

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102023\
 Data File : VD077368.D
 Acq On : 20 Oct 2023 16:52
 Operator : JC/SY
 Sample : 05001-03
 Misc : 6.79G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 486-WC-GRAB

Quant Time: Oct 21 05:30:58 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	119666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	230342	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	186957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	51203	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	64093	59.981	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.960%
35) Dibromofluoromethane	7.810	113	79264	48.981	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.960%
50) Toluene-d8	10.269	98	231430	39.933	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.860%
62) 4-Bromofluorobenzene	12.575	95	47578	28.519	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	57.040%

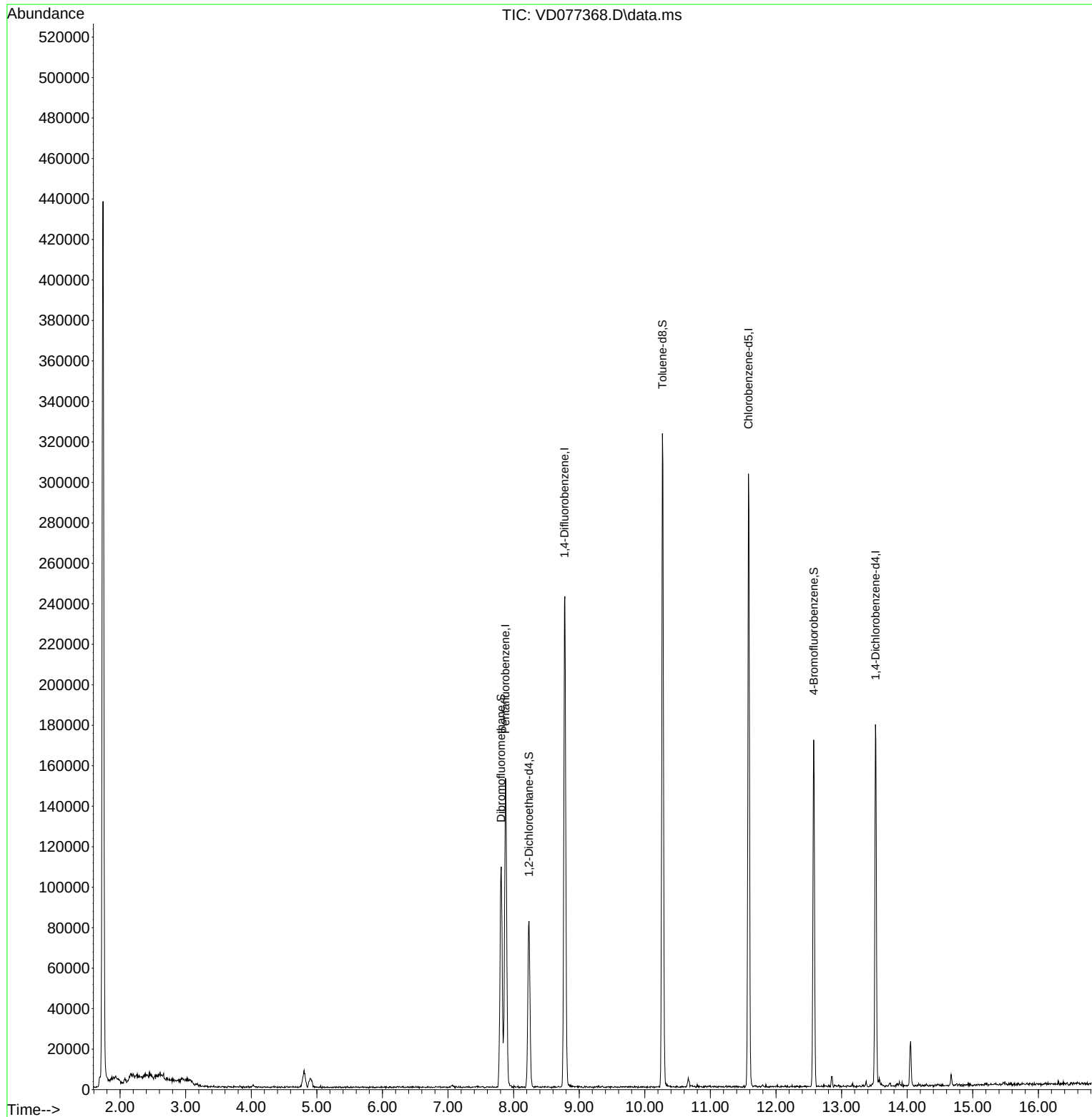
Target Compounds	Qvalue

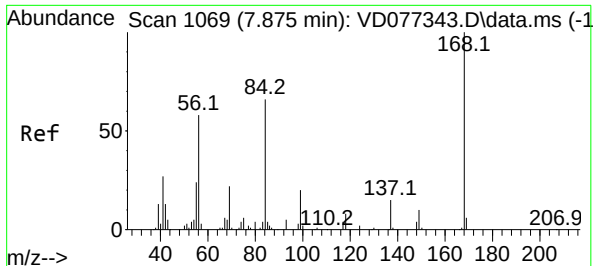
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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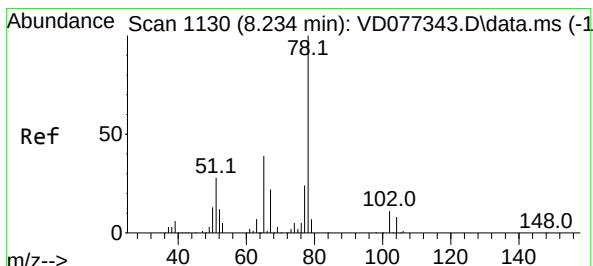
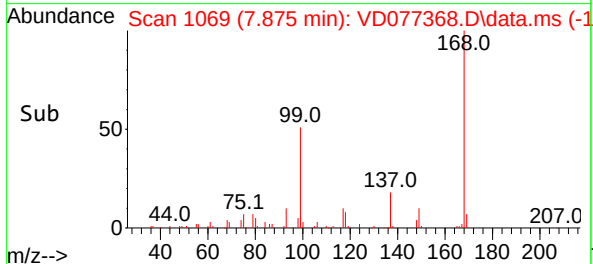
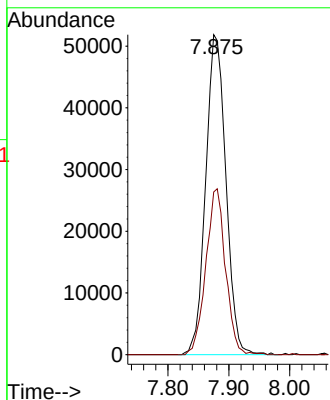
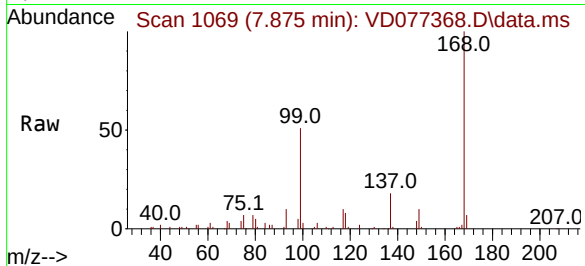




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077368.D
Acq: 20 Oct 2023 16:52

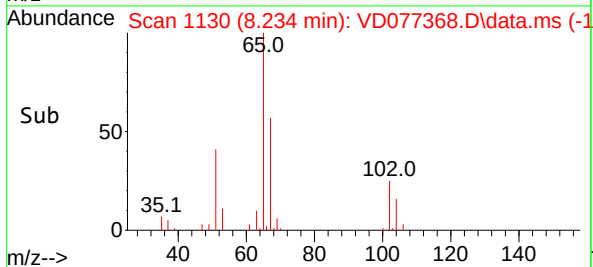
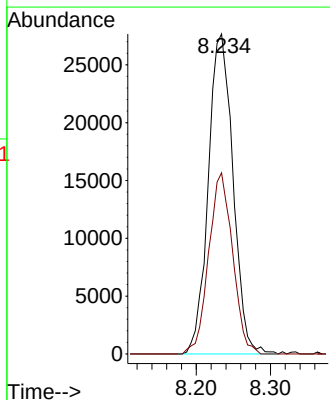
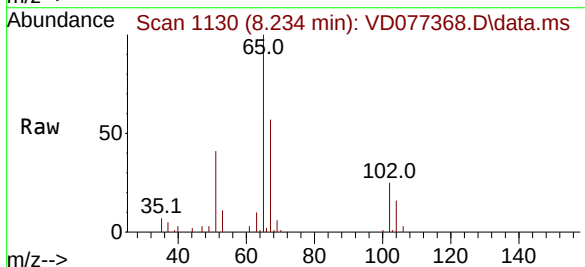
Instrument :
MSVOA_D
ClientSampleId :
486-WC-GRAB

