

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102023\
 Data File : VD077372.D
 Acq On : 20 Oct 2023 18:40
 Operator : JC/SY
 Sample : 04960-01
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VAUX-SLUDGE

Quant Time: Oct 21 05:32:16 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	122505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	232866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	216077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	77062	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	62888	57.490	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.980%
35) Dibromofluoromethane	7.810	113	74368	45.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.920%
50) Toluene-d8	10.269	98	235792	40.245	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.480%
62) 4-Bromofluorobenzene	12.575	95	55221	32.742	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.480%

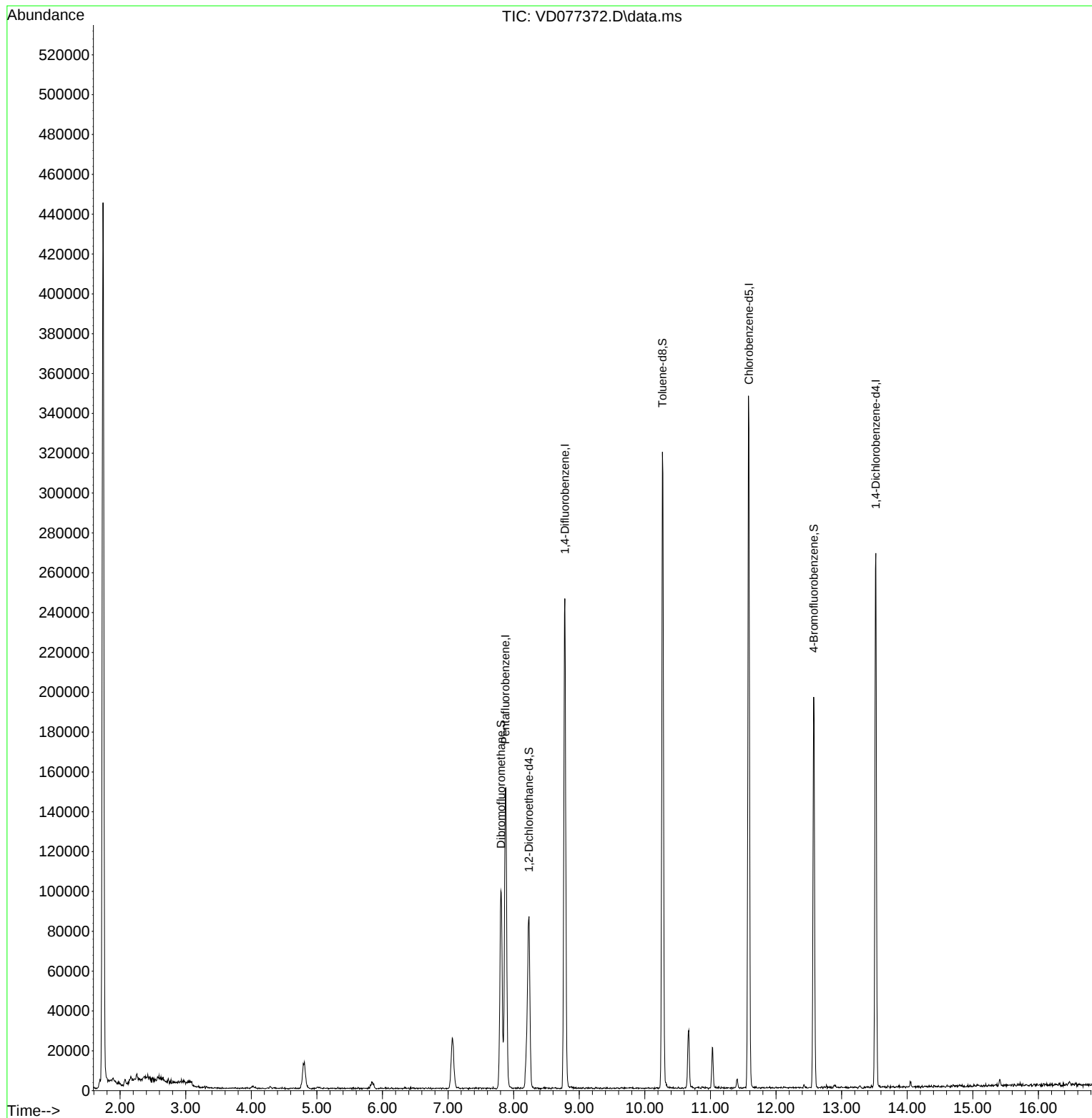
Target Compounds	Qvalue

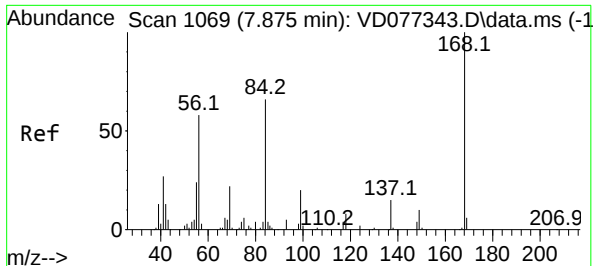
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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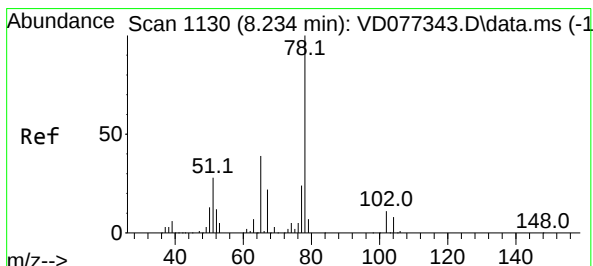
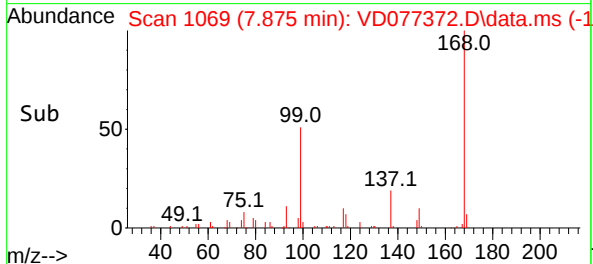
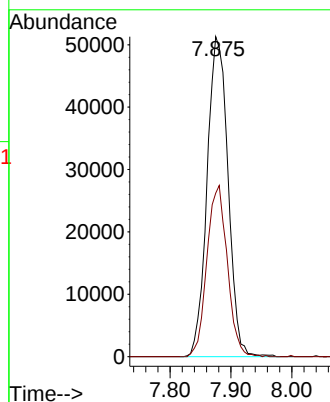
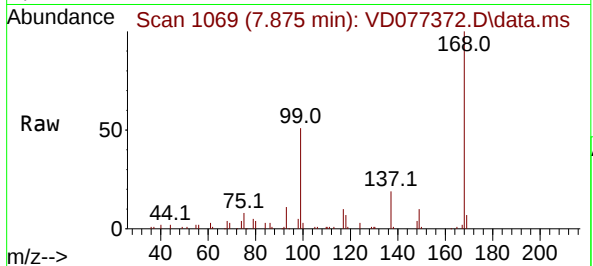




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077372.D
Acq: 20 Oct 2023 18:40

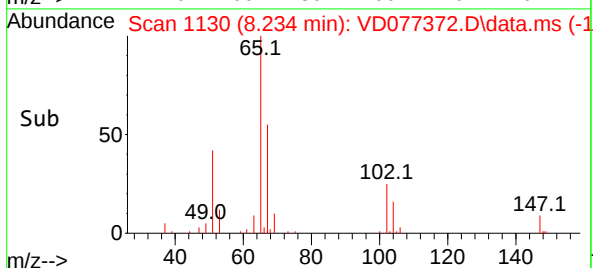
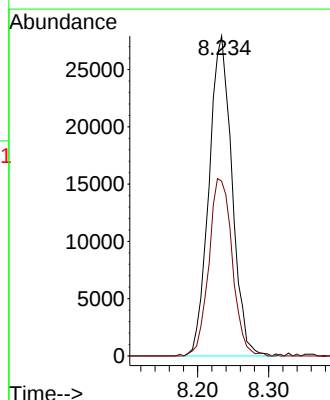
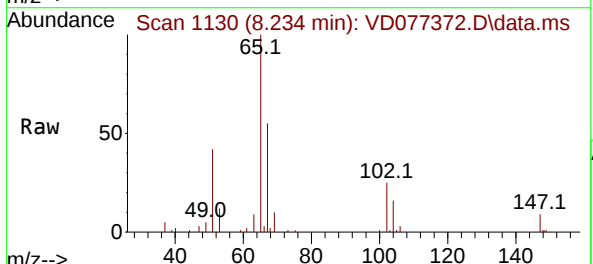
Instrument :
MSVOA_D
ClientSampleId :
VAUX-SLUDGE

