

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
 Data File : VD077393.D
 Acq On : 24 Oct 2023 14:34
 Operator : JC/SY
 Sample : 04984-01RE
 Misc : 4.52G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WASTE-VOCRE

Quant Time: Oct 25 04:05:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	113078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	214129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	167179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	43721	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	58147	57.587	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.180%
35) Dibromofluoromethane	7.804	113	72087	47.919	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.840%
50) Toluene-d8	10.269	98	199893	37.103	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.200%
62) 4-Bromofluorobenzene	12.575	95	35887	23.140	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	46.280%

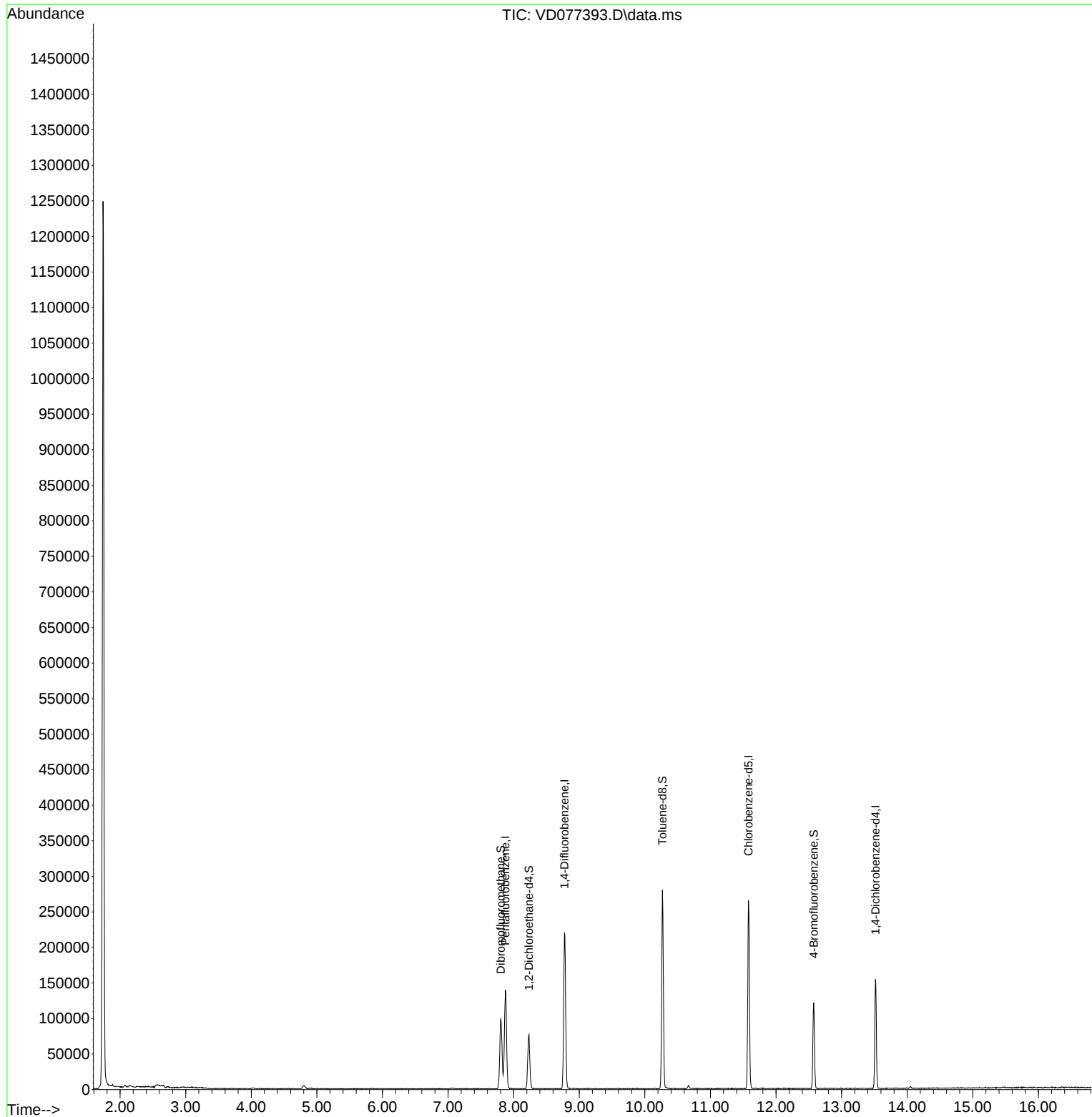
Target Compounds	Qvalue

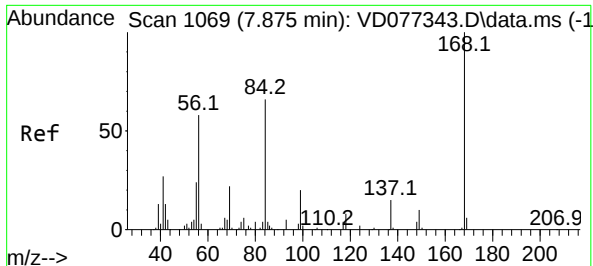
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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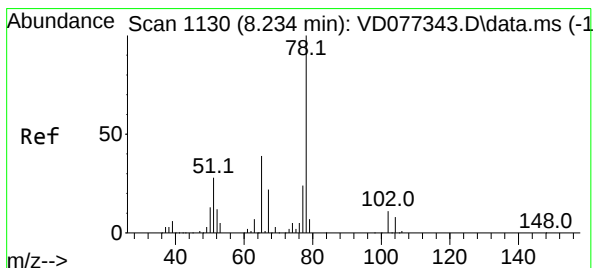
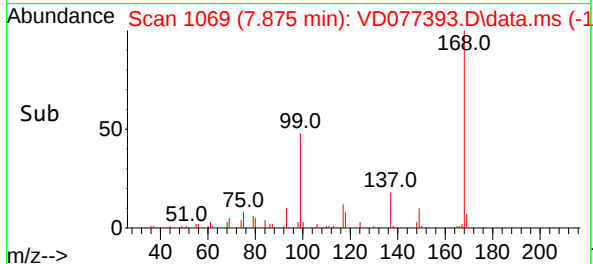
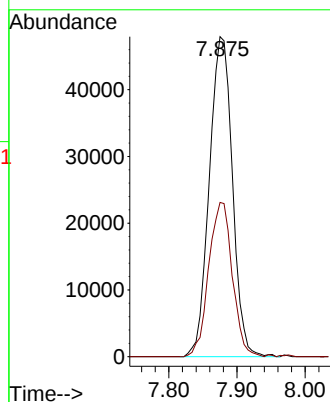
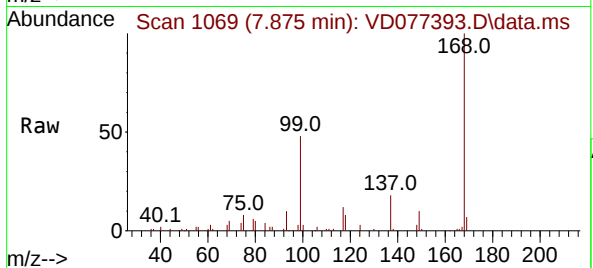




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD077393.D
Acq: 24 Oct 2023 14:34

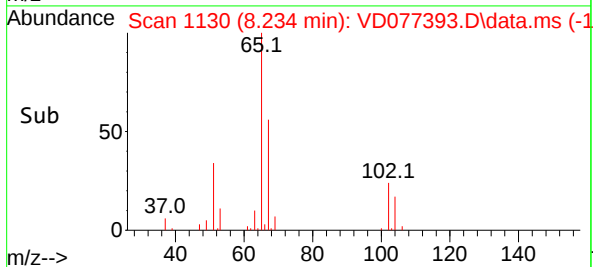
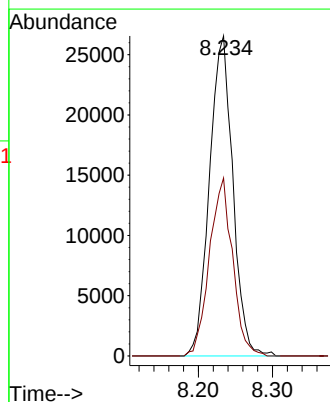
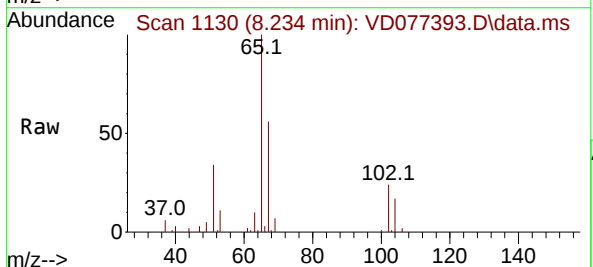
Instrument :
MSVOA_D
ClientSampleId :
WASTE-VOCRE