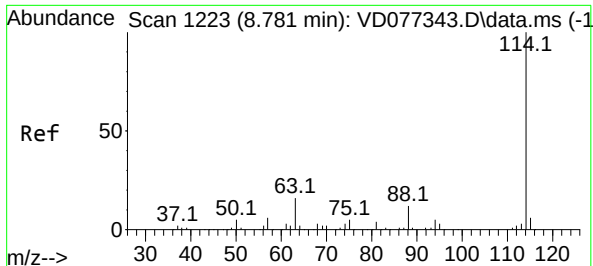
Tgt Ion:168 Resp: 119666
Ion Ratio Lower Upper
168 100
99 50.8 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 59.981 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD077368.D
Acq: 20 Oct 2023 16:52

Tgt Ion: 65 Resp: 64093
Ion Ratio Lower Upper
65 100
67 54.7 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: VD077368.D

Acq: 20 Oct 2023 16:52

Instrument :

MSVOA_D

ClientSampleId :

486-WC-GRAB

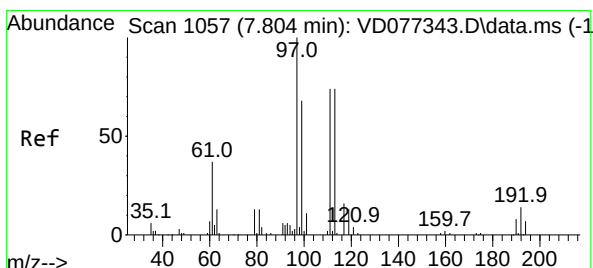
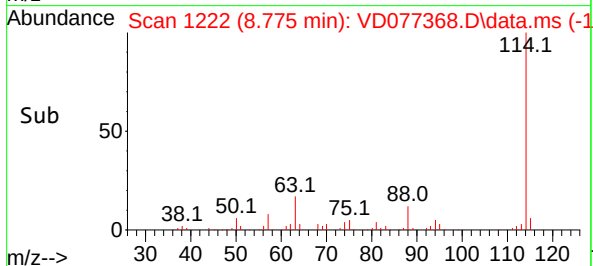
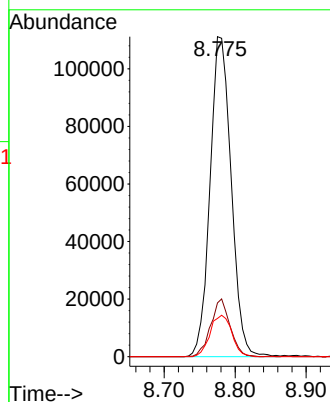
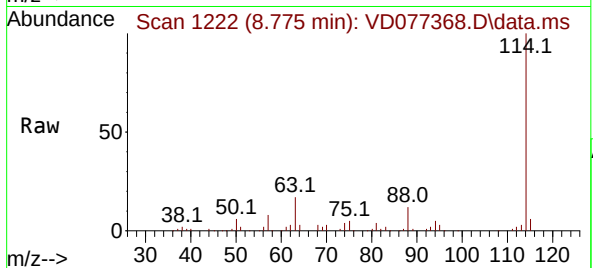
Tgt Ion:114 Resp: 230342

Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

88 12.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 48.981 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077368.D

Acq: 20 Oct 2023 16:52

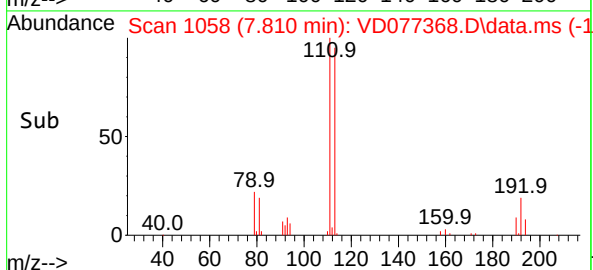
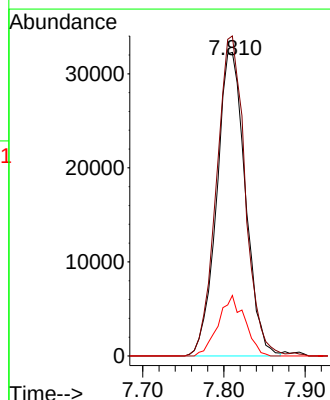
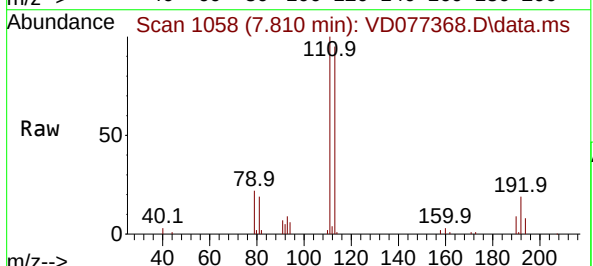
Tgt Ion:113 Resp: 79264

