

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
 Data File : VD075670.D
 Acq On : 13 Apr 2023 20:06
 Operator : KP/SY
 Sample : 02301-01
 Misc : 5.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WASTE-VOC

Quant Time: Apr 14 01:37:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	110538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	315715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	389373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	183645	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	77416	73.784	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.560%
35) Dibromofluoromethane	7.799	113	114857	54.089	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.180%
50) Toluene-d8	10.269	98	434085	51.046	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.100%
62) 4-Bromofluorobenzene	12.575	95	153972	68.121	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	136.240%

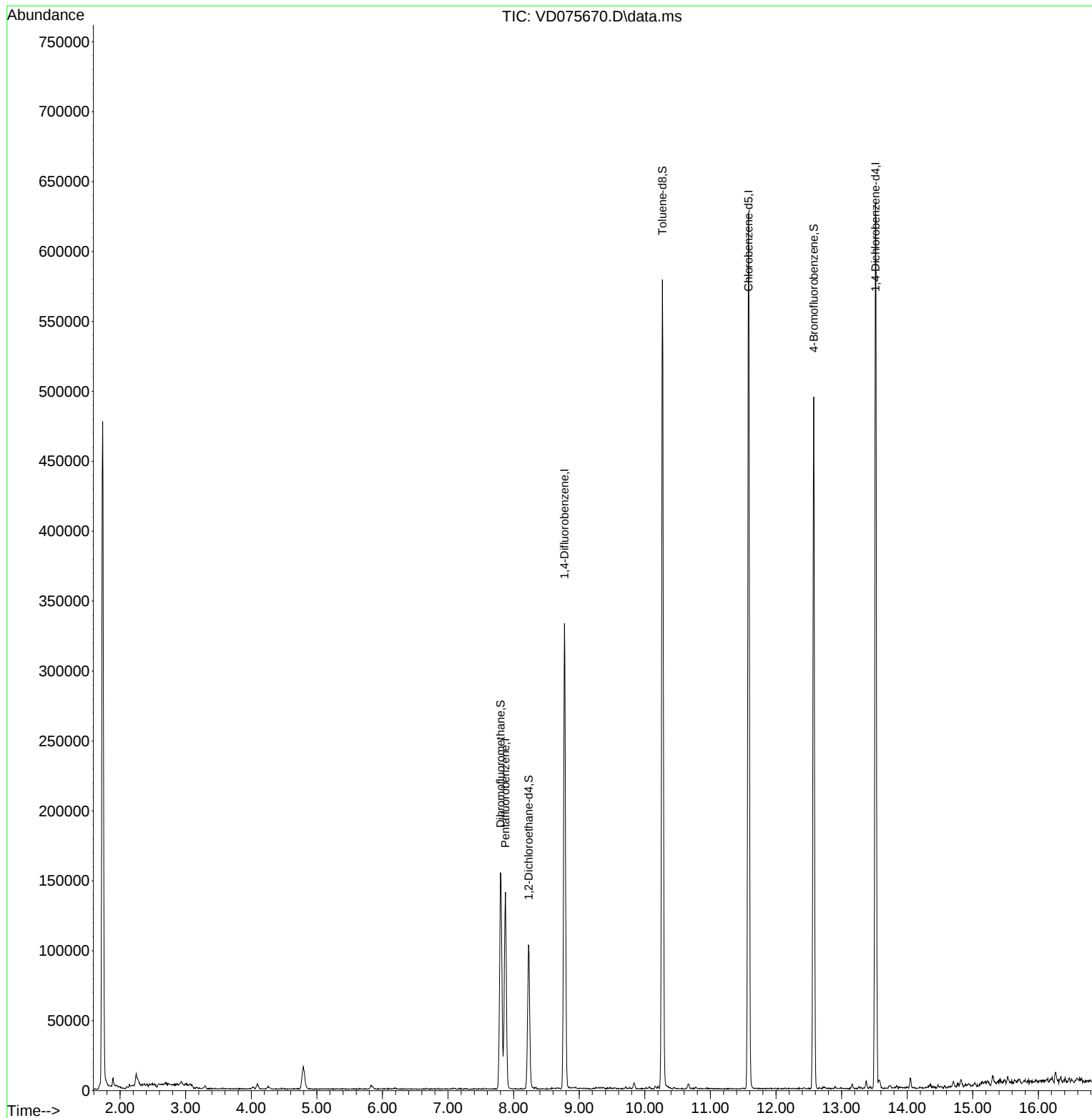
Target Compounds	Qvalue

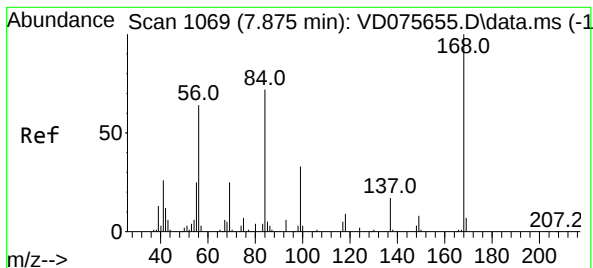
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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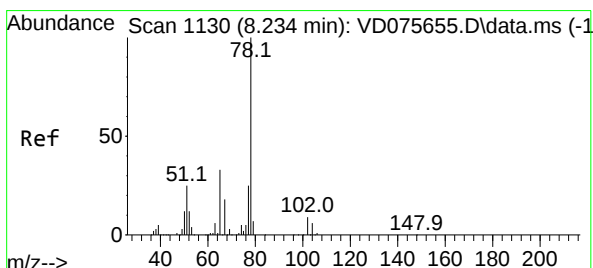
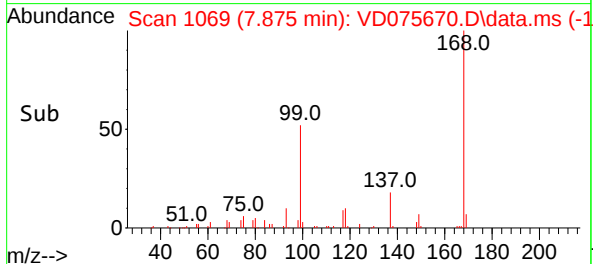
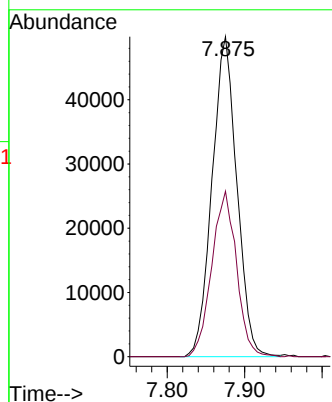
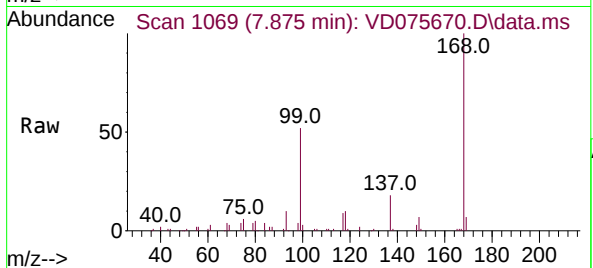




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD075670.D
Acq: 13 Apr 2023 20:06

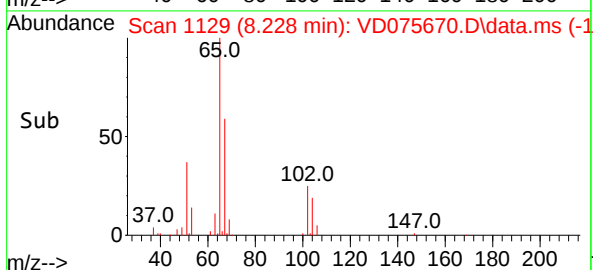
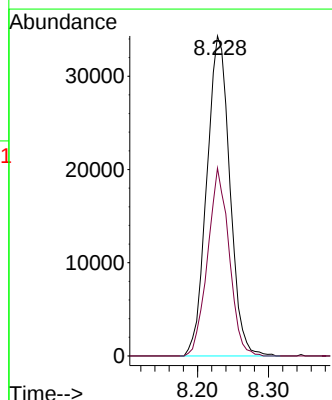
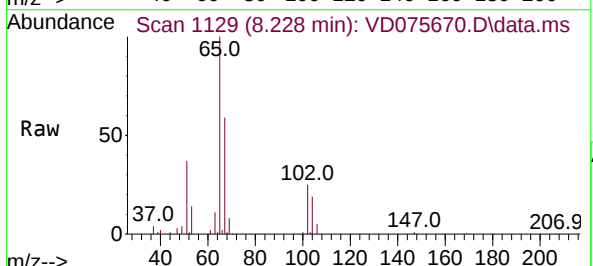
Instrument :
MSVOA_D
ClientSampleId :
WASTE-VOC

