

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102023\
 Data File : VD077365.D
 Acq On : 20 Oct 2023 15:35
 Operator : JC/SY
 Sample : 04984-01
 Misc : 4.30G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WASTE-VOC

Quant Time: Oct 21 05:29:56 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	125887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	238746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	208629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	69773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	61970	55.129	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.260%
35) Dibromofluoromethane	7.804	113	70922	42.284	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.560%
50) Toluene-d8	10.269	98	212304	35.343	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	70.680%
62) 4-Bromofluorobenzene	12.575	95	46989	27.175	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	54.340%

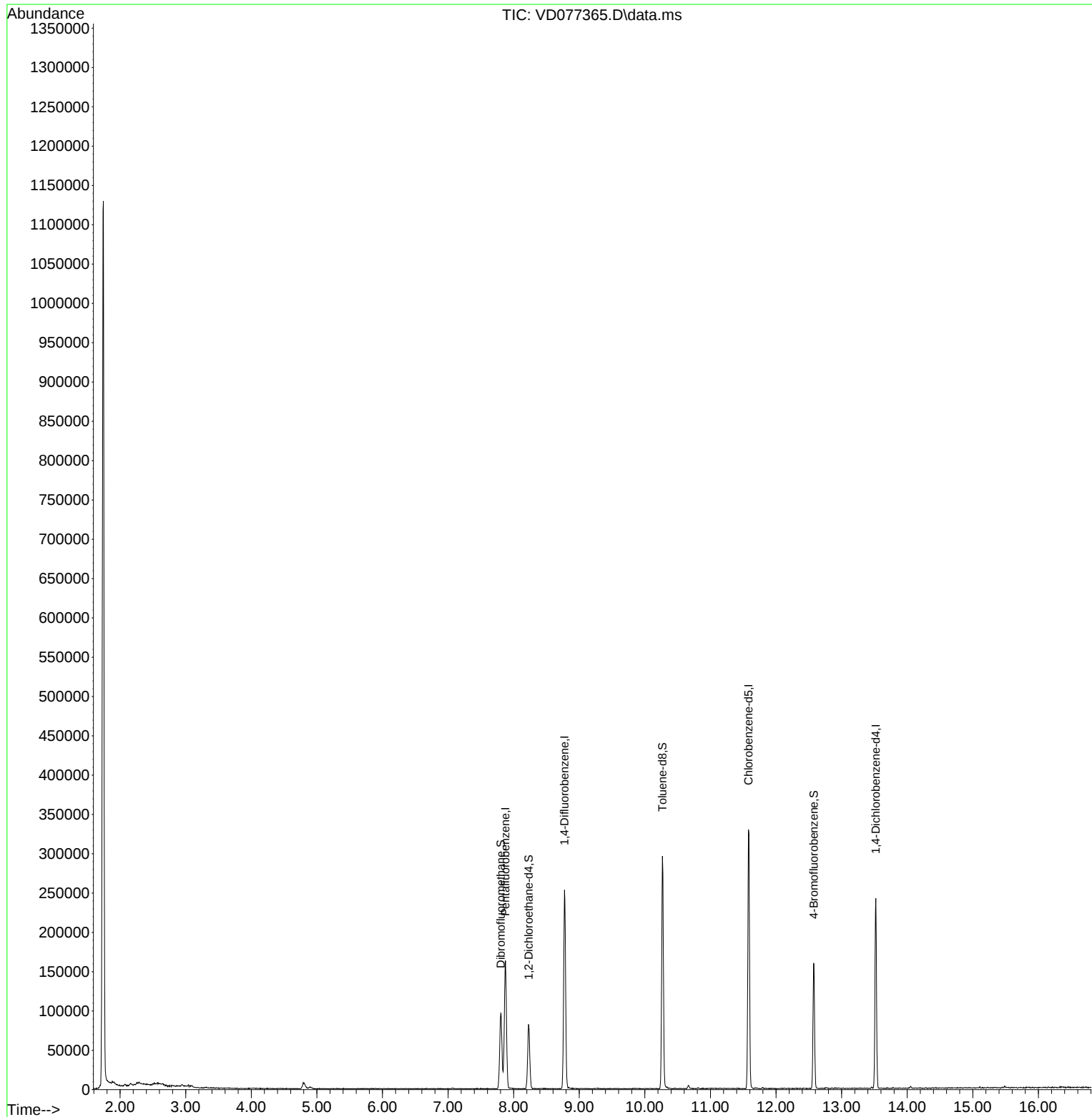
Target Compounds	Qvalue

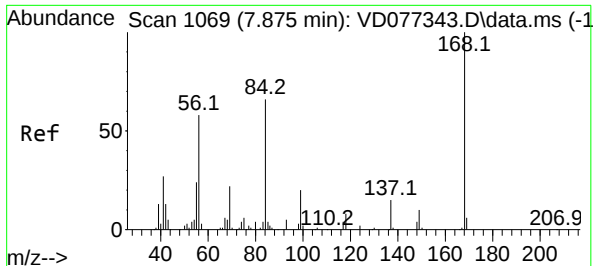
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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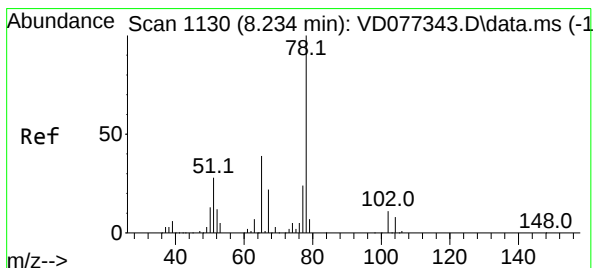
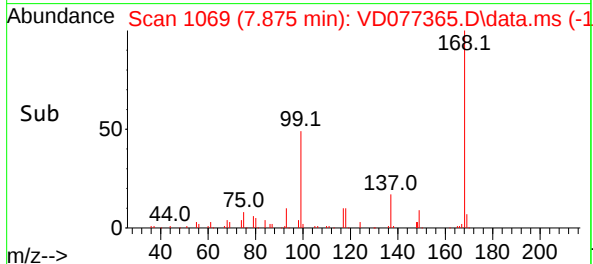
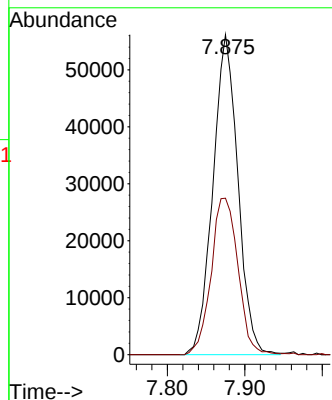
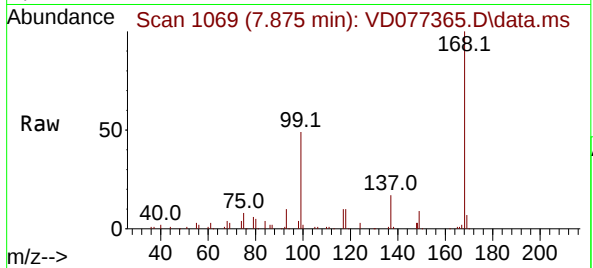




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077365.D
Acq: 20 Oct 2023 15:35

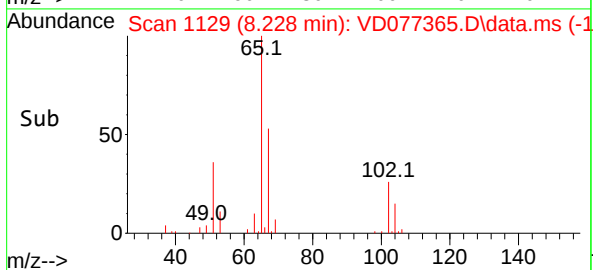
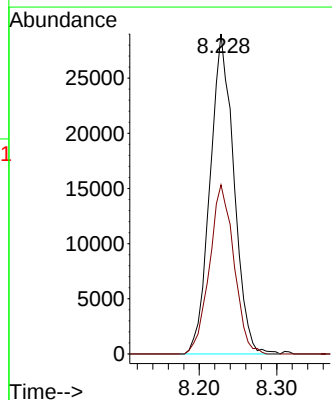
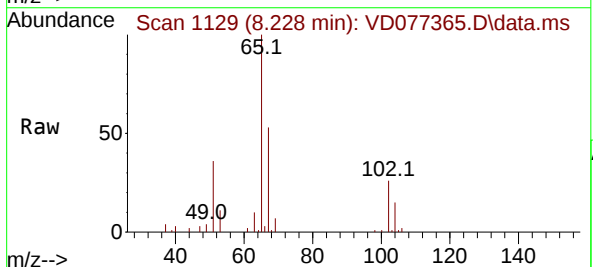
Instrument :
MSVOA_D
ClientSampleId :
WASTE-VOC

