

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011123\
 Data File : VD075121.D
 Acq On : 11 Jan 2023 14:30
 Operator : KP/SY
 Sample : 01109-01RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-011023RE

Quant Time: Jan 12 04:28:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 03:36:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	1858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	1542	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.522	152	443	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	790	108.092	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	216.180%#
35) Dibromofluoromethane	7.810	113	752	64.343	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	128.680%
50) Toluene-d8	10.263	98	2526	54.510	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.020%
62) 4-Bromofluorobenzene	12.575	95	785	52.776	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.560%

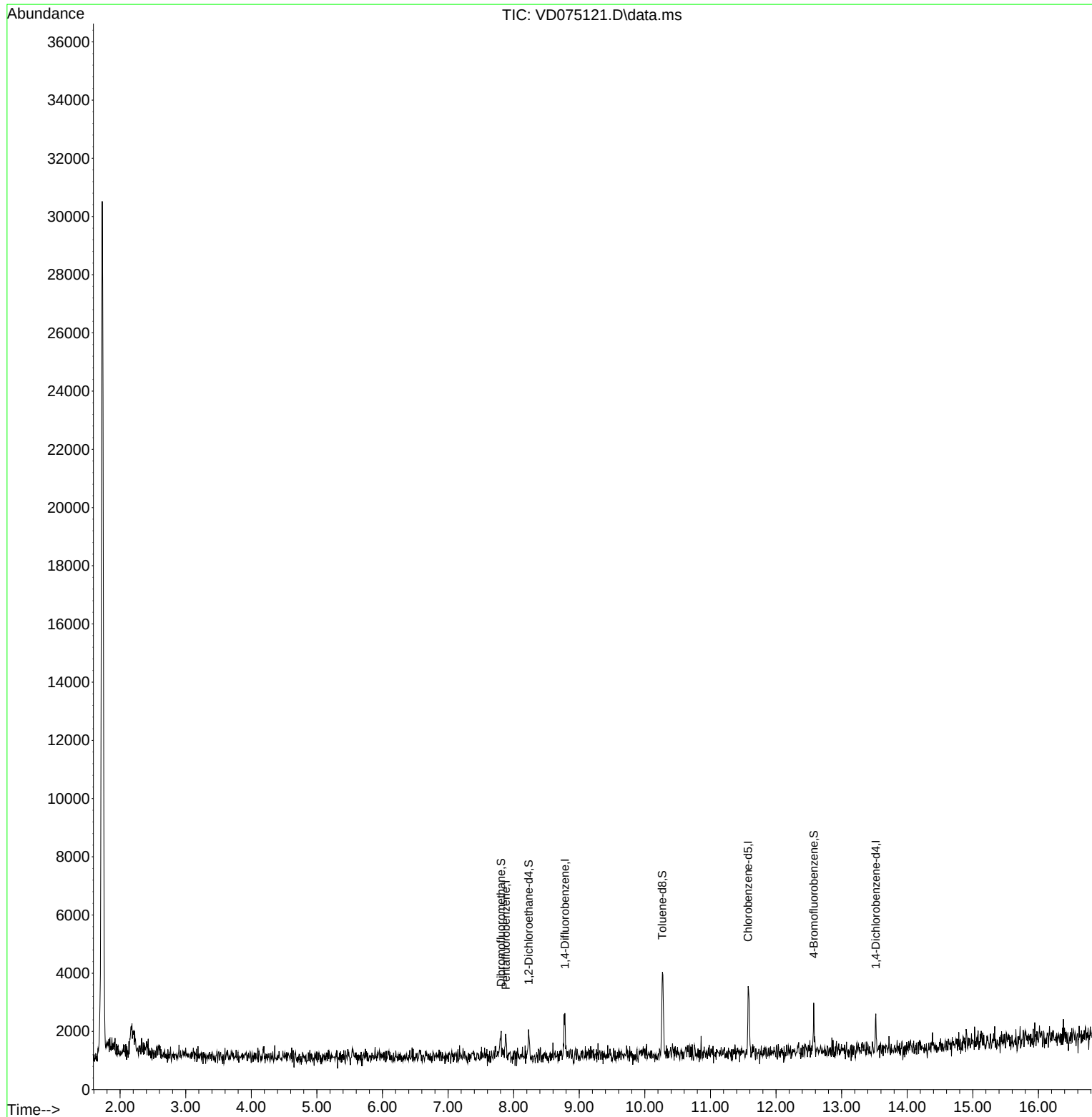
Target Compounds	Qvalue

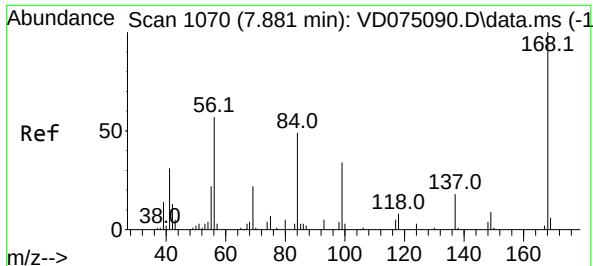
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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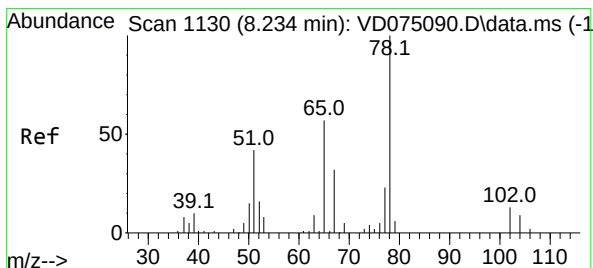
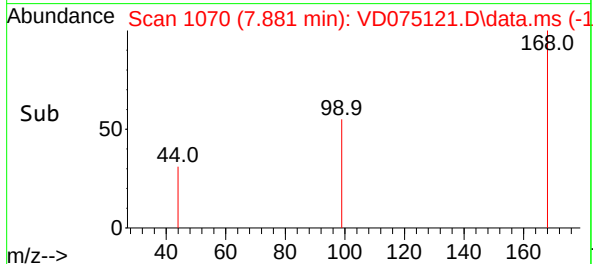
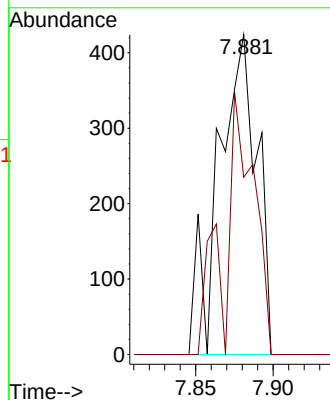
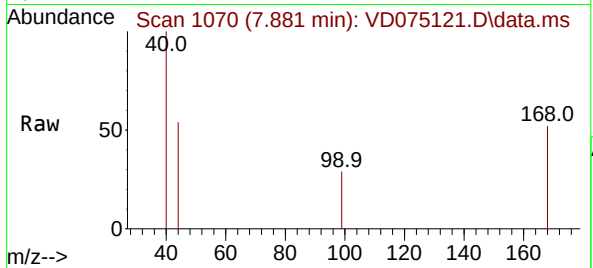




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075121.D
Acq: 11 Jan 2023 14:30

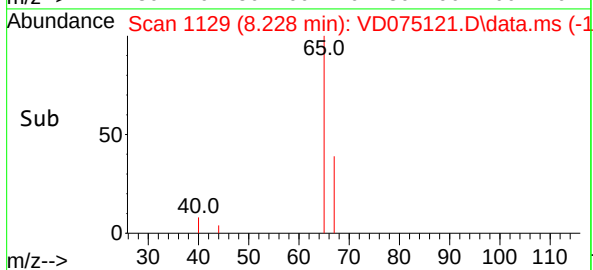
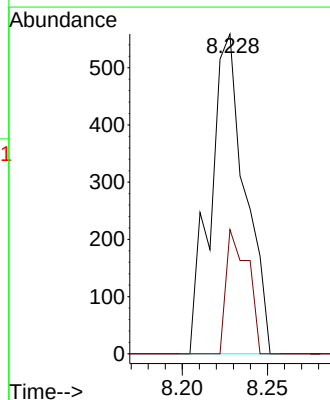
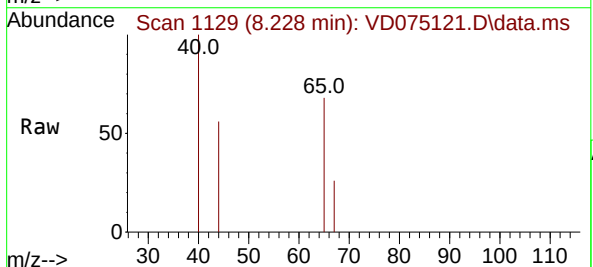
Instrument :
MSVOA_D
ClientSampleId :
OR-03-011023RE

