

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
 Data File : VD078390.D
 Acq On : 09 Feb 2024 17:27
 Operator : RP/MD
 Sample : P1394-05RE
 Misc : 5.88G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUP-020624RE

Quant Time: Feb 09 23:02:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	93268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	209542	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	233864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	111096	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	55477	48.049	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.100%
35) Dibromofluoromethane	7.804	113	71194	47.724	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.440%
50) Toluene-d8	10.269	98	285587	50.564	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.120%
62) 4-Bromofluorobenzene	12.575	95	95263	56.322	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	112.640%

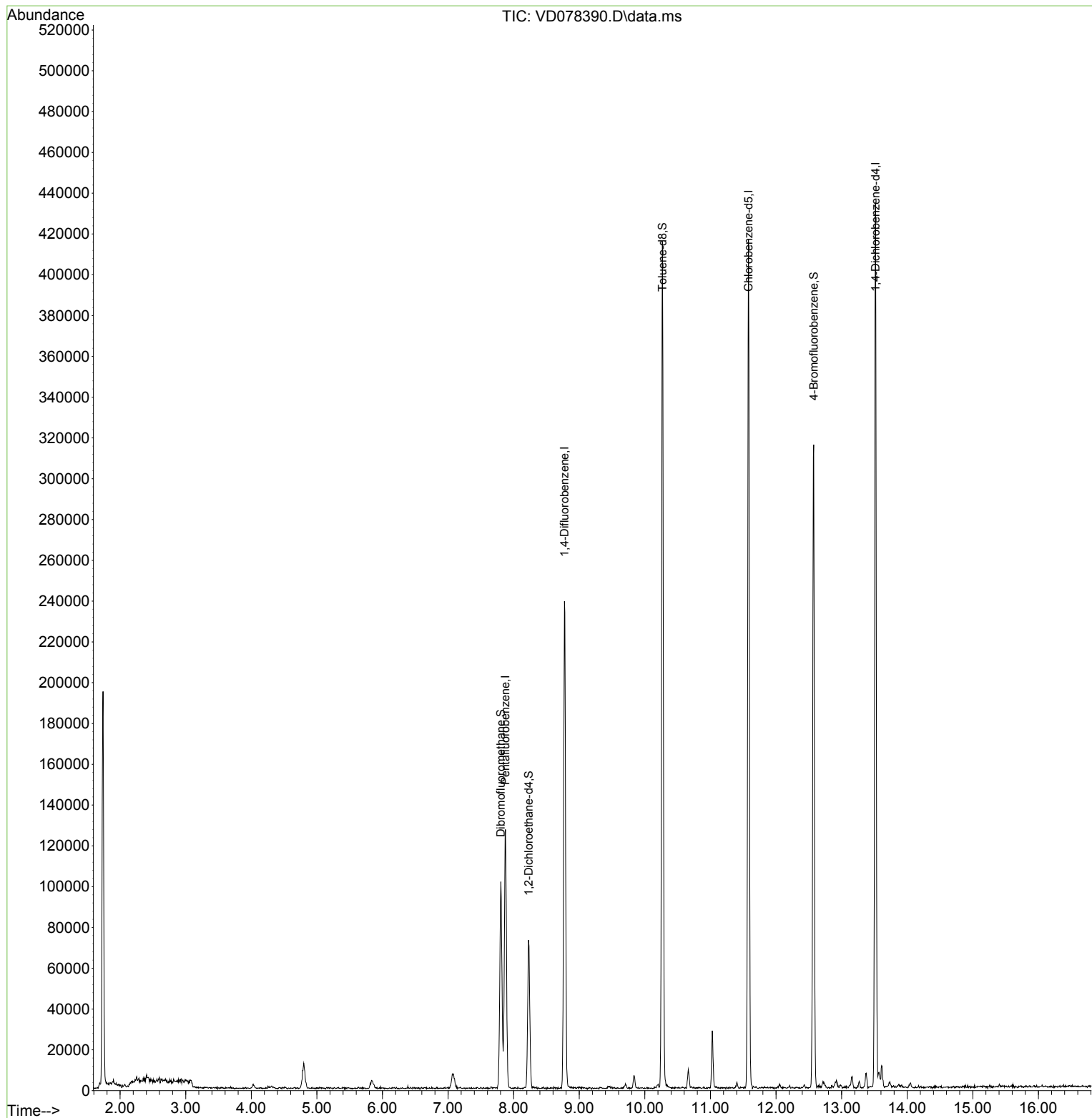
Target Compounds	Qvalue

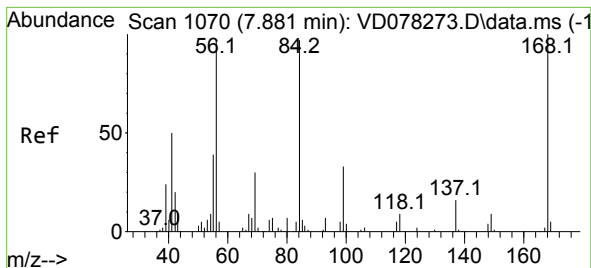
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VD078390.D

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Instrument :

MSVOA_D

ClientSampleId :

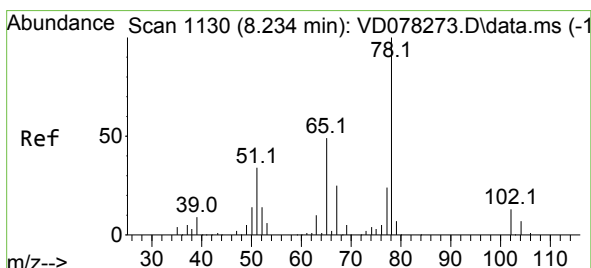
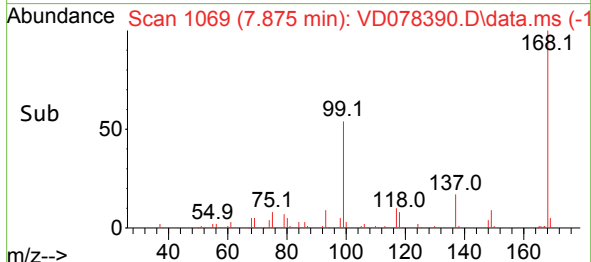
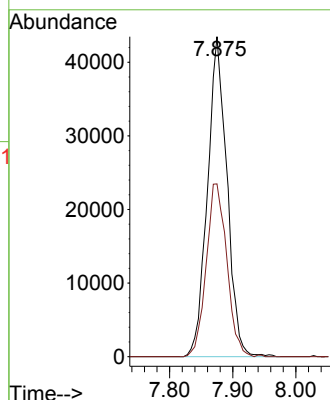
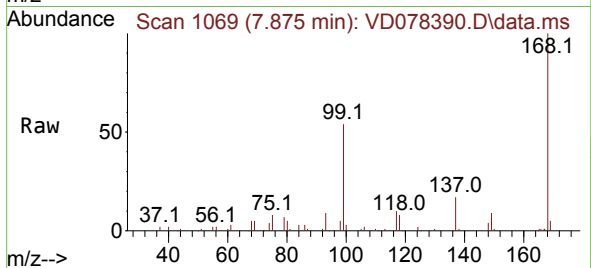
DUP-020624RE

Tgt Ion:168 Resp: 93268

Ion Ratio Lower Upper

168 100

99 54.0 36.7 55.1



#33

1,2-Dichloroethane-d4

Concen: 48.049 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078390.D

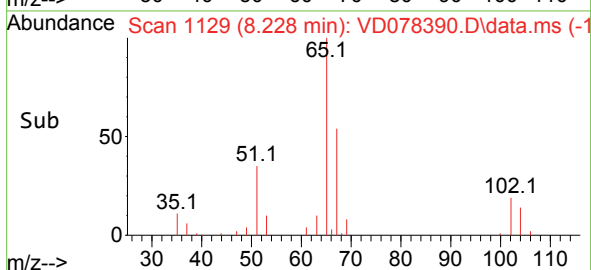
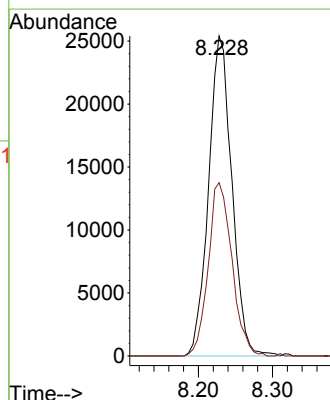
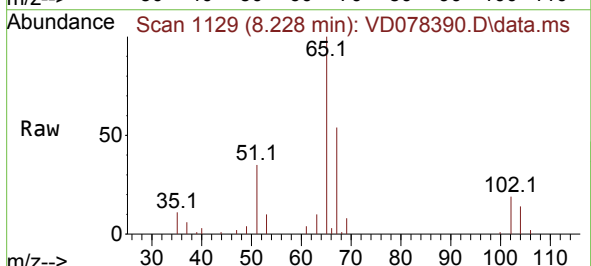
Acq: 09 Feb 2024 17:27