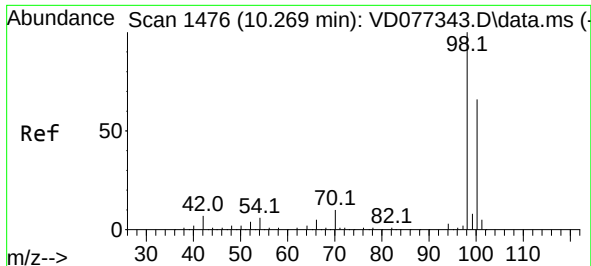
Ion Ratio Lower Upper

113 100

111 105.3 84.7 127.1

192 18.5 16.8 25.2

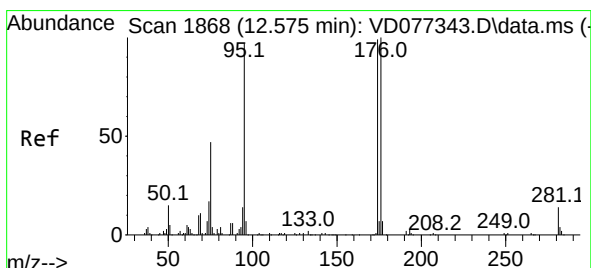
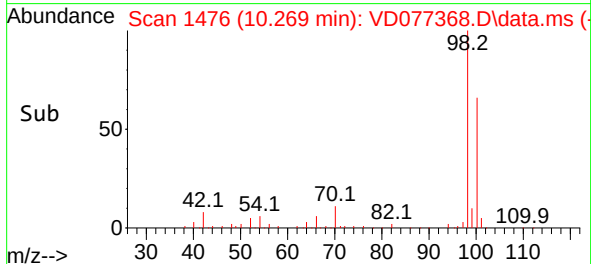
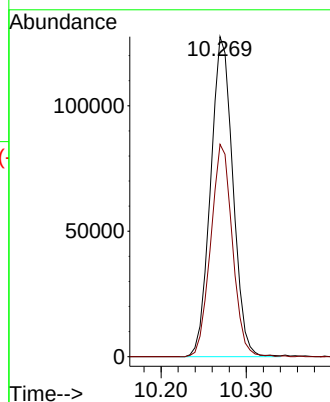
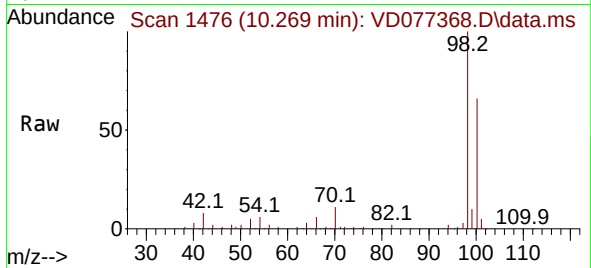




#50
Toluene-d8
Concen: 39.933 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077368.D
Acq: 20 Oct 2023 16:52

