

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122722\
 Data File : VD075056.D
 Acq On : 27 Dec 2022 16:44
 Operator : KP/SY
 Sample : N6161-08RE
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 N40305RE

Quant Time: Dec 28 01:53:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 23 05:54:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	10283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	23648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	24220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	11632	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	8458	84.148	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 168.300%#	
35) Dibromofluoromethane	7.805	113	7152	51.396	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.800%	
50) Toluene-d8	10.269	98	29722	52.862	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.720%	
62) 4-Bromofluorobenzene	12.575	95	11450	62.861	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 125.720%	

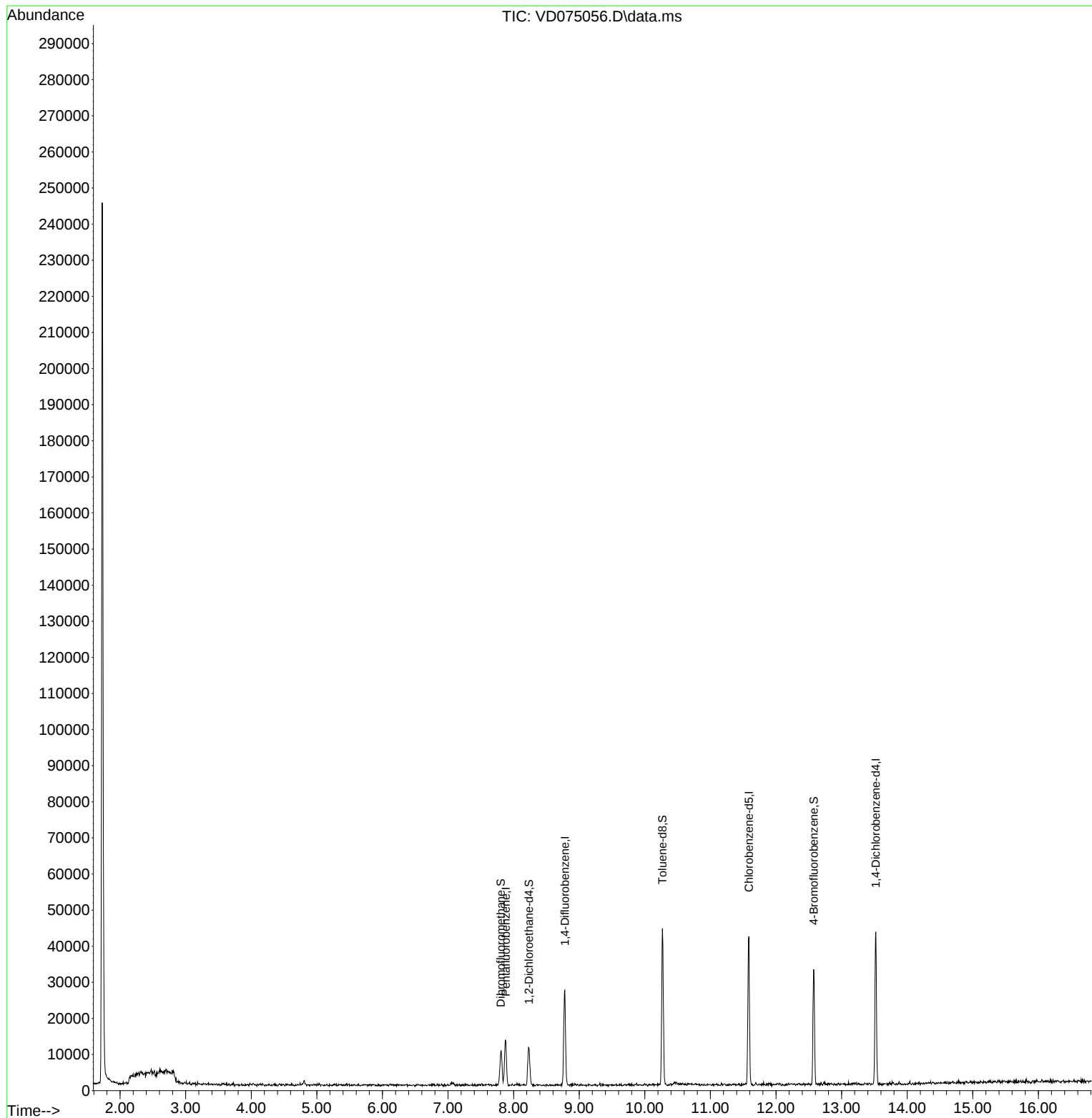
Target Compounds	Qvalue

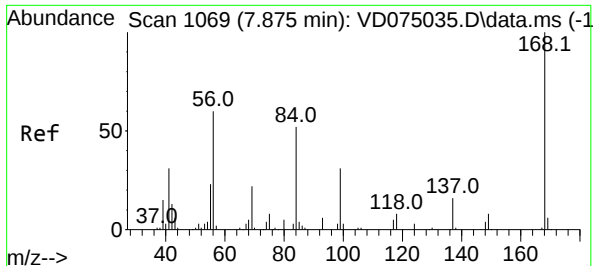
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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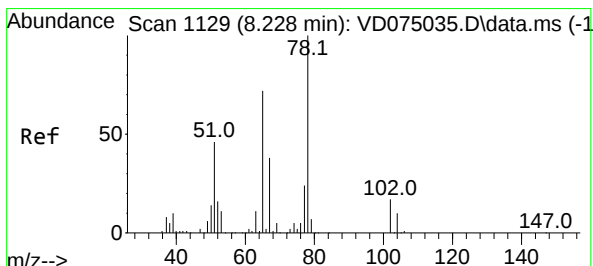
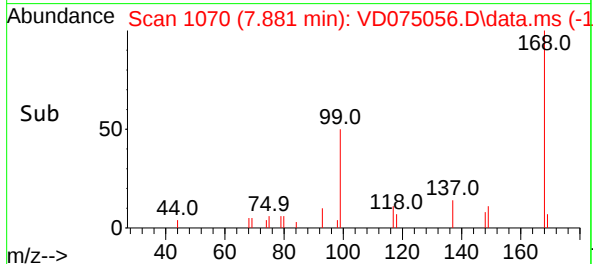
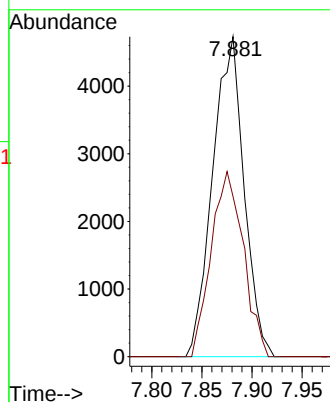
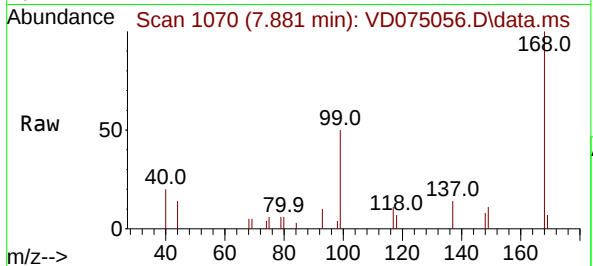




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075056.D
Acq: 27 Dec 2022 16:44

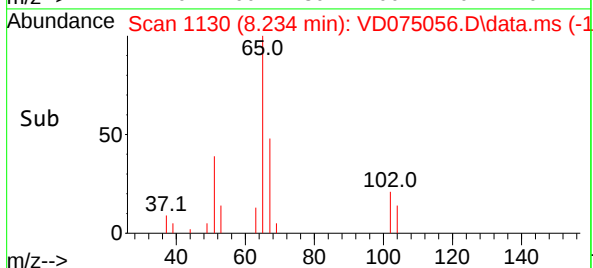
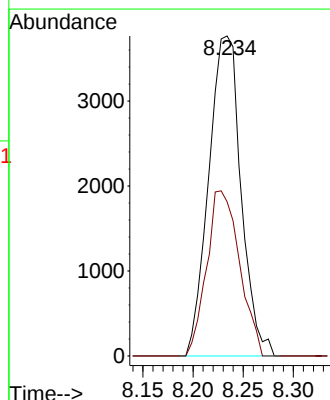
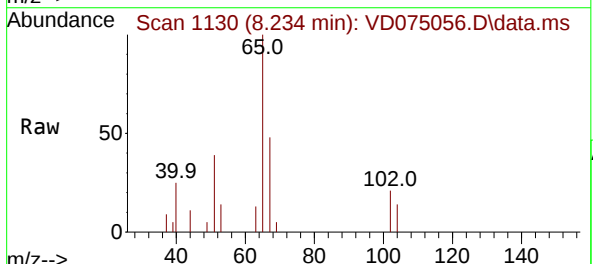
Instrument :
MSVOA_D
ClientSampleId :
N40305RE