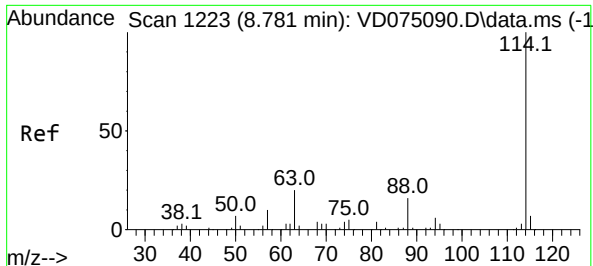
Tgt Ion:168 Resp: 729
Ion Ratio Lower Upper
168 100
99 55.4 43.2 64.8



#33
1,2-Dichloroethane-d4
Concen: 108.092 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075121.D
Acq: 11 Jan 2023 14:30

Tgt Ion: 65 Resp: 790
Ion Ratio Lower Upper
65 100
67 24.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075121.D

Acq: 11 Jan 2023 14:30

Instrument :

MSVOA_D

ClientSampleId :

OR-03-011023RE

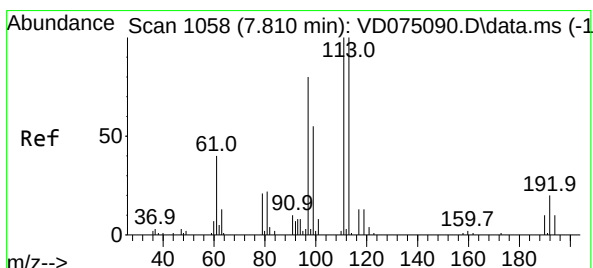
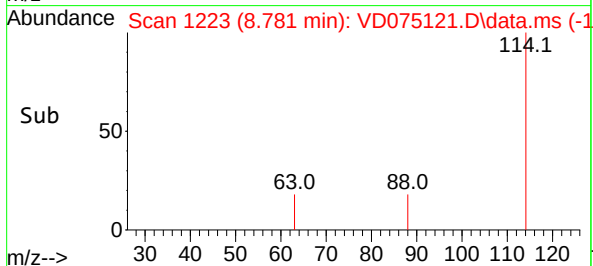
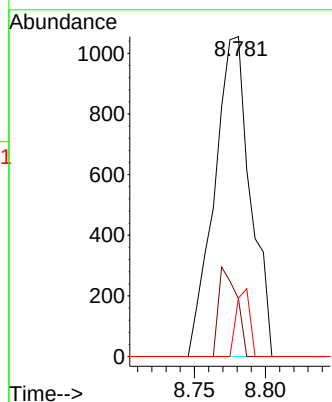
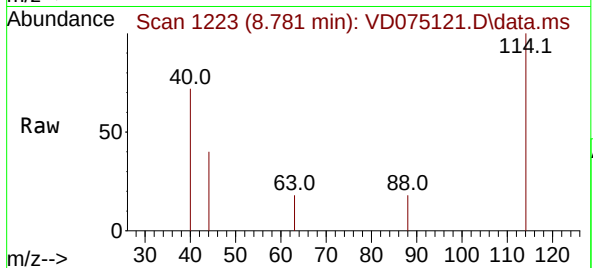
Tgt Ion:114 Resp: 1858

Ion Ratio Lower Upper

114 100

63 18.1 0.0 40.0

88 18.3 0.0 31.2



#35

Dibromofluoromethane

Concen: 64.343 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075121.D

Acq: 11 Jan 2023 14:30

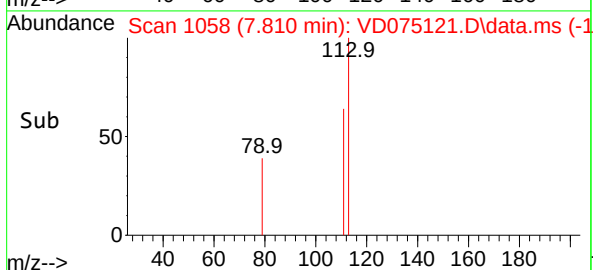
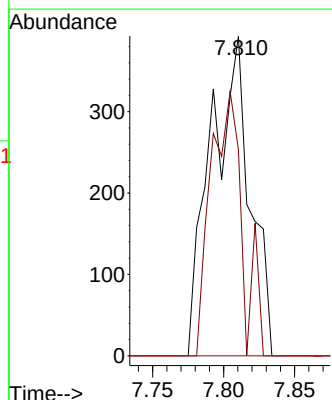
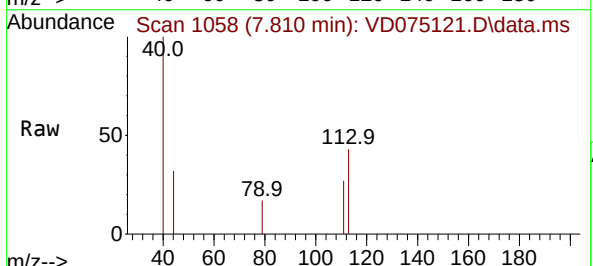
Tgt Ion:113 Resp: 752

