

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060723\
 Data File : VD076364.D
 Acq On : 07 Jun 2023 20:18
 Operator : KP/SY
 Sample : 03047-02RE
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB32BRE

Quant Time: Jun 08 01:19:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	7998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	16371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	20155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	9206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	10889	151.950	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 303.900%#	
35) Dibromofluoromethane	7.804	113	10051	96.695	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 193.400%#	
50) Toluene-d8	10.269	98	18541	44.800	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 89.600%	
62) 4-Bromofluorobenzene	12.575	95	7553	68.962	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 137.920%	

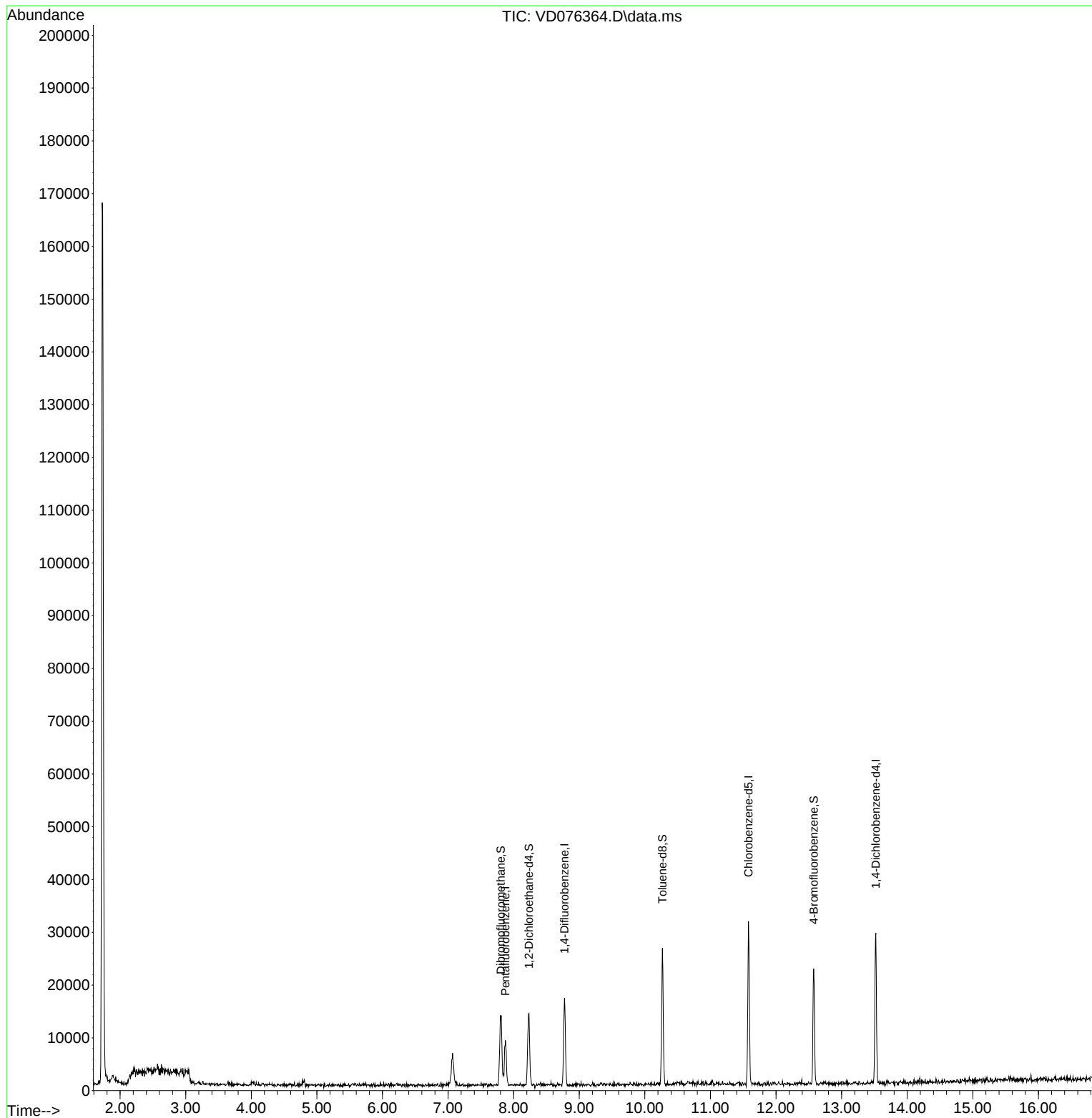
Target Compounds	Qvalue

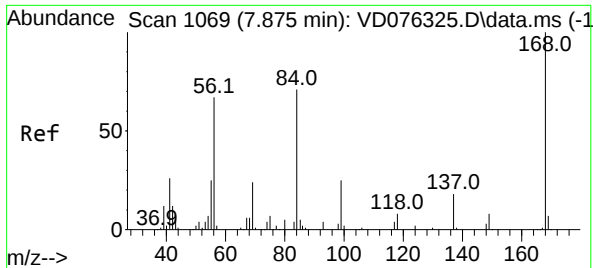
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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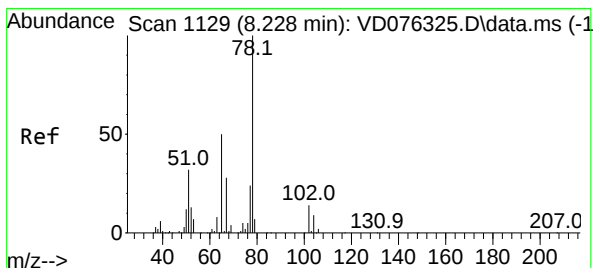
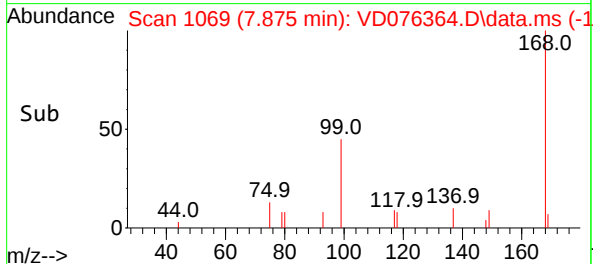
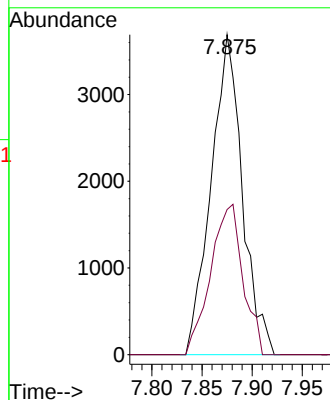
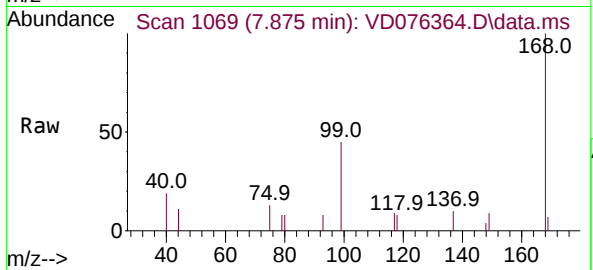




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD076364.D
Acq: 07 Jun 2023 20:18

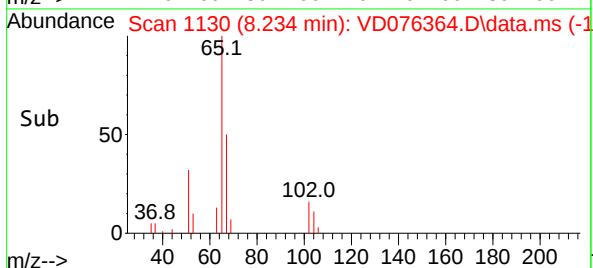
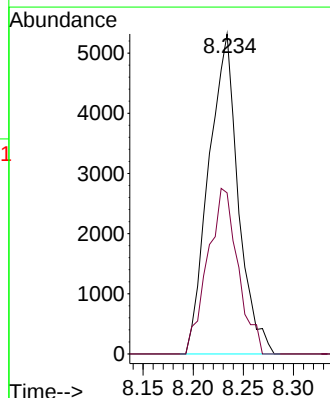
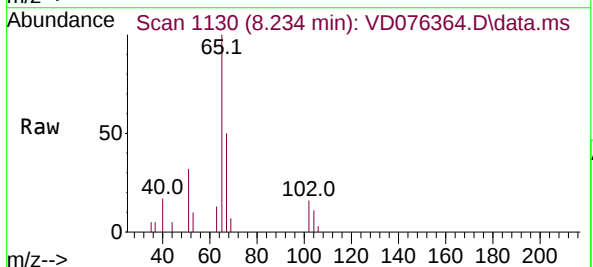
Instrument :
MSVOA_D
ClientSampleId :
SB32BRE