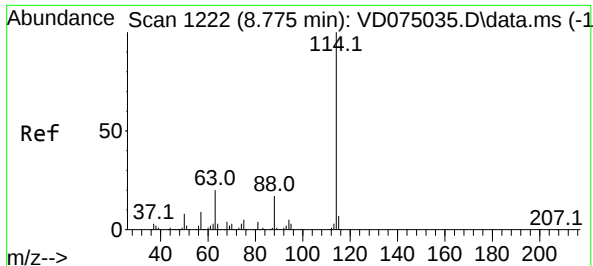
Tgt Ion:168 Resp: 10283
Ion Ratio Lower Upper
168 100
99 50.1 40.3 60.5



#33
1,2-Dichloroethane-d4
Concen: 84.148 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075056.D
Acq: 27 Dec 2022 16:44

Tgt Ion: 65 Resp: 8458
Ion Ratio Lower Upper
65 100
67 52.4 0.0 111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075056.D

Acq: 27 Dec 2022 16:44

Instrument :

MSVOA_D

ClientSampleId :

N40305RE

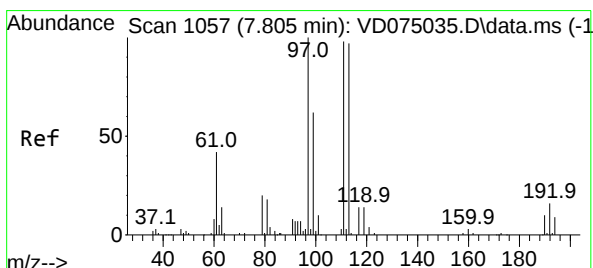
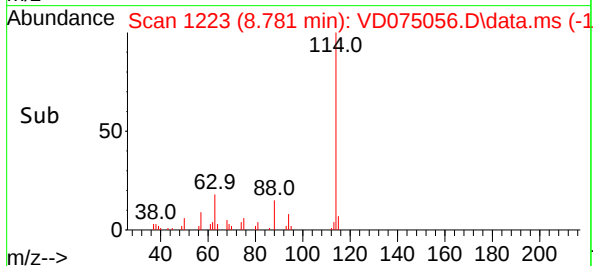
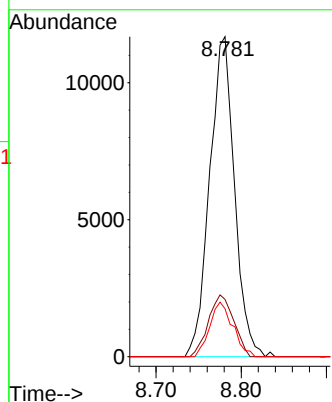
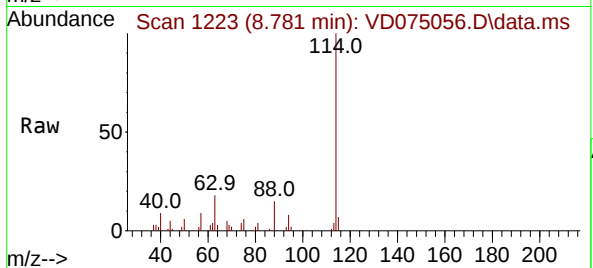
Tgt Ion:114 Resp: 23648

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.8

88 15.0 0.0 27.8



#35

Dibromofluoromethane

Concen: 51.396 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075056.D

Acq: 27 Dec 2022 16:44

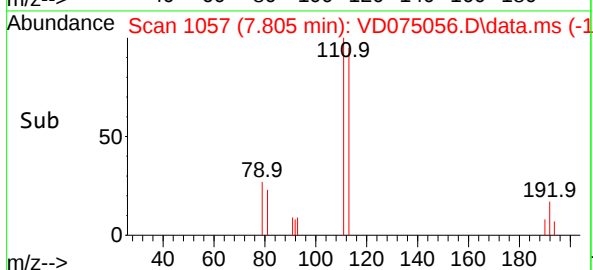
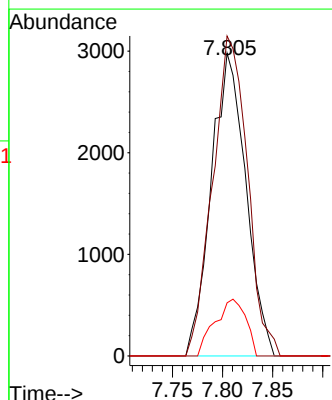
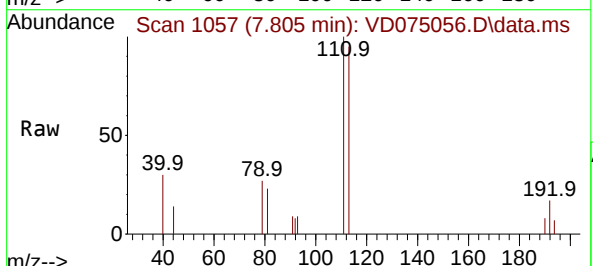
Tgt Ion:113 Resp: 7152