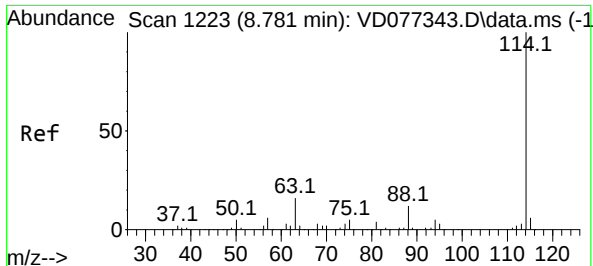
Tgt Ion:168 Resp: 122505
Ion Ratio Lower Upper
168 100
99 51.1 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 57.490 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD077372.D
Acq: 20 Oct 2023 18:40

Tgt Ion: 65 Resp: 62888
Ion Ratio Lower Upper
65 100
67 56.4 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077372.D

Acq: 20 Oct 2023 18:40

Instrument :

MSVOA_D

ClientSampleId :

VAUX-SLUDGE

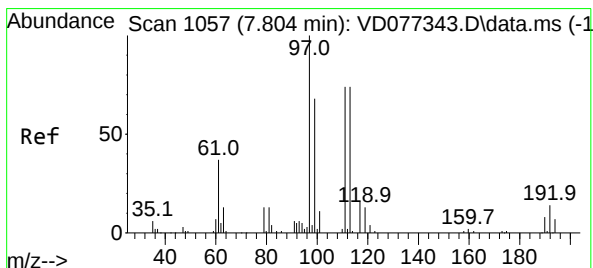
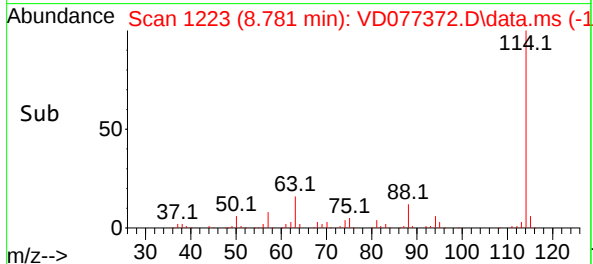
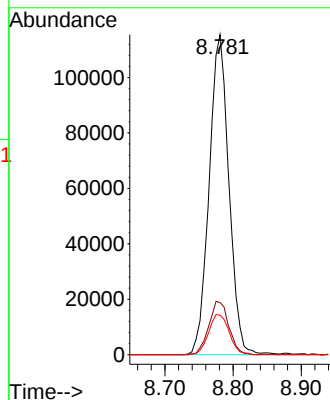
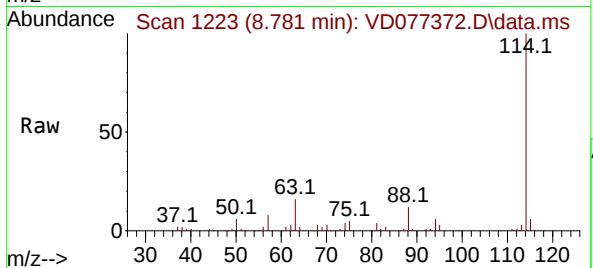
Tgt Ion:114 Resp: 232866

Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.4

88 12.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 45.458 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077372.D

Acq: 20 Oct 2023 18:40

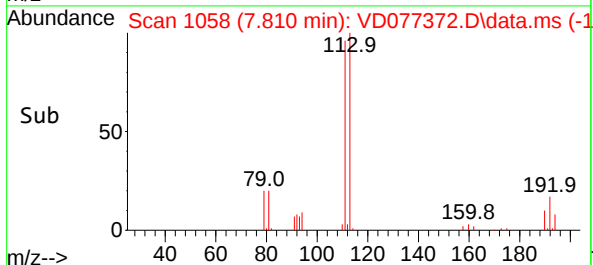
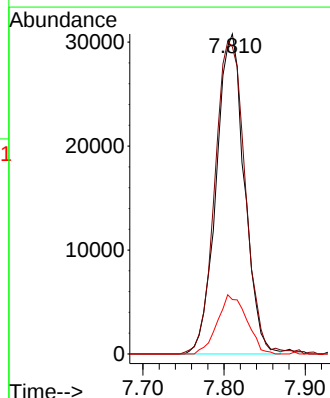
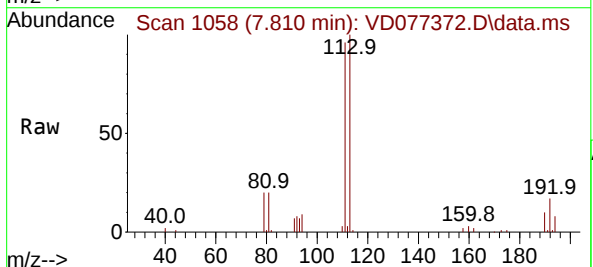
Tgt Ion:113 Resp: 74368