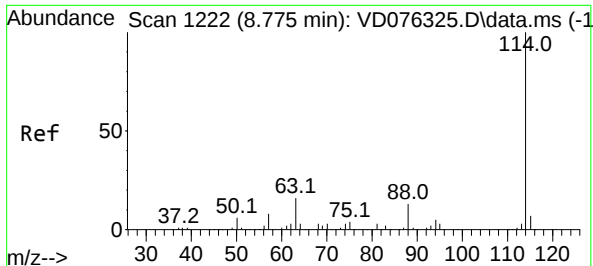
Tgt Ion:168 Resp: 7998
Ion Ratio Lower Upper
168 100
99 45.3 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 151.950 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076364.D
Acq: 07 Jun 2023 20:18

Tgt Ion: 65 Resp: 10889
Ion Ratio Lower Upper
65 100
67 53.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076364.D

Acq: 07 Jun 2023 20:18

Instrument :

MSVOA_D

ClientSampleId :

SB32BRE

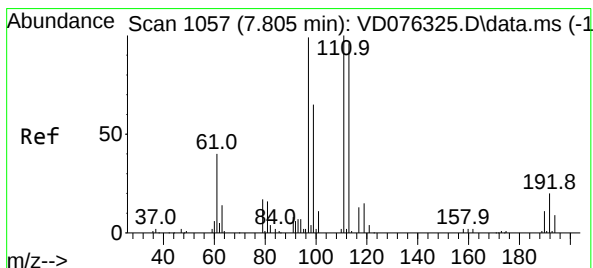
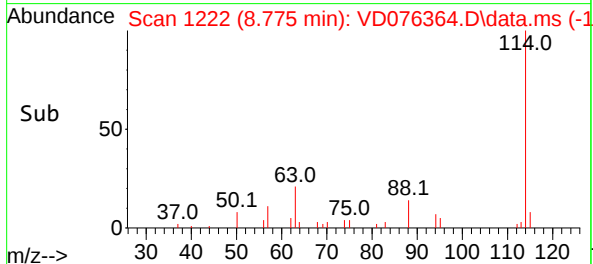
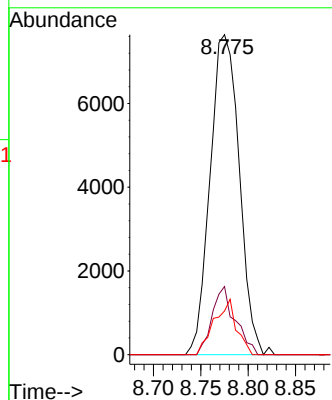
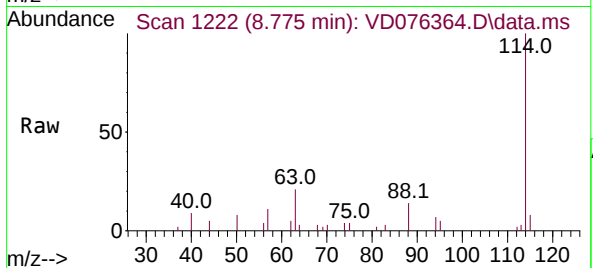
Tgt Ion:114 Resp: 16371

Ion Ratio Lower Upper

114 100

63 21.3 0.0 33.4

88 13.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 96.695 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076364.D

Acq: 07 Jun 2023 20:18

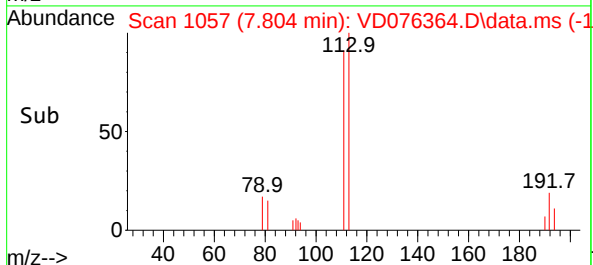
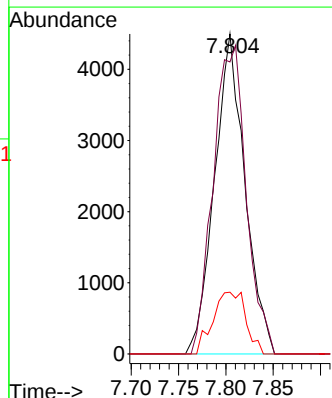
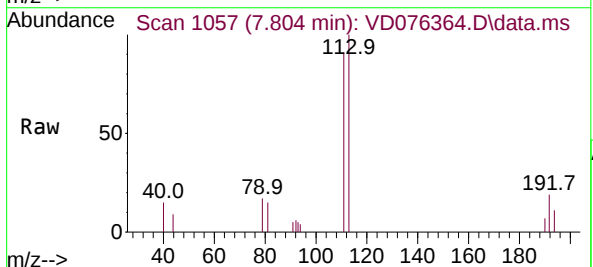
Tgt Ion:113 Resp: 10051