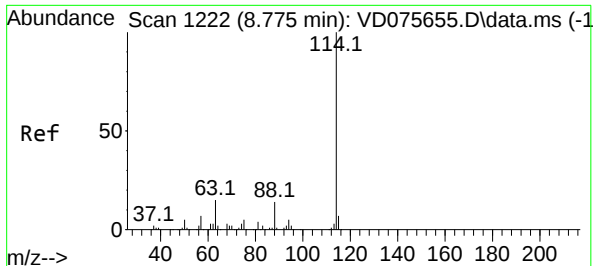
Tgt Ion:168 Resp: 110538
Ion Ratio Lower Upper
168 100
99 51.7 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 73.784 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075670.D
Acq: 13 Apr 2023 20:06

Tgt Ion: 65 Resp: 77416
Ion Ratio Lower Upper
65 100
67 54.7 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075670.D

Acq: 13 Apr 2023 20:06

Instrument :

MSVOA_D

ClientSampleId :

WASTE-VOC

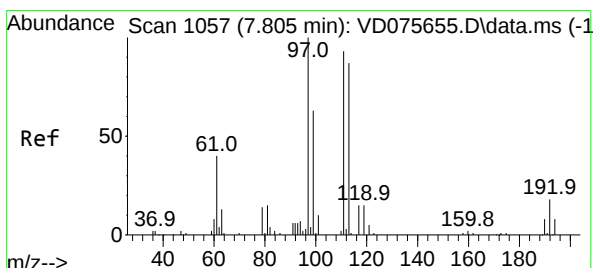
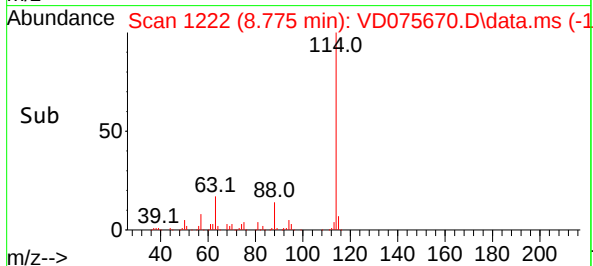
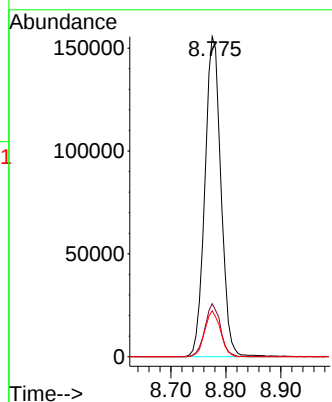
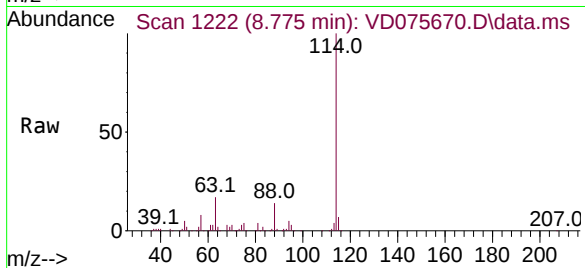
Tgt Ion:114 Resp: 315715

Ion Ratio Lower Upper

114 100

63 16.6 0.0 41.6

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.089 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD075670.D

Acq: 13 Apr 2023 20:06

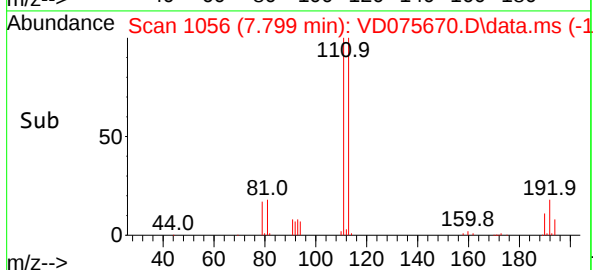
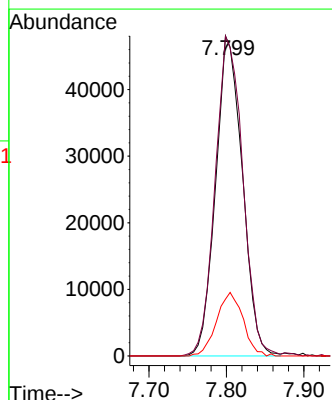
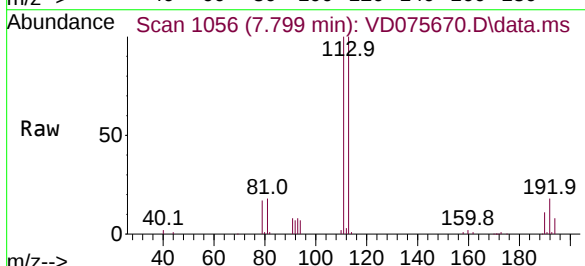
Tgt Ion:113 Resp: 114857