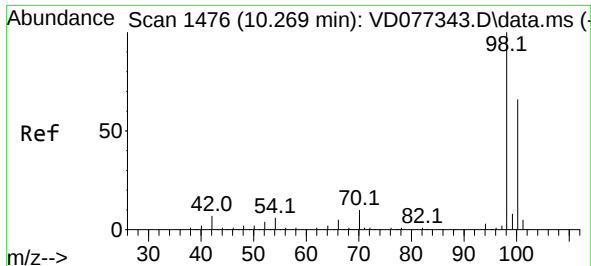
Ion Ratio Lower Upper

113 100

111 105.1 84.7 127.1

192 19.1 16.8 25.2

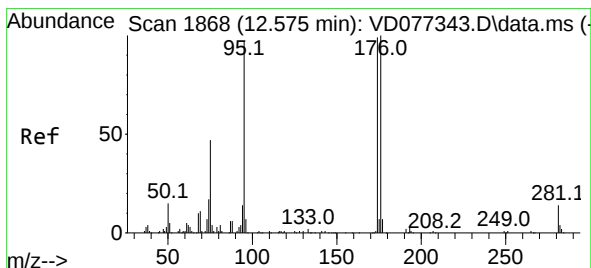
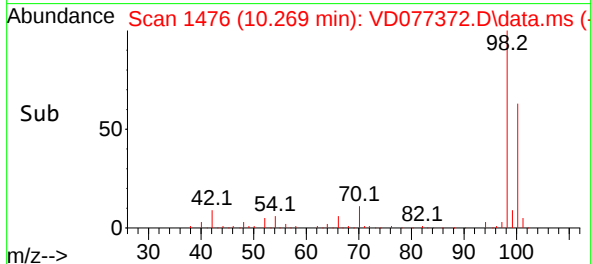
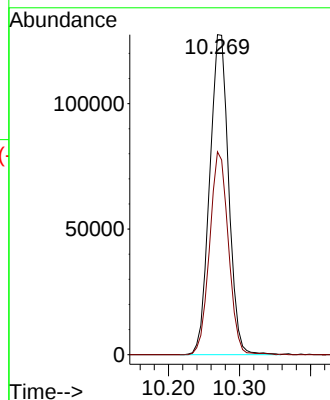
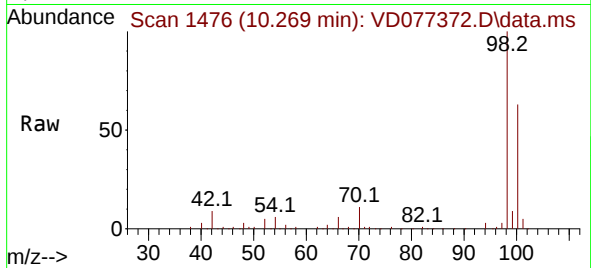




#50
Toluene-d8
Concen: 40.245 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077372.D
Acq: 20 Oct 2023 18:40