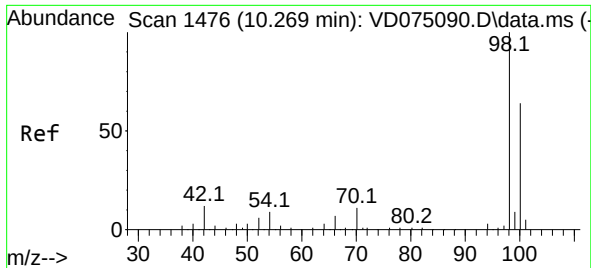
Ion Ratio Lower Upper

113 100

111 66.5 83.2 124.8#

192 0.0 15.0 22.6#

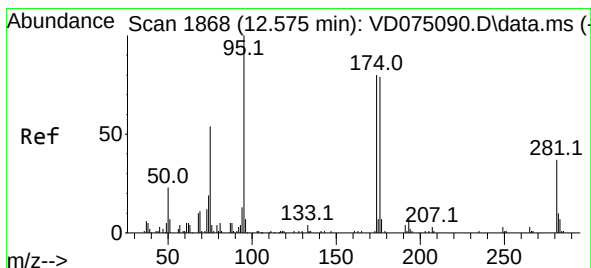
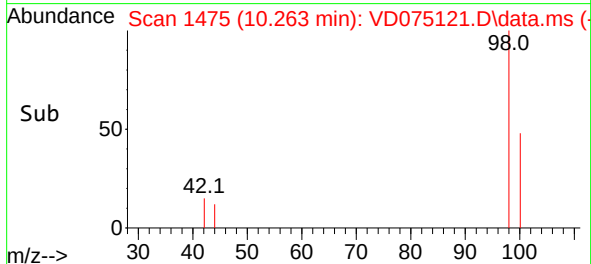
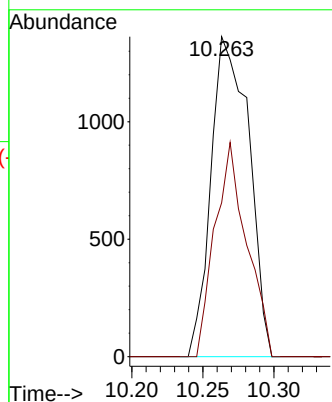
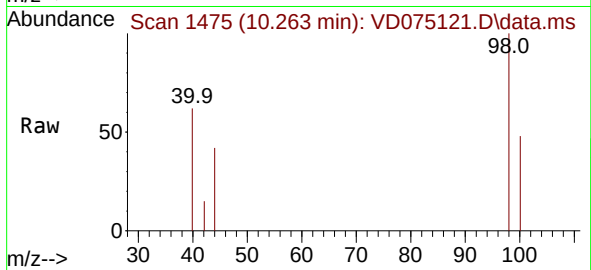




#50
Toluene-d8
Concen: 54.510 ug/l
RT: 10.263 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VD075121.D
Acq: 11 Jan 2023 14:30