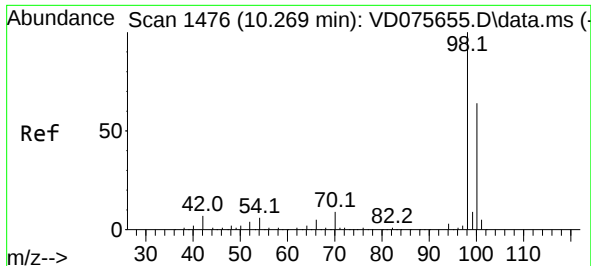
Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 19.7 15.2 22.8

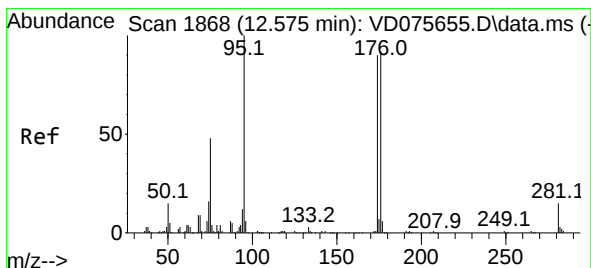
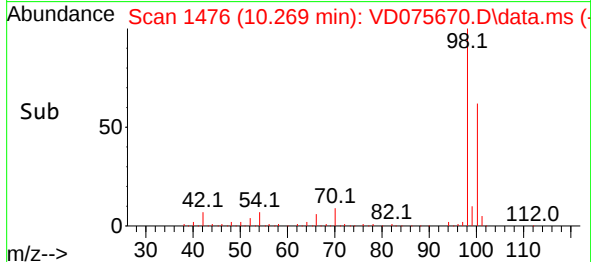
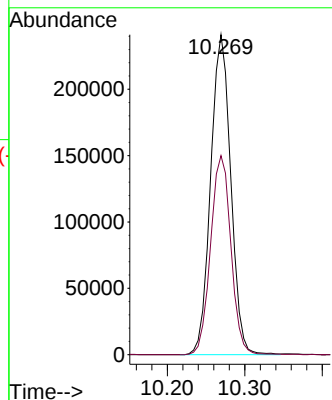
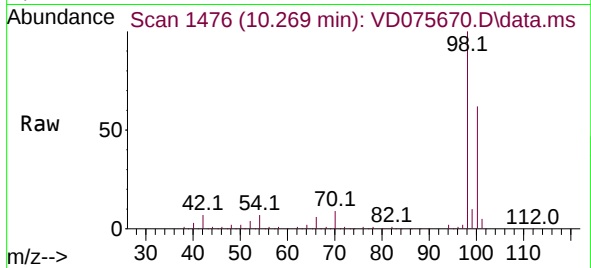




#50
Toluene-d8
Concen: 51.046 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075670.D
Acq: 13 Apr 2023 20:06