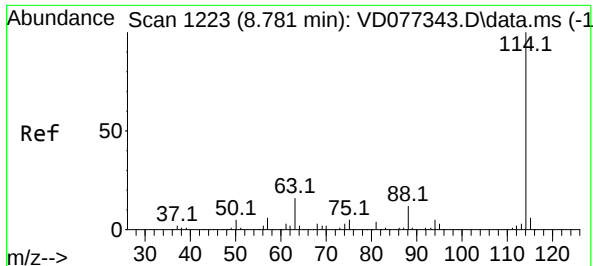
Tgt Ion:168 Resp: 125887
Ion Ratio Lower Upper
168 100
99 48.9 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 55.129 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD077365.D
Acq: 20 Oct 2023 15:35

Tgt Ion: 65 Resp: 61970
Ion Ratio Lower Upper
65 100
67 54.1 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: VD077365.D

Acq: 20 Oct 2023 15:35

Instrument :

MSVOA_D

ClientSampleId :

WASTE-VOC

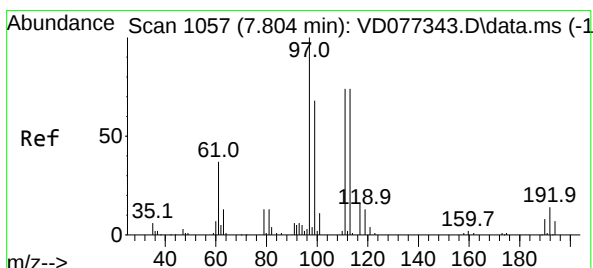
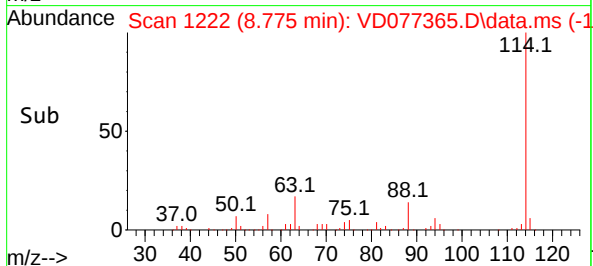
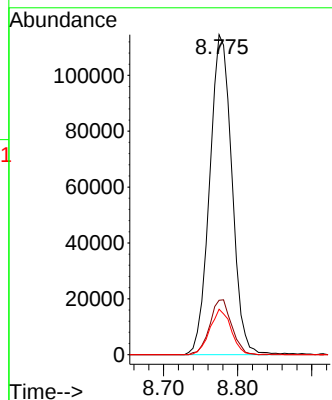
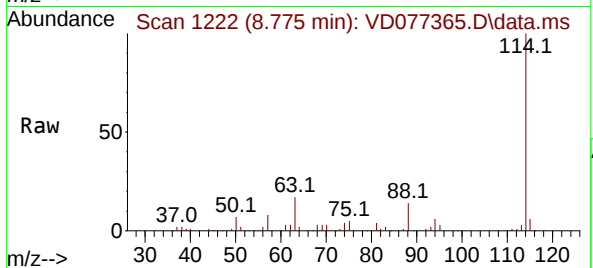
Tgt Ion:114 Resp: 238746

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.4

88 14.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 42.284 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077365.D

Acq: 20 Oct 2023 15:35

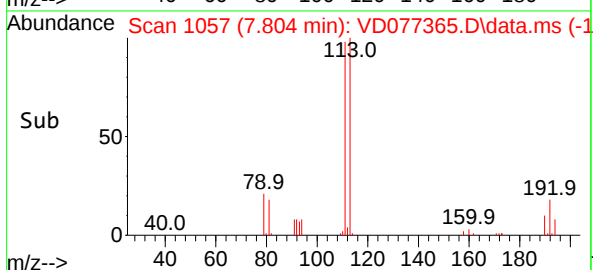
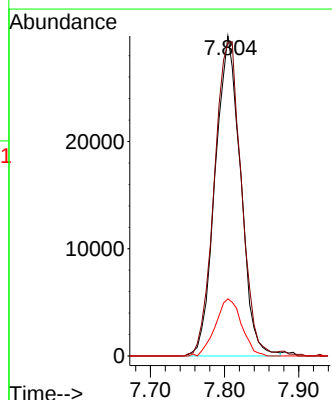
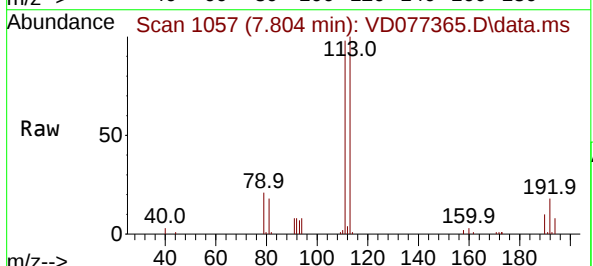
Tgt Ion:113 Resp: 70922