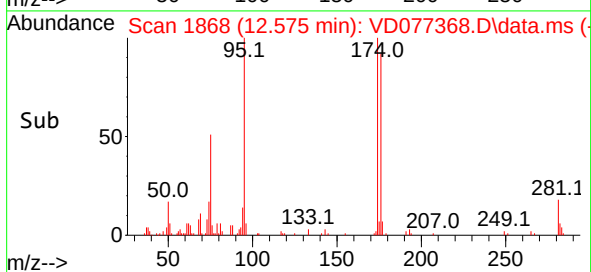
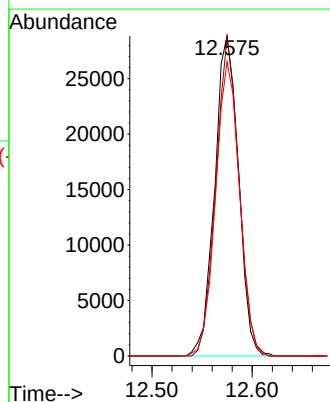
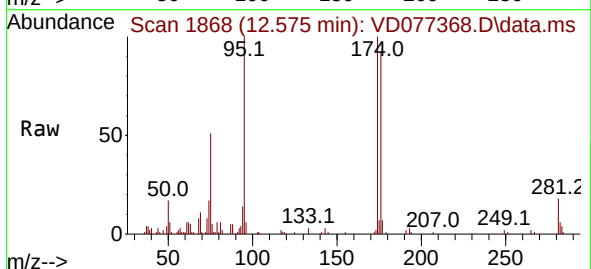
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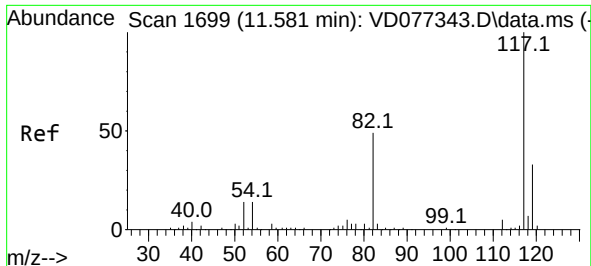
Tgt Ion: 98 Resp: 231430
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 28.519 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077368.D
Acq: 20 Oct 2023 16:52

Tgt Ion: 95 Resp: 47578
Ion Ratio Lower Upper
95 100
174 96.2 0.0 201.8
176 92.4 0.0 191.8

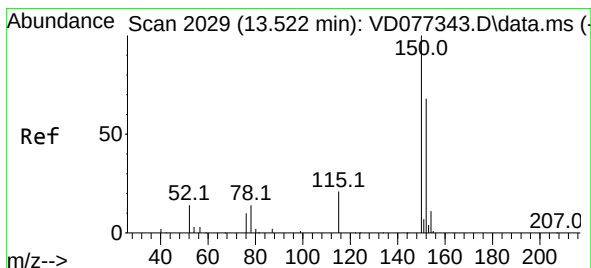
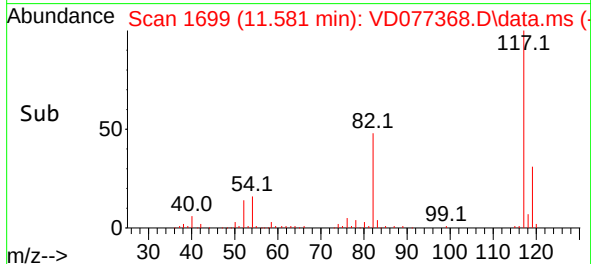
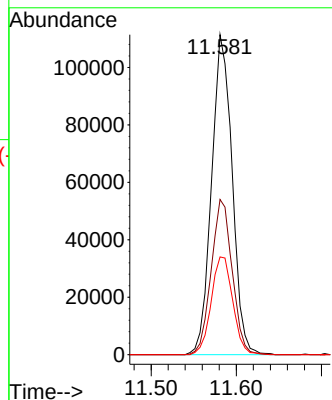
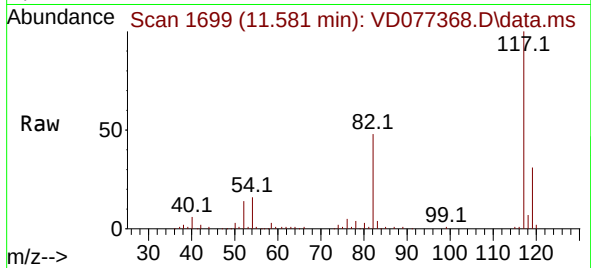




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077368.D
Acq: 20 Oct 2023 16:52

Instrument :
MSVOA_D
ClientSampleId :
486-WC-GRAB

Tgt Ion:117 Resp: 186957
Ion Ratio Lower Upper
117 100
82 48.5 38.3 57.5
119 30.6 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: VD077368.D
Acq: 20 Oct 2023 16:52

Tgt Ion:152 Resp: 51203
Ion Ratio Lower Upper
152 100
115 55.3 27.1 81.3
150 155.9 0.0 353.6