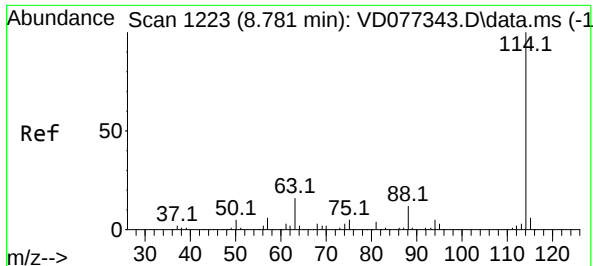
Tgt Ion:168 Resp: 113078
Ion Ratio Lower Upper
168 100
99 48.2 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 57.587 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD077393.D
Acq: 24 Oct 2023 14:34

Tgt Ion: 65 Resp: 58147
Ion Ratio Lower Upper
65 100
67 55.1 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD077393.D

Acq: 24 Oct 2023 14:34

Instrument :

MSVOA_D

ClientSampleId :

WASTE-VOCRE

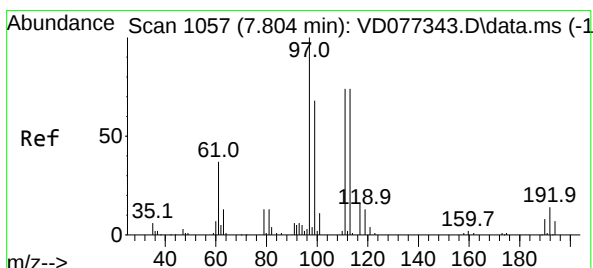
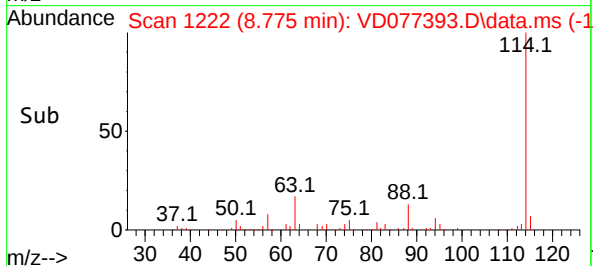
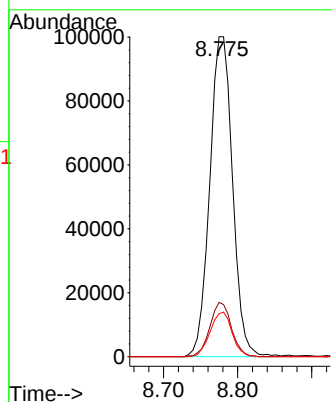
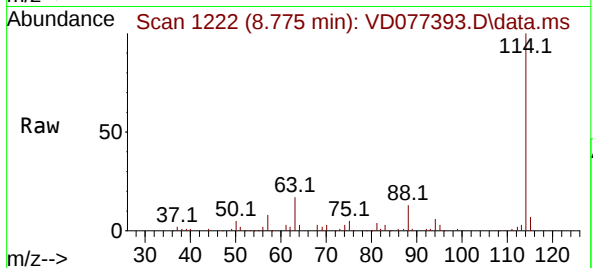
Tgt Ion:114 Resp: 214129

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.4

88 13.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 47.919 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077393.D