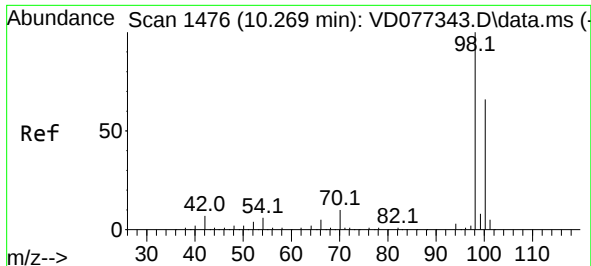
Ion Ratio Lower Upper

113 100

111 104.5 84.7 127.1

192 18.3 16.8 25.2

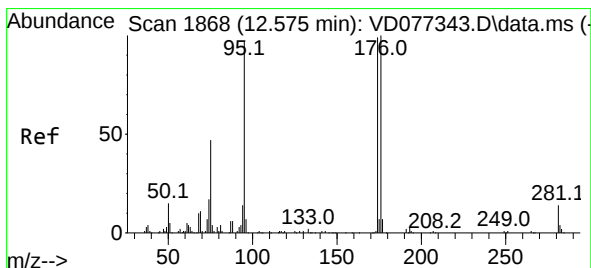
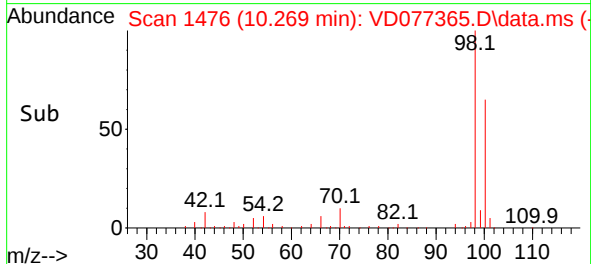
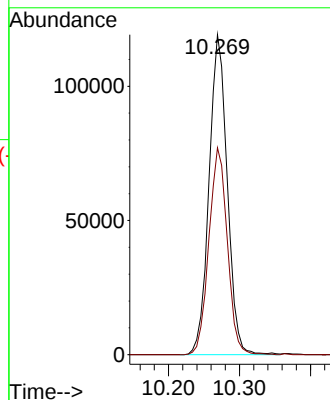
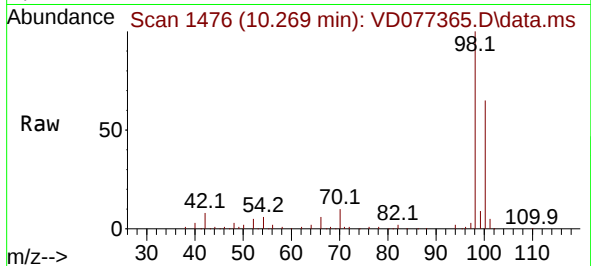




#50
Toluene-d8
Concen: 35.343 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077365.D
Acq: 20 Oct 2023 15:35

