

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020923\
 Data File : VD075290.D
 Acq On : 09 Feb 2023 13:16
 Operator : KP/SY
 Sample : 01510-05
 Misc : 4.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-51B-020823

Quant Time: Feb 10 02:01:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	61873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	116187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	104273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	34521	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	37864	52.189	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.380%
35) Dibromofluoromethane	7.810	113	38473	47.224	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.440%
50) Toluene-d8	10.269	98	142087	45.988	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.980%
62) 4-Bromofluorobenzene	12.575	95	37147	36.463	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.920%

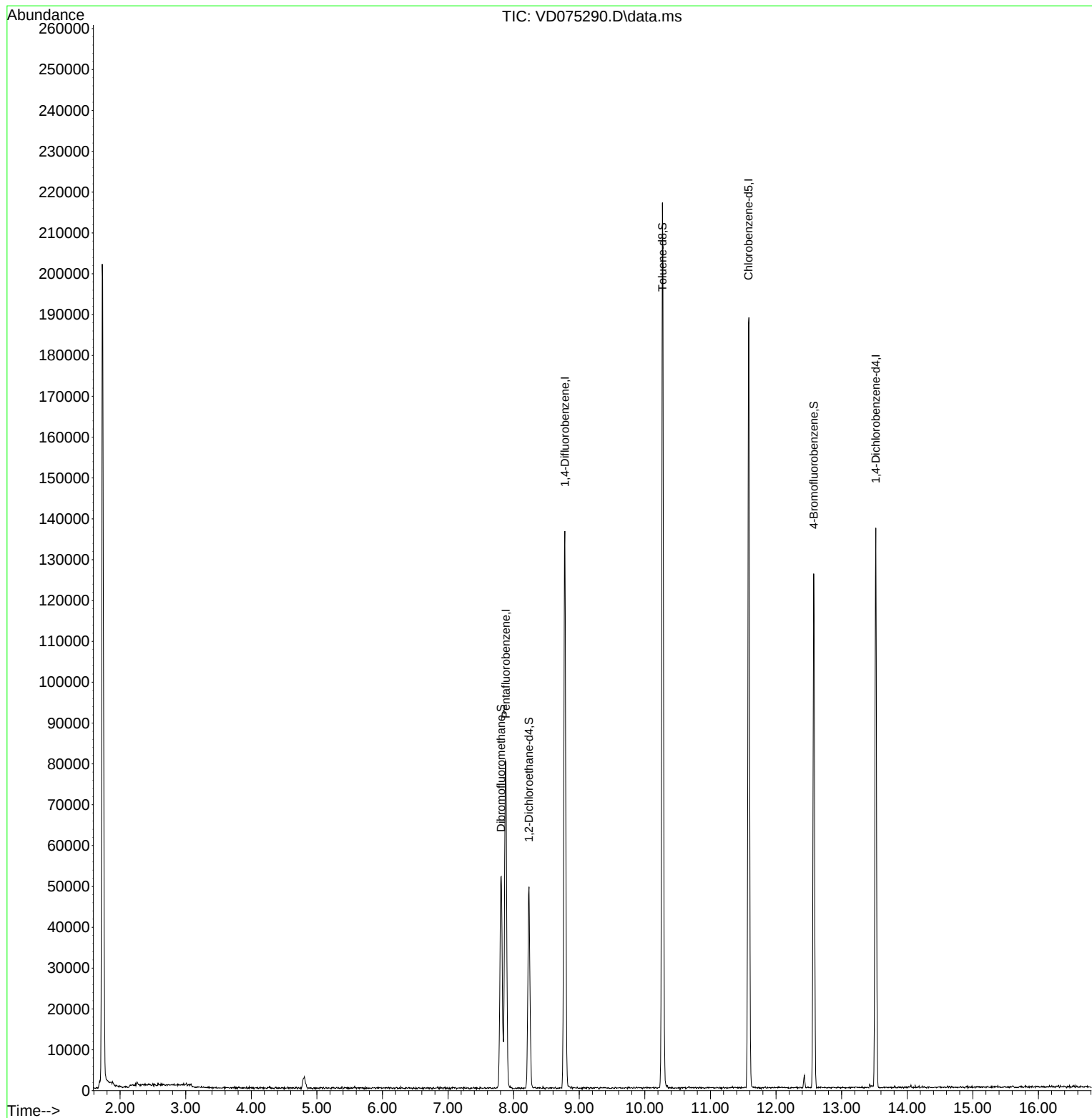
Target Compounds	Qvalue

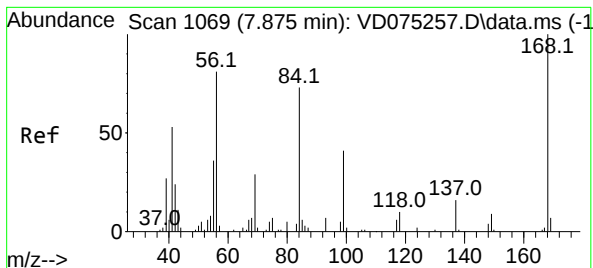
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD075290.D

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Instrument :

MSVOA_D

ClientSampleId :

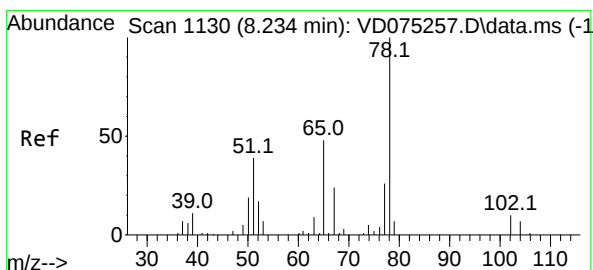
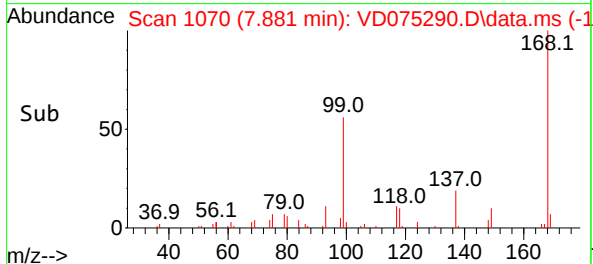
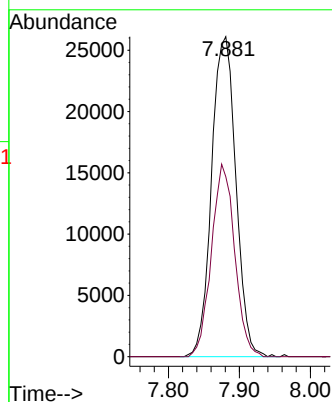
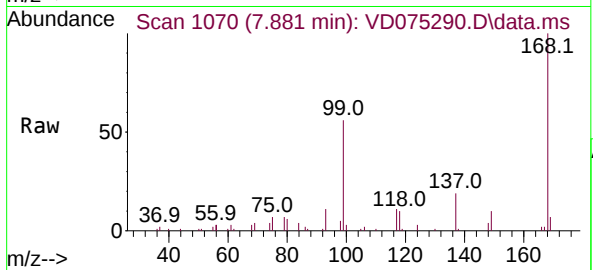
JPP-51B-020823

Tgt Ion:168 Resp: 61873

Ion Ratio Lower Upper

168 100

99 56.2 45.2 67.8



#33

1,2-Dichloroethane-d4

Concen: 52.189 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075290.D

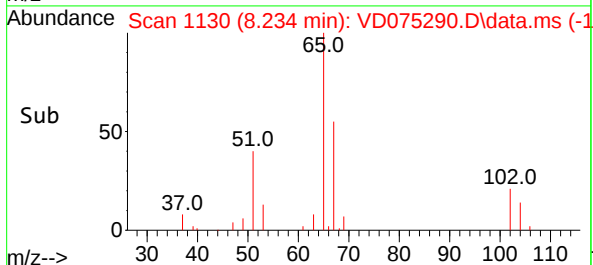
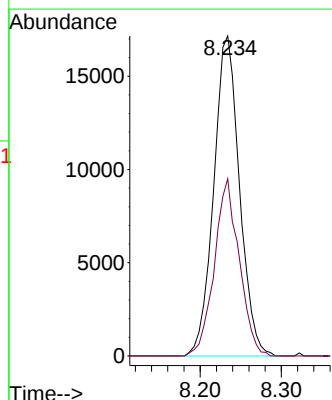
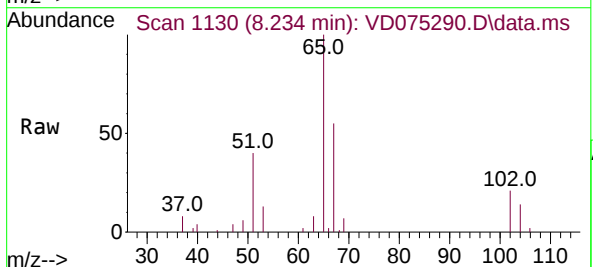
Acq: 09 Feb 2023 13:16

