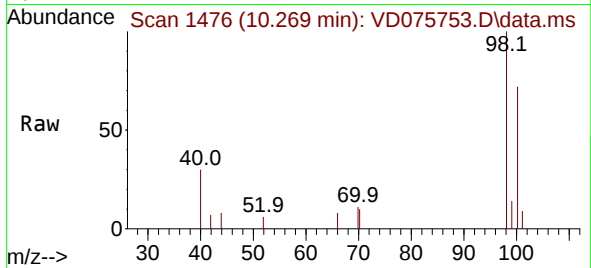




#50
Toluene-d8
Concen: 45.219 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075753.D
Acq: 19 Apr 2023 17:14

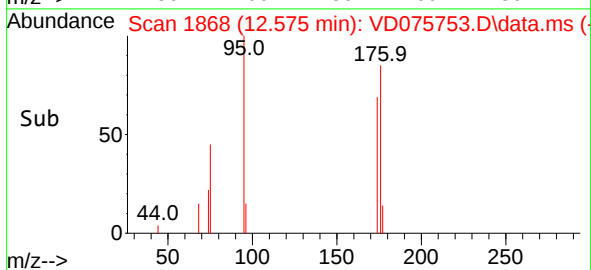
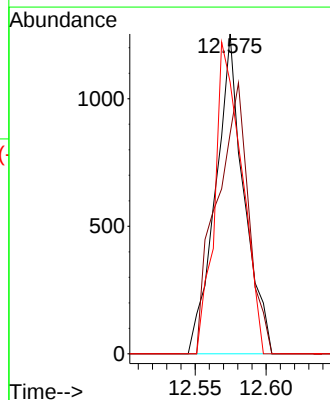
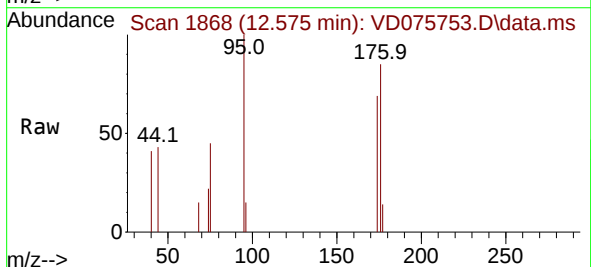
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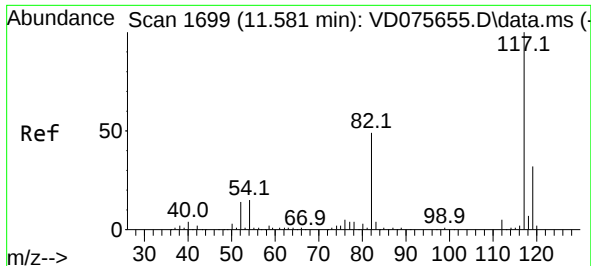
Tgt Ion: 98 Resp: 6219
Ion Ratio Lower Upper
98 100
100 63.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.490 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075753.D
Acq: 19 Apr 2023 17:14

Tgt Ion: 95 Resp: 1736
Ion Ratio Lower Upper
95 100
174 95.0 0.0 164.0
176 94.5 0.0 156.8

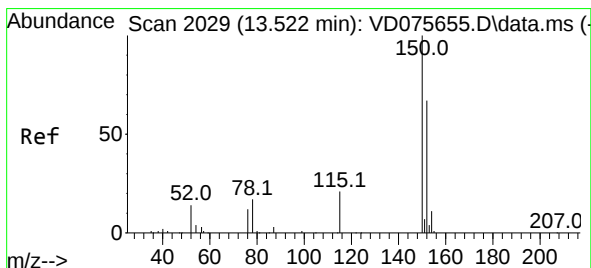
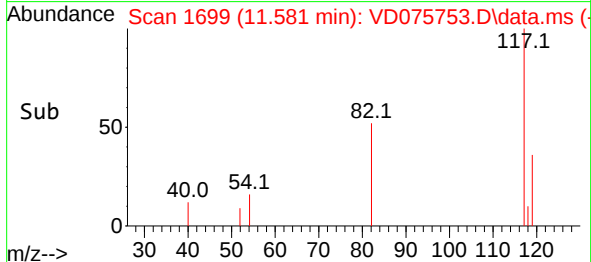
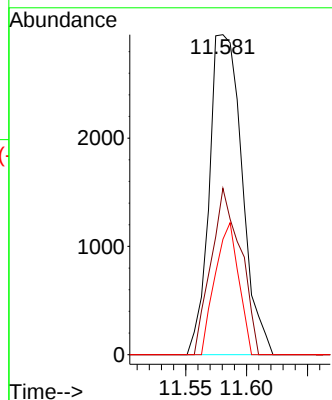
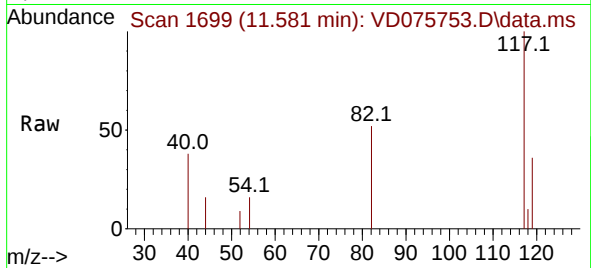




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075753.D
Acq: 19 Apr 2023 17:14

Instrument :
MSVOA_D
ClientSampleId :
OK-2-041823RE

Tgt Ion:117 Resp: 5538
Ion Ratio Lower Upper
117 100
82 52.0 44.0 66.0
119 36.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD075753.D
Acq: 19 Apr 2023 17:14

Tgt Ion:152 Resp: 1834
Ion Ratio Lower Upper
152 100
115 60.4 30.1 90.3
150 174.4 0.0 364.8