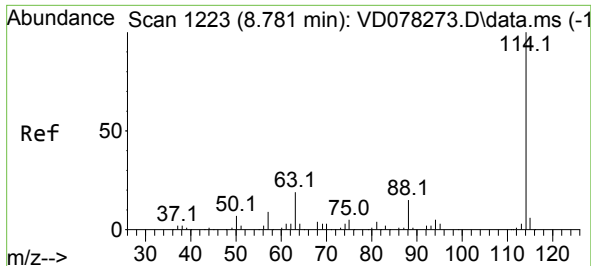
Tgt Ion: 65 Resp: 55477

Ion Ratio Lower Upper

65 100

67 55.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078390.D

Acq: 09 Feb 2024 17:27

Instrument :

MSVOA_D

ClientSampleId :

DUP-020624RE

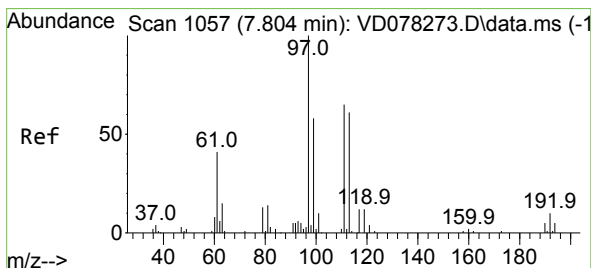
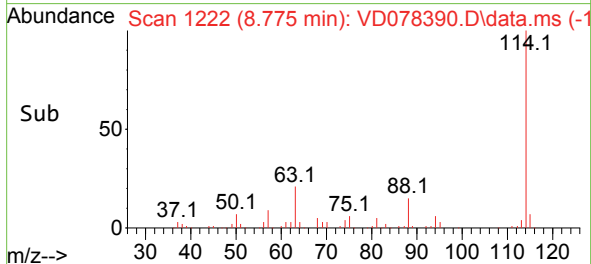
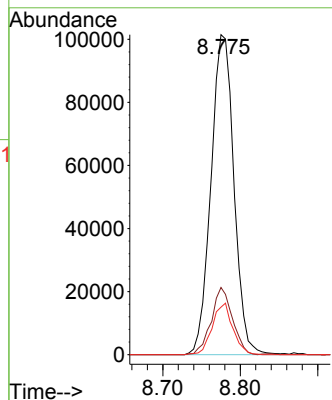
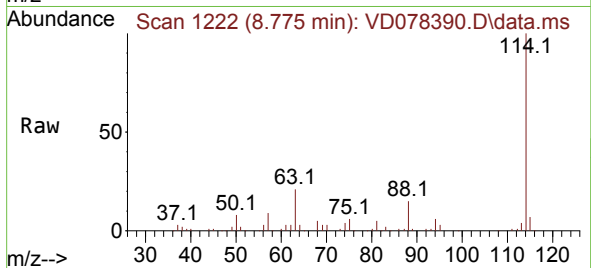
Tgt Ion:114 Resp: 209542

Ion Ratio Lower Upper

114 100

63 21.0 0.0 33.4

88 14.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 47.724 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078390.D

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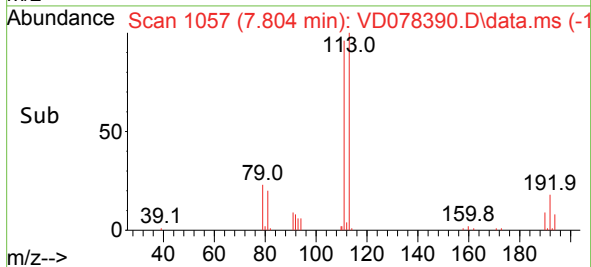
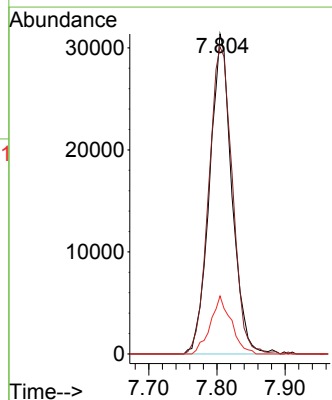
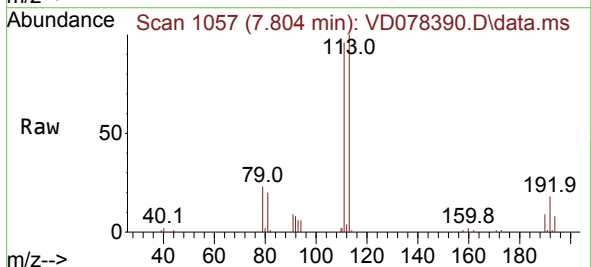
Tgt Ion:113 Resp: 71194