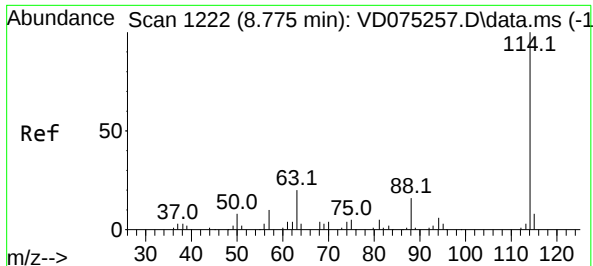
Tgt Ion: 65 Resp: 37864

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075290.D

Acq: 09 Feb 2023 13:16

Instrument :

MSVOA_D

ClientSampleId :

JPP-51B-020823

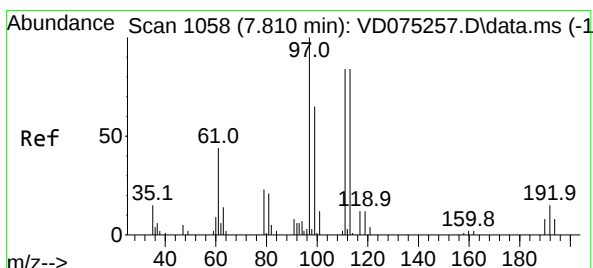
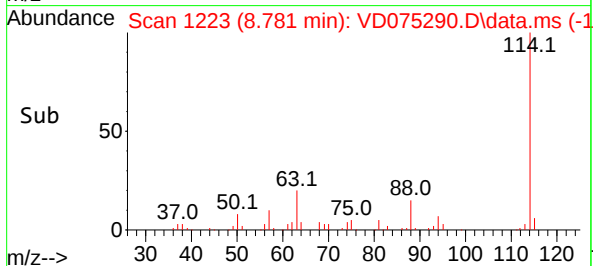
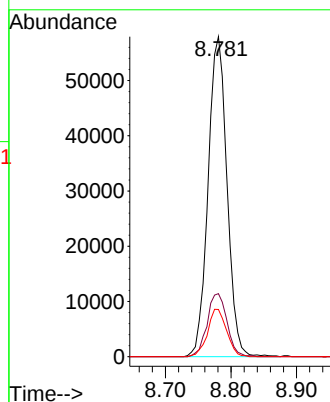
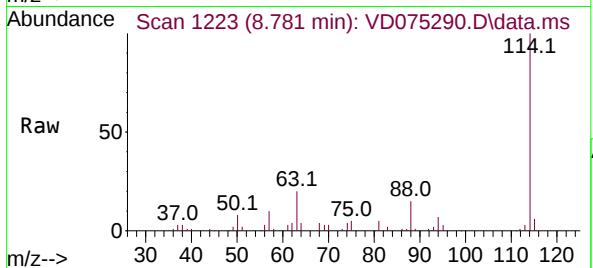
Tgt Ion:114 Resp: 116187

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.2

88 14.8 0.0 32.2



#35

Dibromofluoromethane

Concen: 47.224 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075290.D

Acq: 09 Feb 2023 13:16

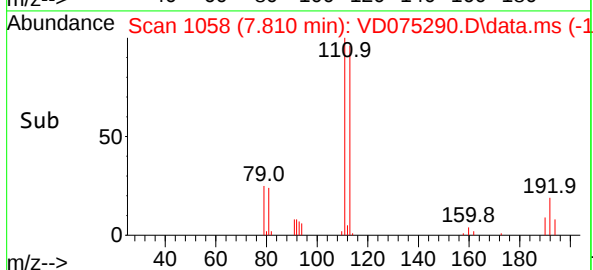
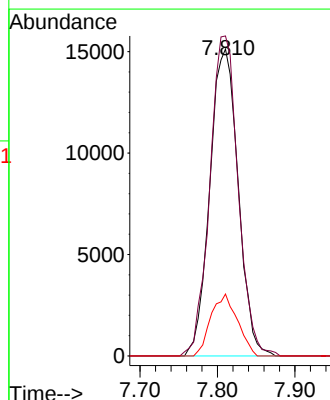
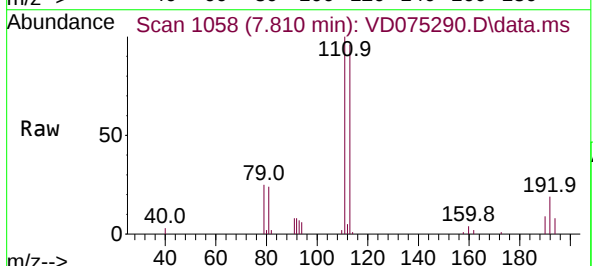
Tgt Ion:113 Resp: 38473