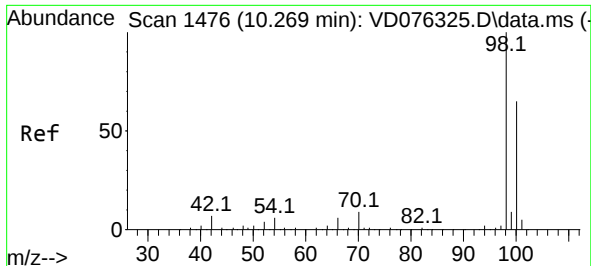
Ion Ratio Lower Upper

113 100

111 104.7 84.7 127.1

192 20.9 16.8 25.2

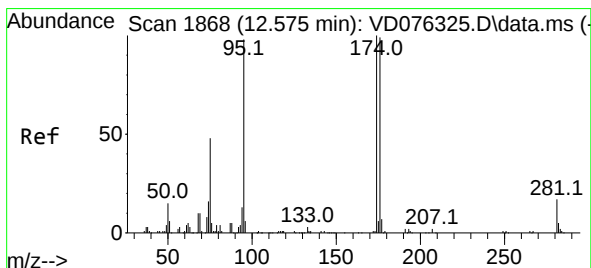
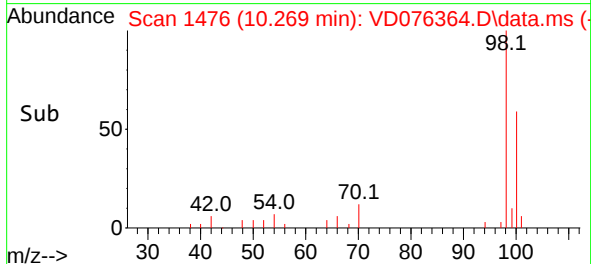
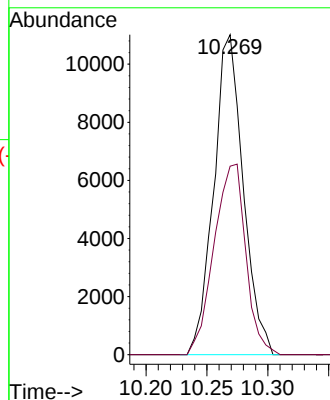
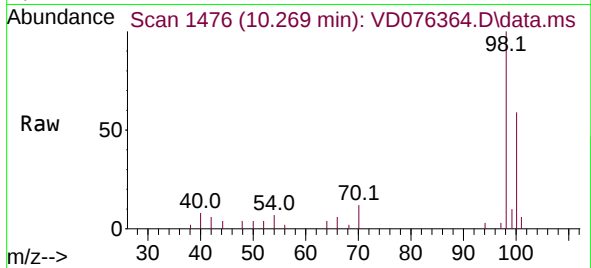




#50
Toluene-d8
Concen: 44.800 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076364.D
Acq: 07 Jun 2023 20:18