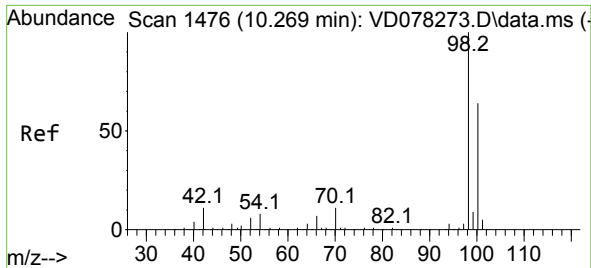
Ion Ratio Lower Upper

113 100

111 102.0 84.7 127.1

192 17.0 16.8 25.2

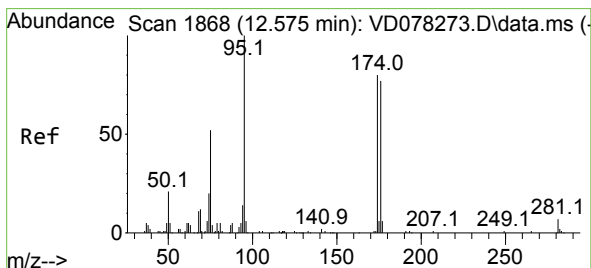
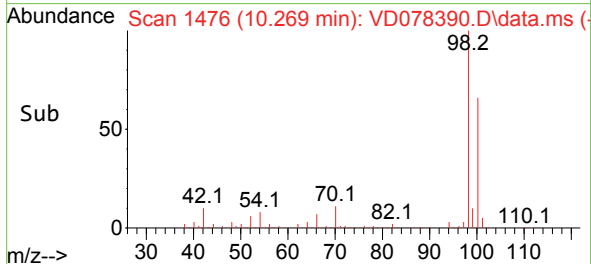
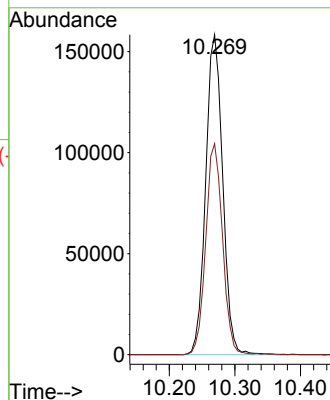
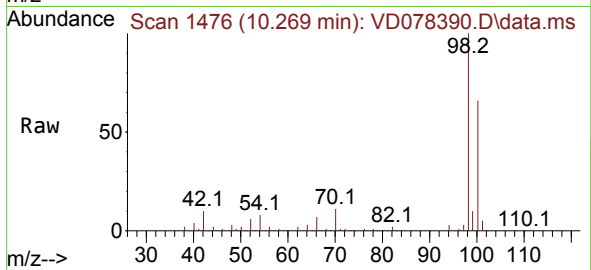




#50
Toluene-d8
Concen: 50.564 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078390.D
Acq: 09 Feb 2024 17:27