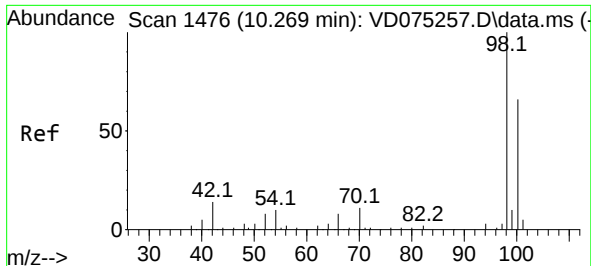
Ion Ratio Lower Upper

113 100

111 104.0 80.1 120.1

192 18.9 15.4 23.0

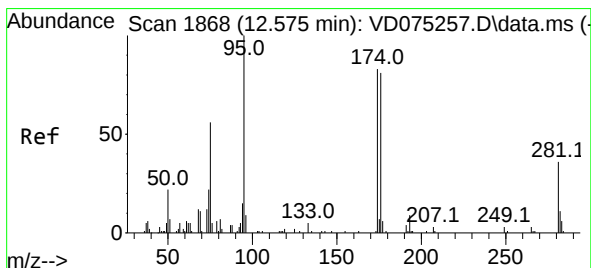
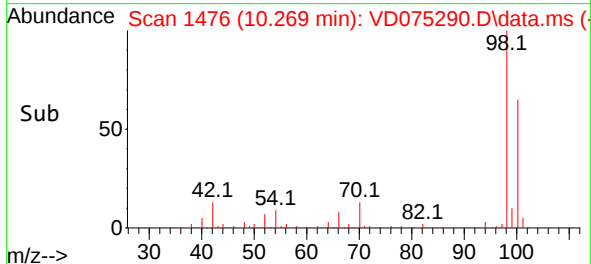
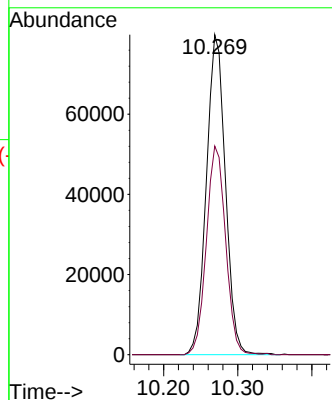
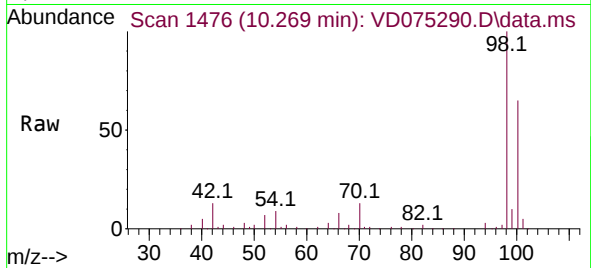




#50
Toluene-d8
Concen: 45.988 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075290.D
Acq: 09 Feb 2023 13:16