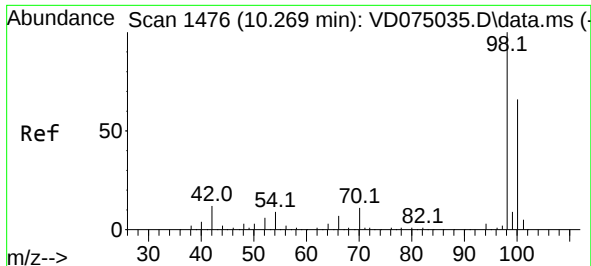
Ion Ratio Lower Upper

113 100

111 106.0 82.1 123.1

192 16.8 15.1 22.7

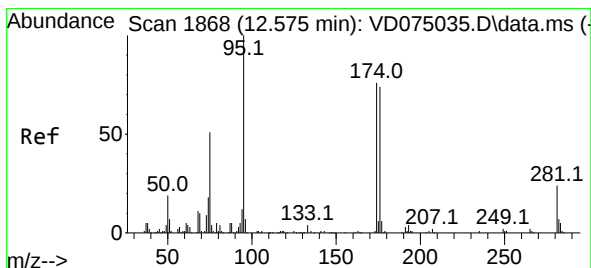
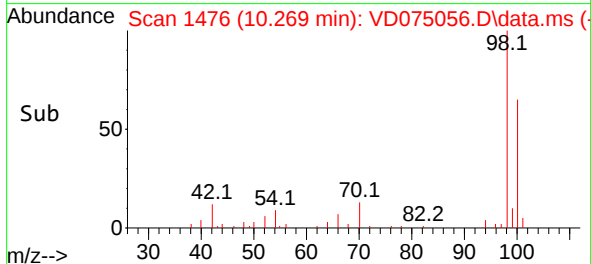
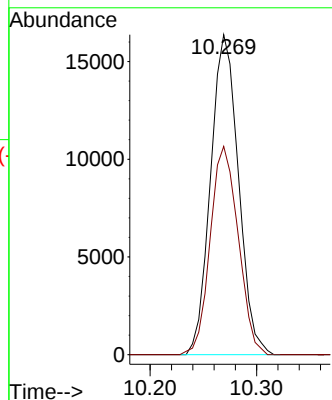
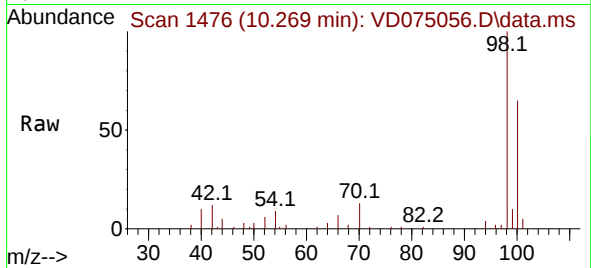




#50
Toluene-d8
Concen: 52.862 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075056.D
Acq: 27 Dec 2022 16:44