Acq: 24 Oct 2023 14:34

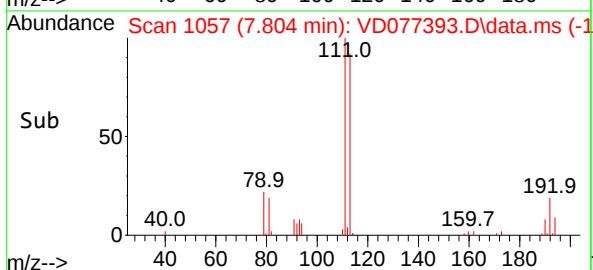
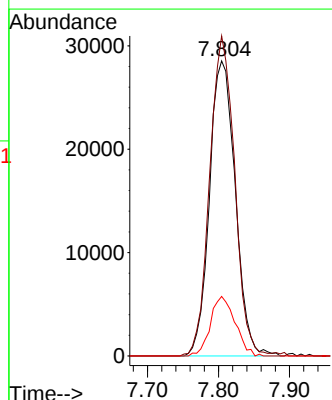
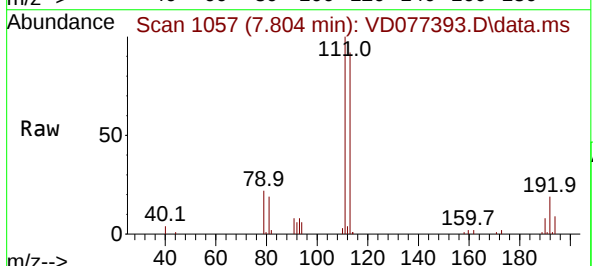
Tgt Ion:113 Resp: 72087

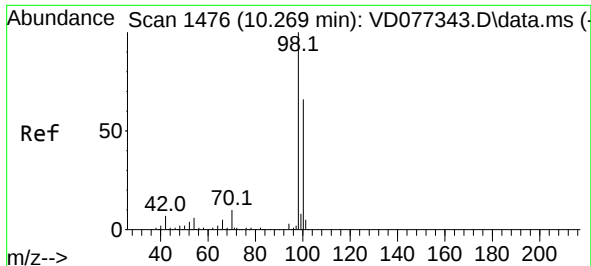
Ion Ratio Lower Upper

113 100

111 104.6 84.7 127.1

192 19.3 16.8 25.2

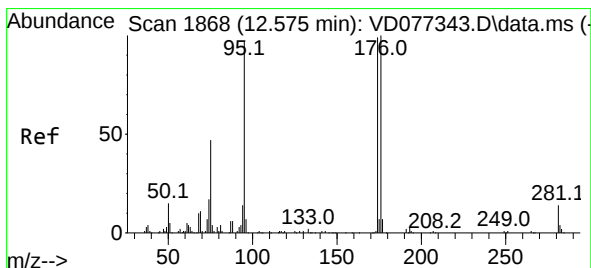
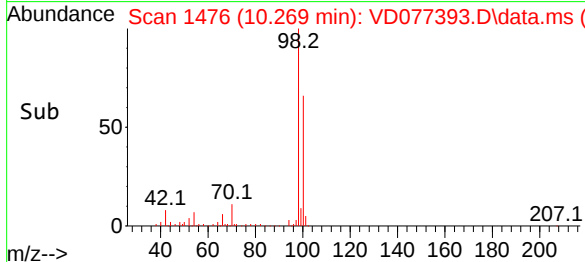
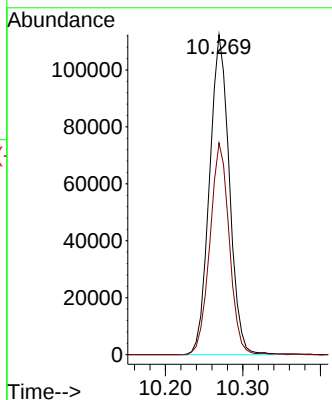
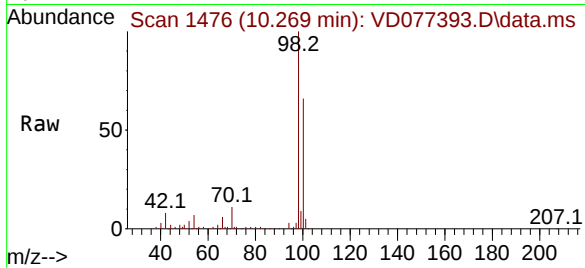




#50
Toluene-d8
Concen: 37.103 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077393.D
Acq: 24 Oct 2023 14:34