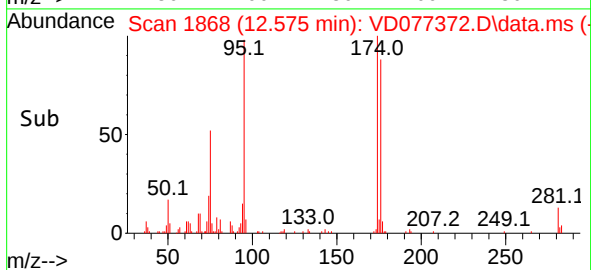
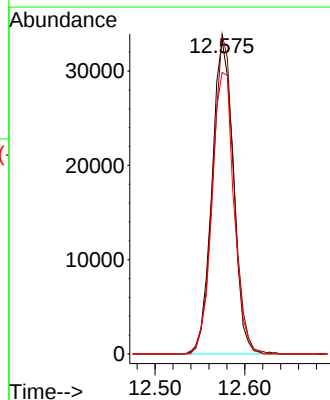
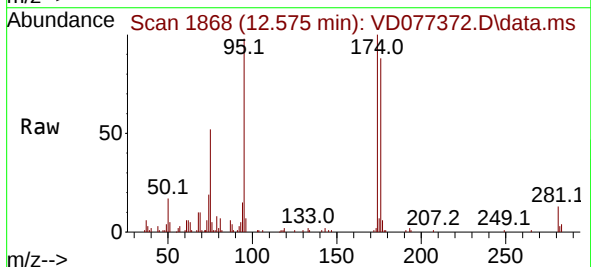
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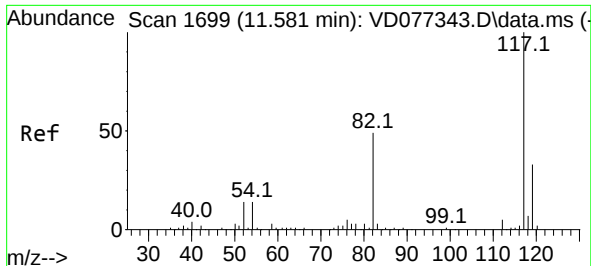
Tgt Ion: 98 Resp: 235792
Ion Ratio Lower Upper
98 100
100 62.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 32.742 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077372.D
Acq: 20 Oct 2023 18:40

Tgt Ion: 95 Resp: 55221
Ion Ratio Lower Upper
95 100
174 99.9 0.0 201.8
176 91.8 0.0 191.8

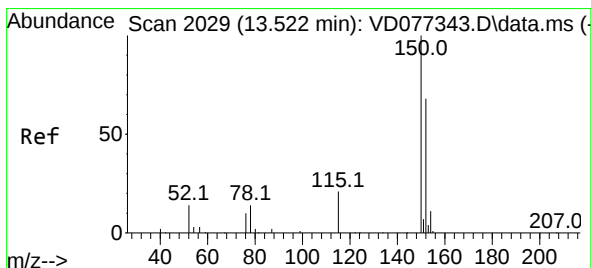
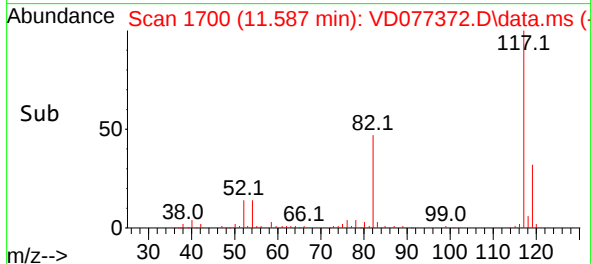
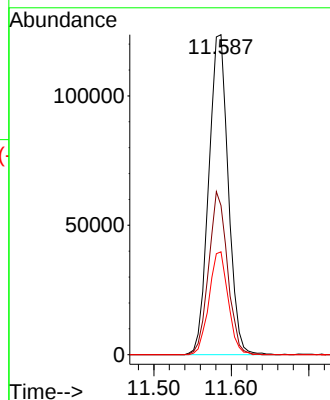
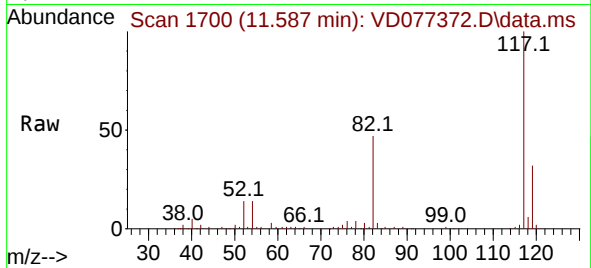




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077372.D
Acq: 20 Oct 2023 18:40

Instrument :
MSVOA_D
ClientSampleId :
VAUX-SLUDGE

Tgt Ion:117 Resp: 216077
Ion Ratio Lower Upper
117 100
82 46.6 38.3 57.5
119 32.1 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: VD077372.D
Acq: 20 Oct 2023 18:40

Tgt Ion:152 Resp: 77062
Ion Ratio Lower Upper
152 100
115 53.0 27.1 81.3
150 155.0 0.0 353.6