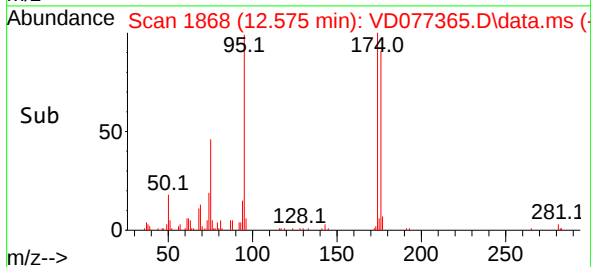
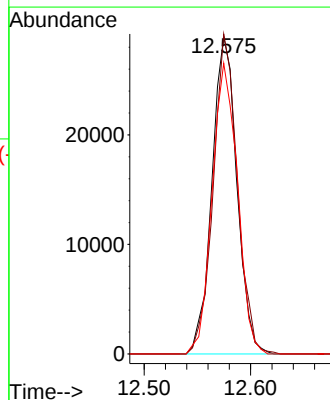
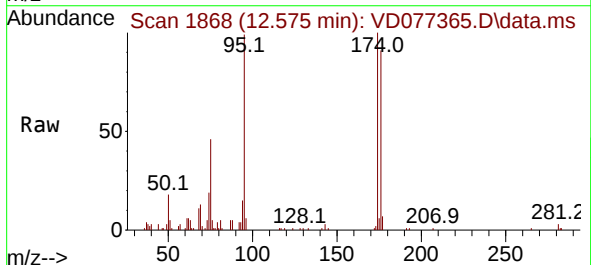
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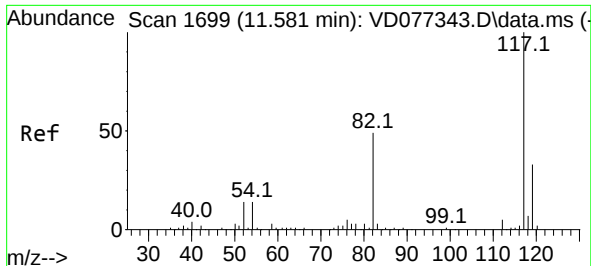
Tgt Ion: 98 Resp: 212304
Ion Ratio Lower Upper
98 100
100 65.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 27.175 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077365.D
Acq: 20 Oct 2023 15:35

Tgt Ion: 95 Resp: 46989
Ion Ratio Lower Upper
95 100
174 97.6 0.0 201.8
176 93.4 0.0 191.8

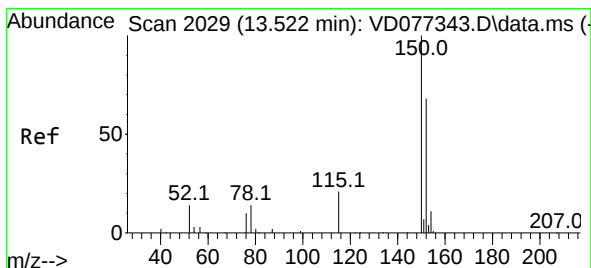
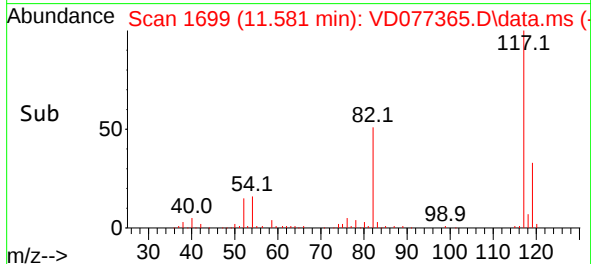
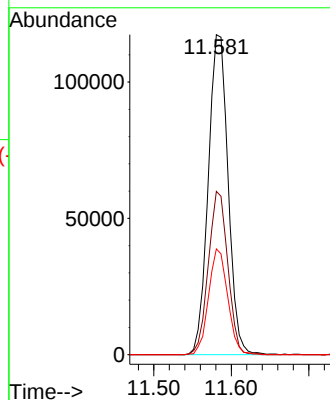
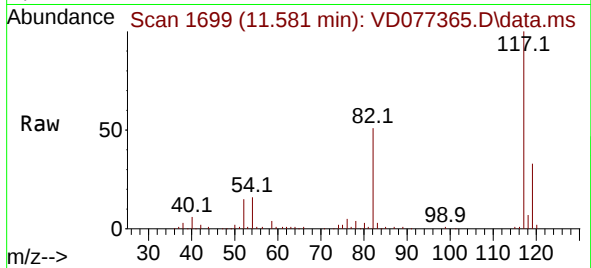




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077365.D
Acq: 20 Oct 2023 15:35

Instrument :
MSVOA_D
ClientSampleId :
WASTE-VOC

Tgt Ion:117 Resp: 208629
Ion Ratio Lower Upper
117 100
82 51.0 38.3 57.5
119 33.0 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: VD077365.D
Acq: 20 Oct 2023 15:35

Tgt Ion:152 Resp: 69773
Ion Ratio Lower Upper
152 100
115 52.0 27.1 81.3
150 154.0 0.0 353.6