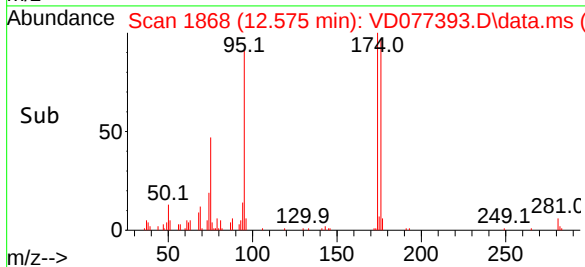
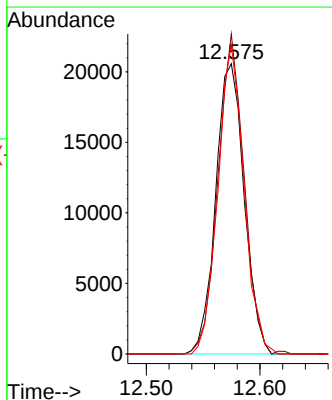
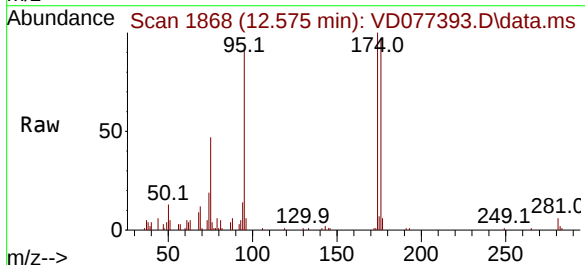
Instrument :
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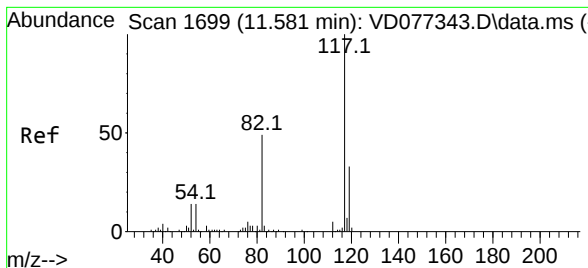
Tgt Ion: 98 Resp: 199893
Ion Ratio Lower Upper
98 100
100 64.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 23.140 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077393.D
Acq: 24 Oct 2023 14:34

Tgt Ion: 95 Resp: 35887
Ion Ratio Lower Upper
95 100
174 101.0 0.0 201.8
176 97.6 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: VD077393.D

Acq: 24 Oct 2023 14:34

Instrument :

MSVOA_D

ClientSampleId :

WASTE-VOCRE

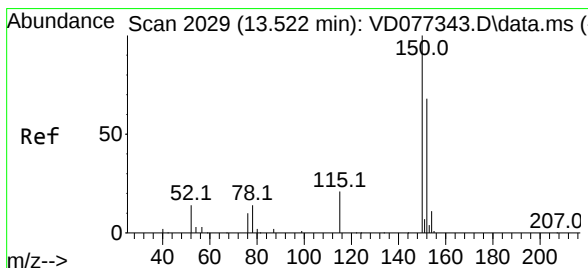
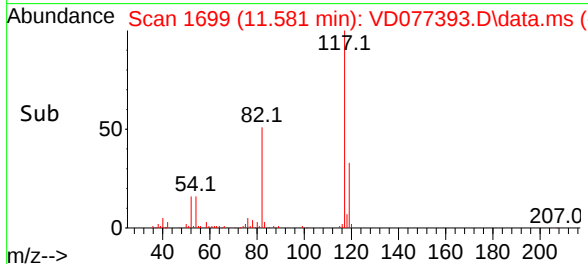
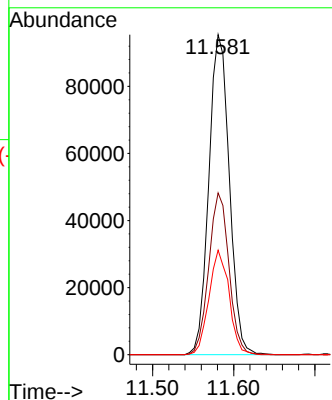
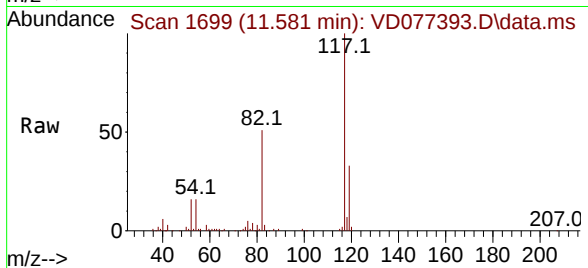
Tgt Ion:117 Resp: 167179

Ion Ratio Lower Upper

117 100

82 50.5 38.3 57.5

119 32.7 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD077393.D

Acq: 24 Oct 2023 14:34

Tgt Ion:152 Resp: 43721

Ion Ratio Lower Upper

152 100

115 54.0 27.1 81.3

150 160.5 0.0 353.6