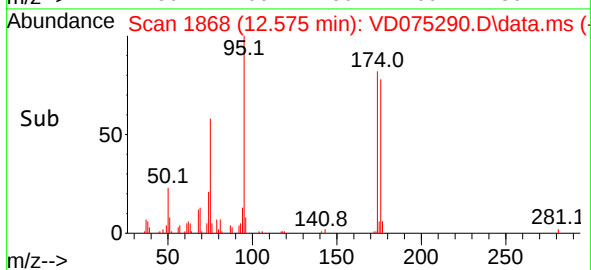
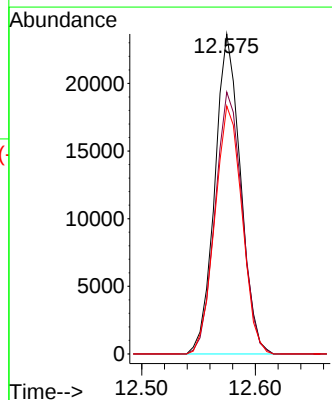
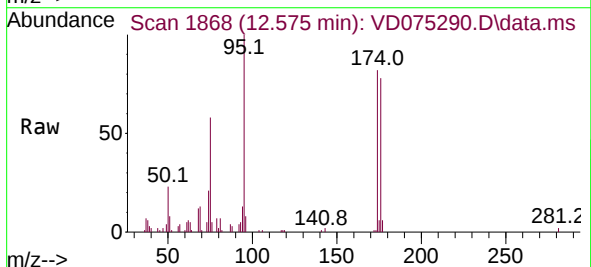
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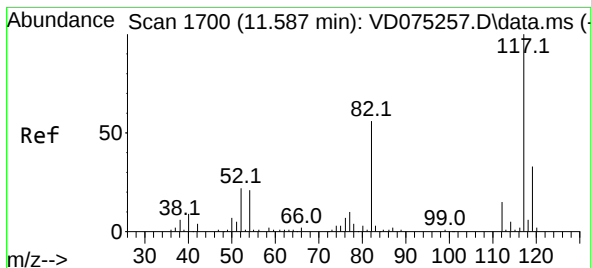
Tgt Ion: 98 Resp: 142087
Ion Ratio Lower Upper
98 100
100 66.1 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 36.463 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075290.D
Acq: 09 Feb 2023 13:16

Tgt Ion: 95 Resp: 37147
Ion Ratio Lower Upper
95 100
174 86.2 0.0 161.2
176 81.9 0.0 160.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD075290.D

Acq: 09 Feb 2023 13:16

Instrument :

MSVOA_D

ClientSampleId :

JPP-51B-020823

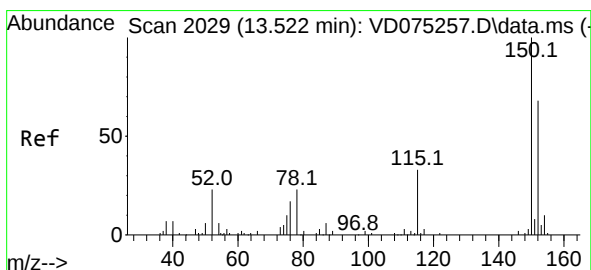
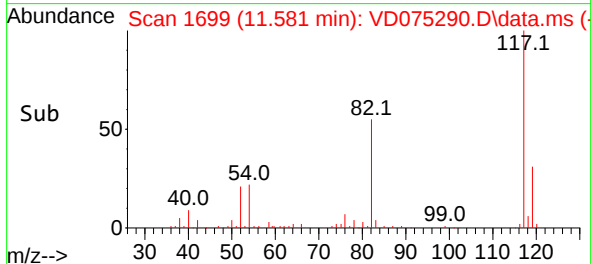
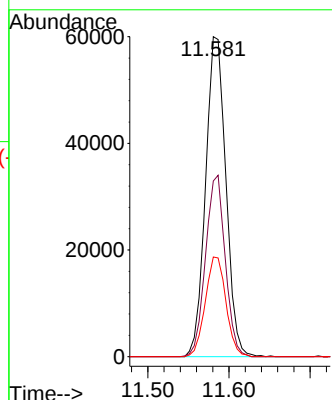
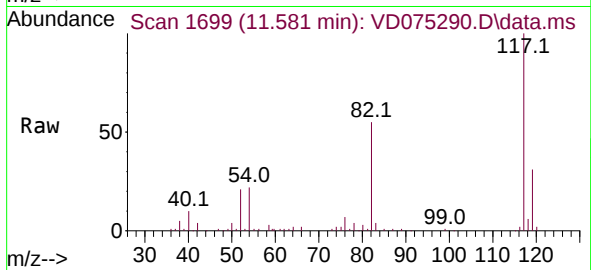
Tgt Ion:117 Resp: 104273

Ion Ratio Lower Upper

117 100

82 54.9 39.6 59.4

119 31.1 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD075290.D

Acq: 09 Feb 2023 13:16

Tgt Ion:152 Resp: 34521

Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.4

150 161.7 0.0 348.6