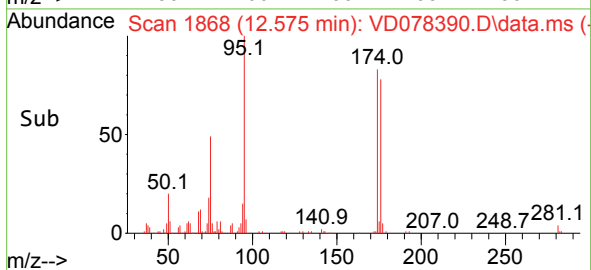
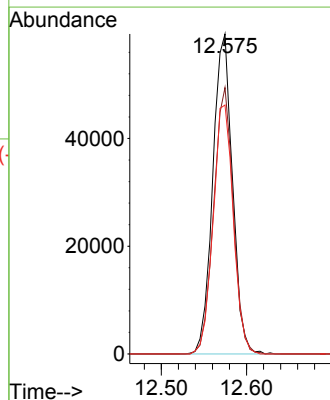
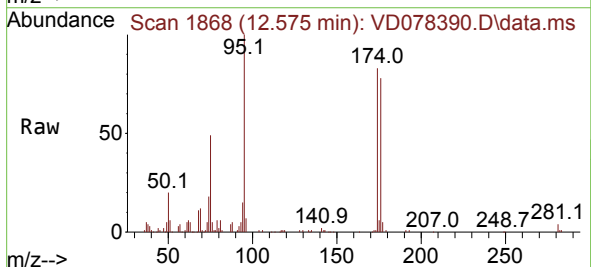
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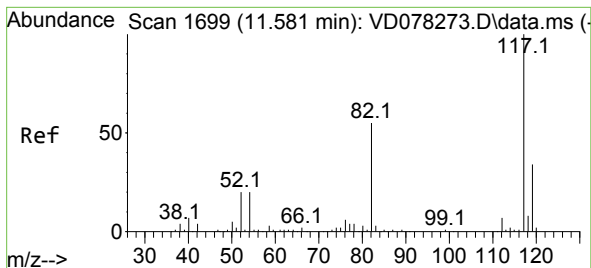
Tgt Ion: 98 Resp: 285587
Ion Ratio Lower Upper
98 100
100 65.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 56.322 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078390.D
Acq: 09 Feb 2024 17:27

Tgt Ion: 95 Resp: 95263
Ion Ratio Lower Upper
95 100
174 83.0 0.0 201.8
176 79.9 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078390.D

Acq: 09 Feb 2024 17:27

Instrument :

MSVOA_D

ClientSampleId :

DUP-020624RE

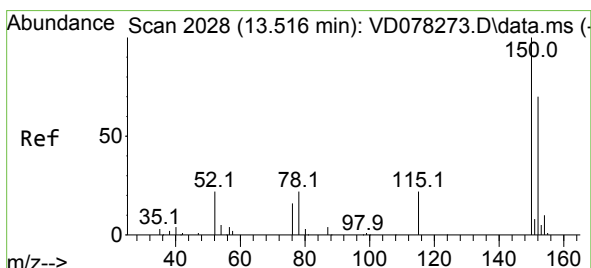
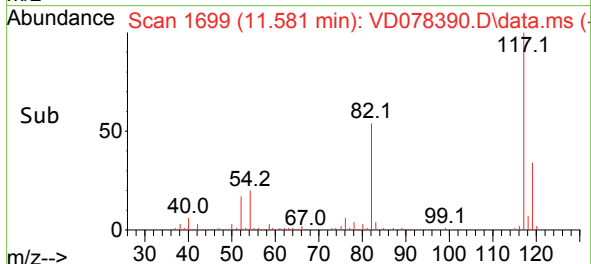
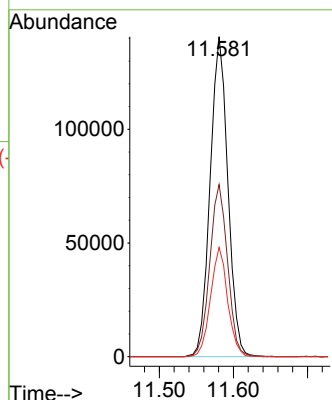
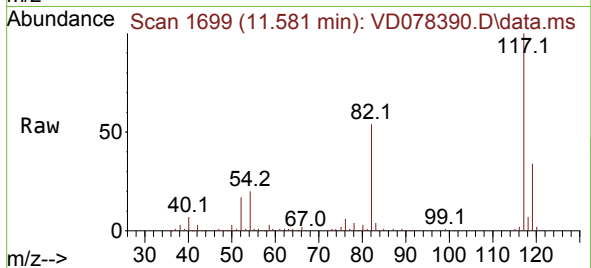
Tgt Ion:117 Resp: 233864

Ion Ratio Lower Upper

117 100

82 53.8 38.3 57.5

119 34.1 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD078390.D

Acq: 09 Feb 2024 17:27

Tgt Ion:152 Resp: 111096

Ion Ratio Lower Upper

152 100

115 58.8 27.1 81.3

150 156.3 0.0 353.6