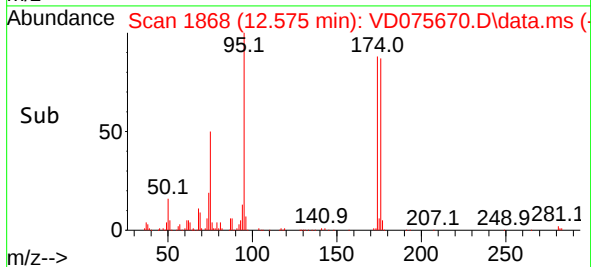
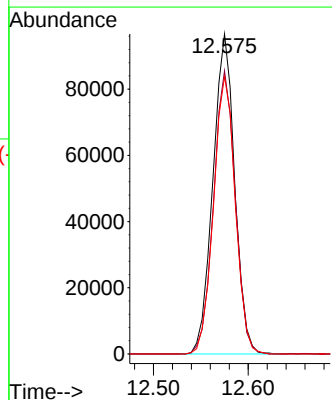
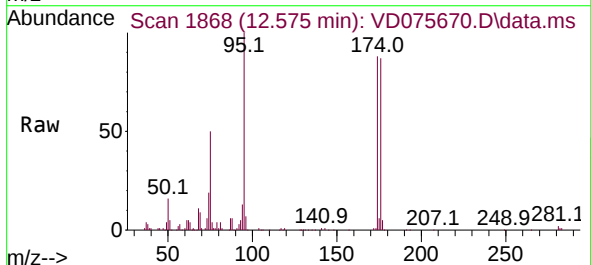
Instrument :
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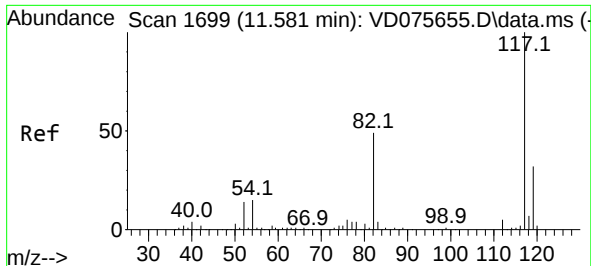
Tgt Ion: 98 Resp: 434085
Ion Ratio Lower Upper
98 100
100 62.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 68.121 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075670.D
Acq: 13 Apr 2023 20:06

Tgt Ion: 95 Resp: 153972
Ion Ratio Lower Upper
95 100
174 88.3 0.0 164.0
176 86.6 0.0 156.8

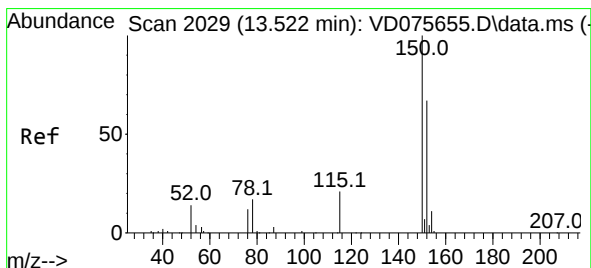
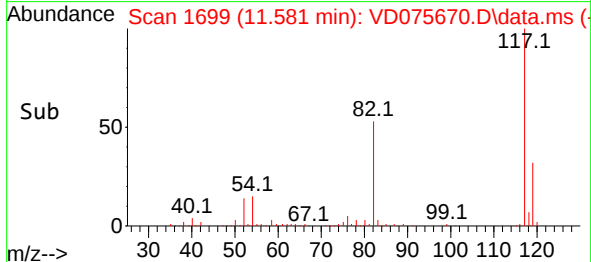
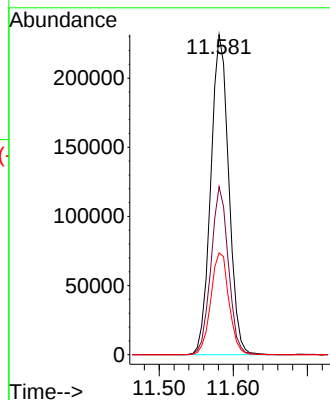
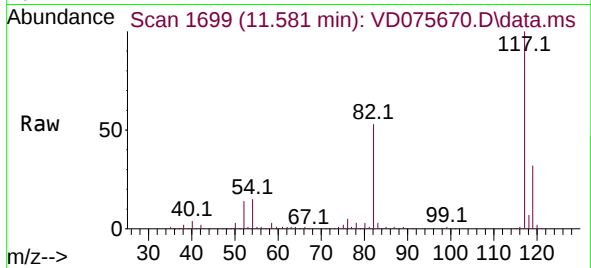




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075670.D
Acq: 13 Apr 2023 20:06

Instrument :
MSVOA_D
ClientSampleId :
WASTE-VOC

Tgt Ion:117 Resp: 389373
Ion Ratio Lower Upper
117 100
82 52.5 44.0 66.0
119 31.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD075670.D
Acq: 13 Apr 2023 20:06

Tgt Ion:152 Resp: 183645
Ion Ratio Lower Upper
152 100
115 53.8 30.1 90.3
150 158.0 0.0 364.8