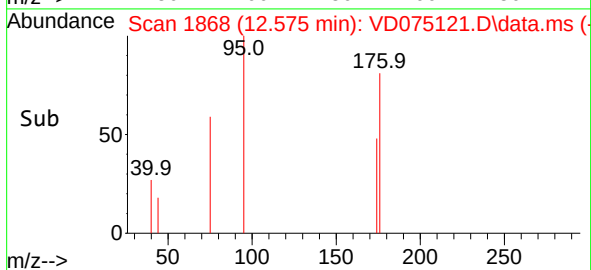
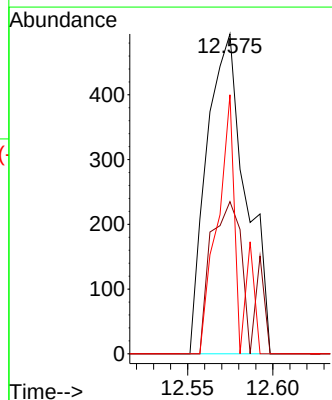
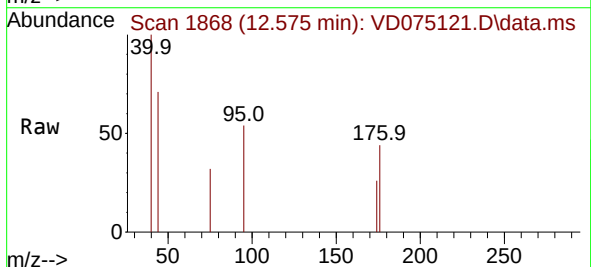
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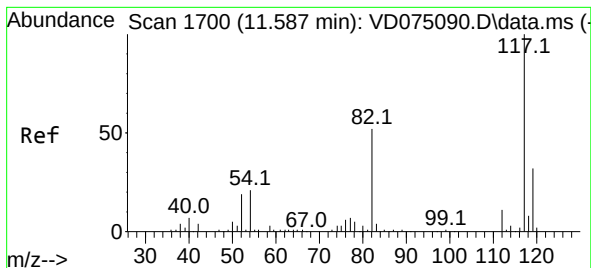
Tgt Ion: 98 Resp: 2526
Ion Ratio Lower Upper
98 100
100 56.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.776 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075121.D
Acq: 11 Jan 2023 14:30

Tgt Ion: 95 Resp: 785
Ion Ratio Lower Upper
95 100
174 43.3 0.0 168.4
176 42.3 0.0 163.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.575 min Scan# 1698

Delta R.T. -0.012 min

Lab File: VD075121.D

Acq: 11 Jan 2023 14:30

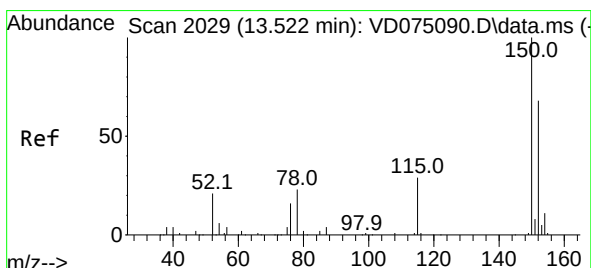
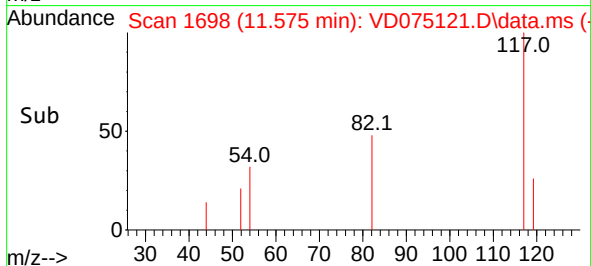
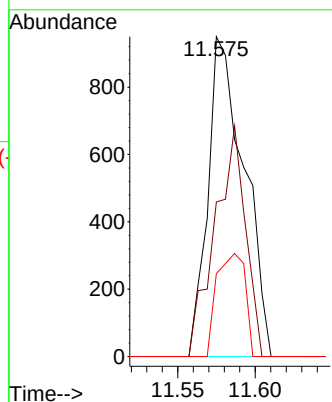
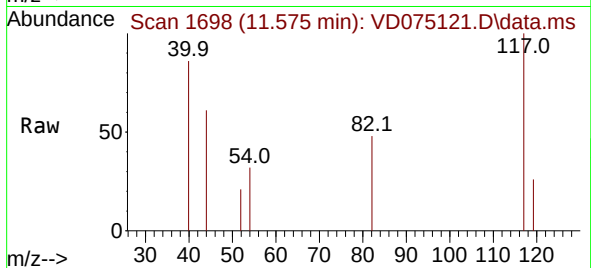
Instrument :

MSVOA_D

ClientSampleId :

OR-03-011023RE

Tgt Ion:117	Resp:	1542
Ion	Ratio	Lower Upper
117	100	
82	48.3	41.3 61.9
119	25.9	25.8 38.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.000 min

Lab File: VD075121.D

Acq: 11 Jan 2023 14:30

Tgt Ion:152	Resp:	443
Ion	Ratio	Lower Upper
152	100	
115	37.0	28.7 86.1
150	167.3	0.0 343.2