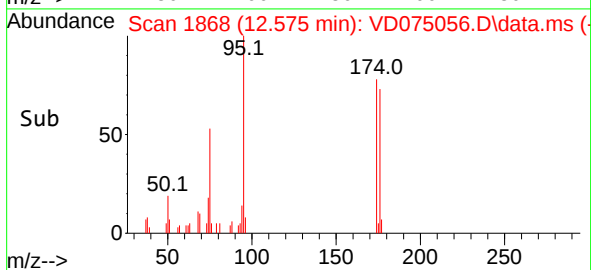
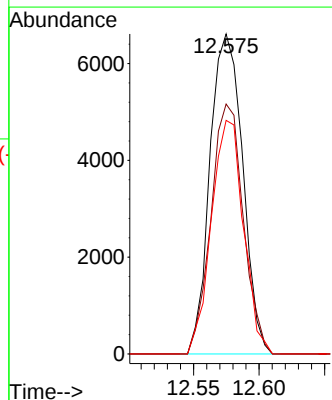
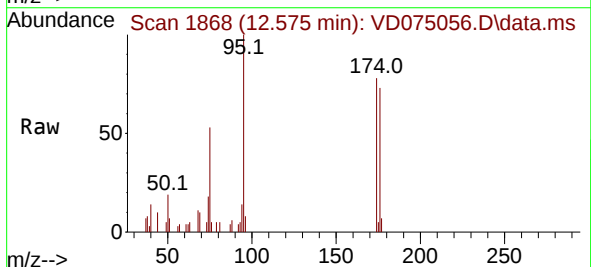
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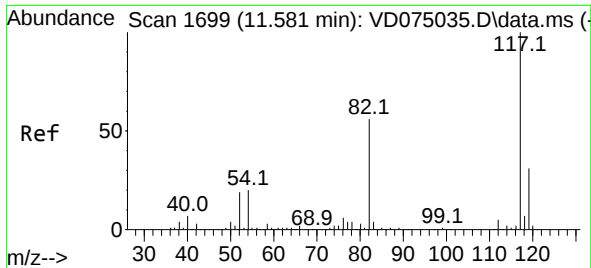
Tgt Ion: 98 Resp: 29722
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 62.861 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075056.D
Acq: 27 Dec 2022 16:44

Tgt Ion: 95 Resp: 11450
Ion Ratio Lower Upper
95 100
174 77.2 0.0 171.2
176 71.9 0.0 165.0

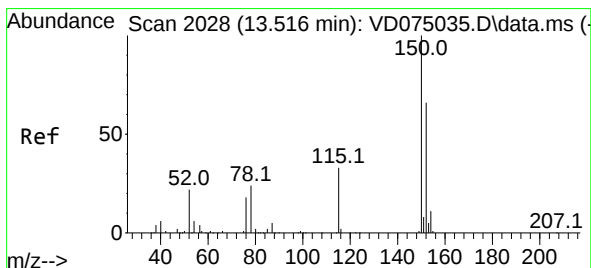
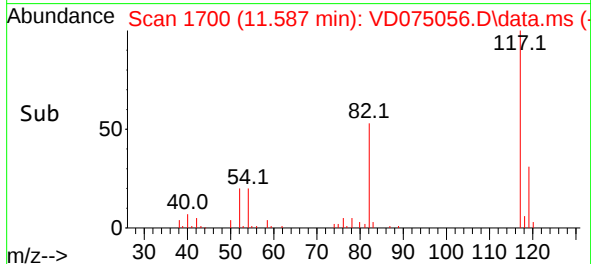
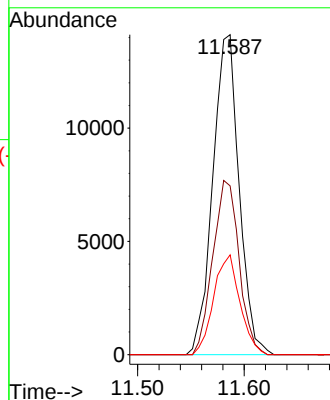
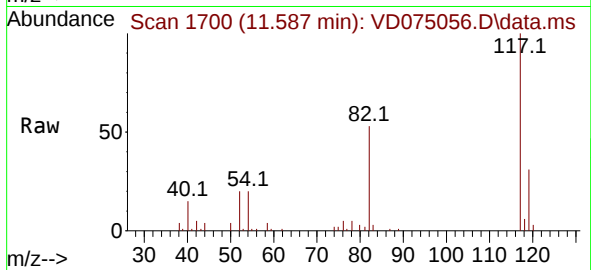




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD075056.D
Acq: 27 Dec 2022 16:44

Instrument :
MSVOA_D
ClientSampleId :
N40305RE

Tgt Ion:117 Resp: 24220
Ion Ratio Lower Upper
117 100
82 52.7 40.9 61.3
119 31.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD075056.D
Acq: 27 Dec 2022 16:44

Tgt Ion:152 Resp: 11632
Ion Ratio Lower Upper
152 100
115 59.1 28.8 86.5
150 151.6 0.0 354.2