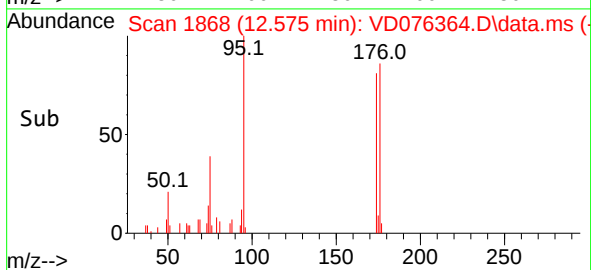
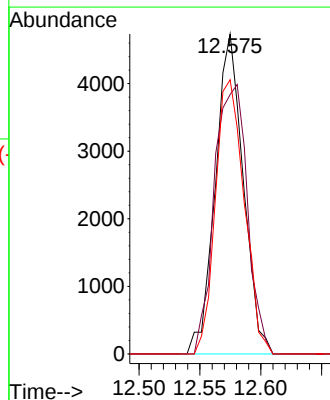
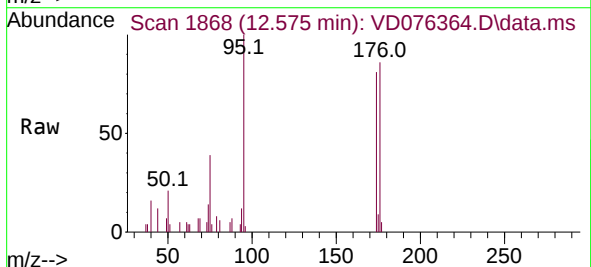
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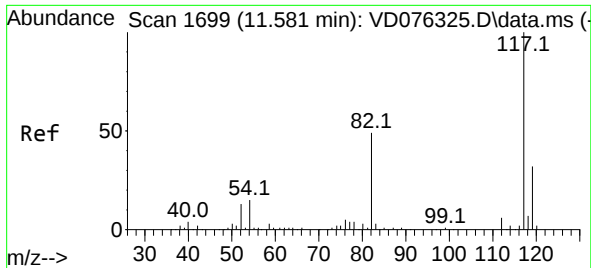
Tgt Ion: 98 Resp: 18541
Ion Ratio Lower Upper
98 100
100 64.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 68.962 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076364.D
Acq: 07 Jun 2023 20:18

Tgt Ion: 95 Resp: 7553
Ion Ratio Lower Upper
95 100
174 99.0 0.0 201.8
176 88.4 0.0 191.8

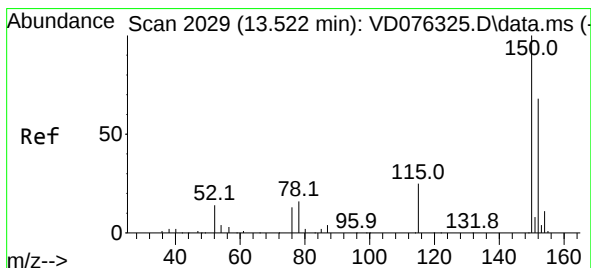
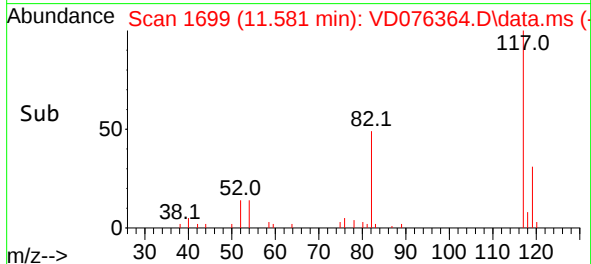
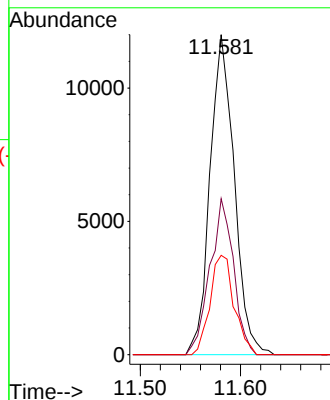
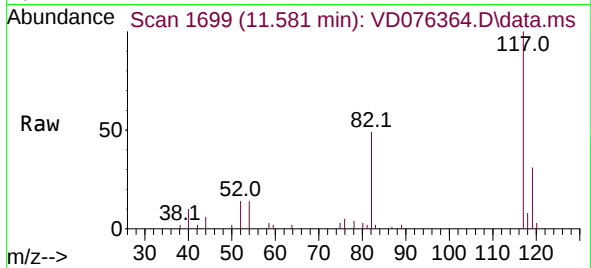




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076364.D
Acq: 07 Jun 2023 20:18

Instrument :
MSVOA_D
ClientSampleId :
SB32BRE

Tgt Ion:117 Resp: 20155
Ion Ratio Lower Upper
117 100
82 48.8 38.3 57.5
119 31.0 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076364.D
Acq: 07 Jun 2023 20:18

Tgt Ion:152 Resp: 9206
Ion Ratio Lower Upper
152 100
115 54.1 27.1 81.3
150 151.9 0.0 353.6

