

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102022\
 Data File : VD074605.D
 Acq On : 20 Oct 2022 18:41
 Operator : VA/SY
 Sample : N5223-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-3-102022

Quant Time: Oct 21 03:10:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	109164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	171123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	150765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	65945	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	45794	54.945	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.900%
35) Dibromofluoromethane	7.805	113	62473	66.252	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	132.500%
50) Toluene-d8	10.269	98	214426	62.605	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	125.200%
62) 4-Bromofluorobenzene	12.575	95	58815	60.081	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.160%

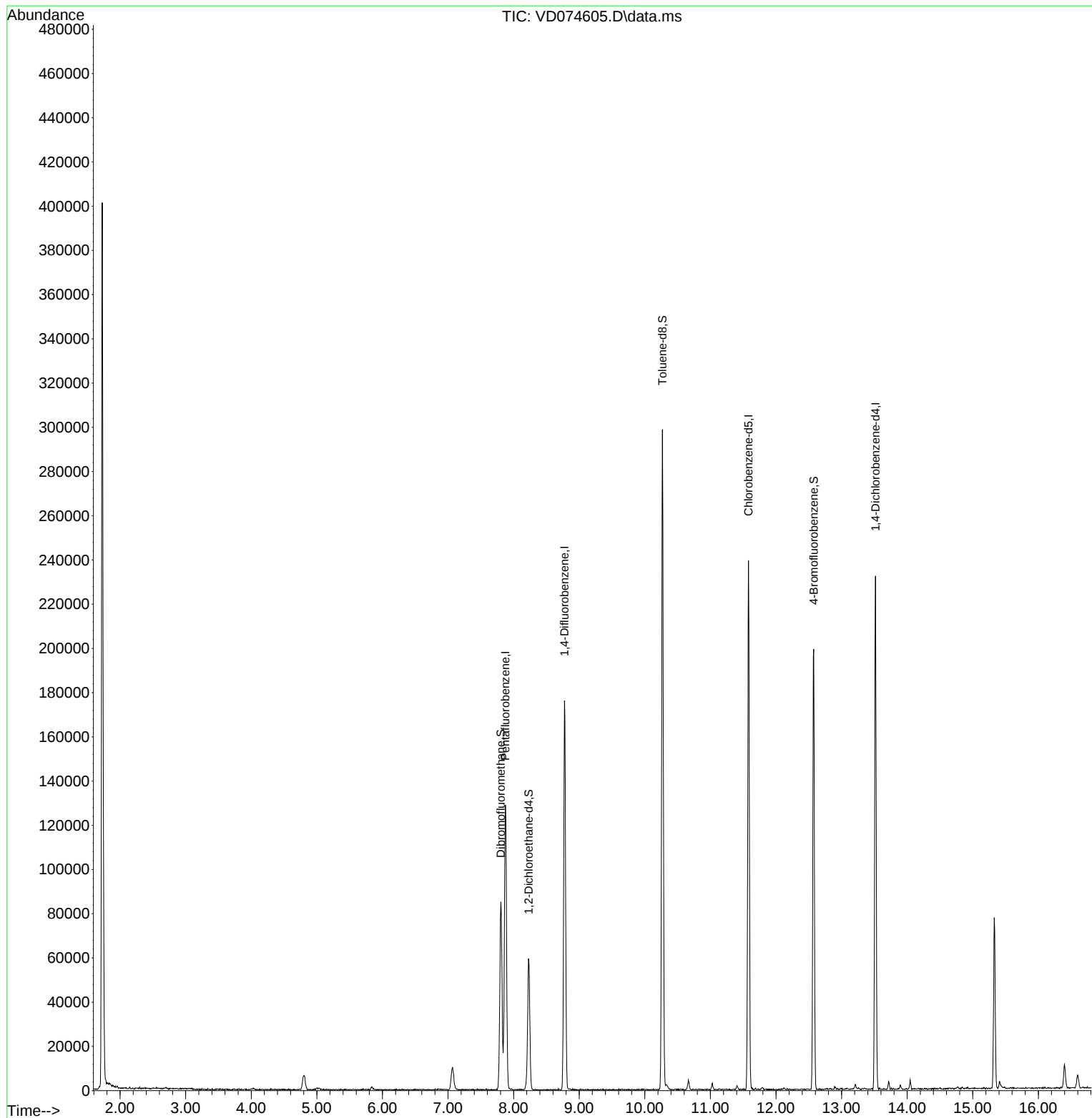
Target Compounds	Qvalue

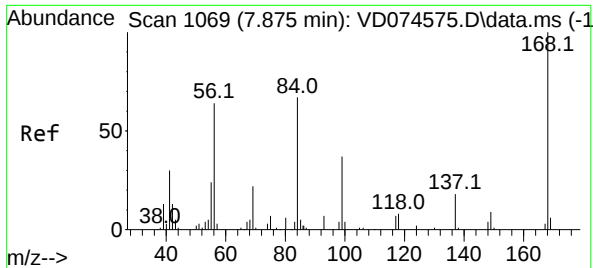
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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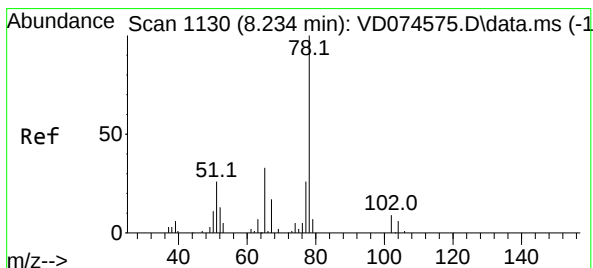
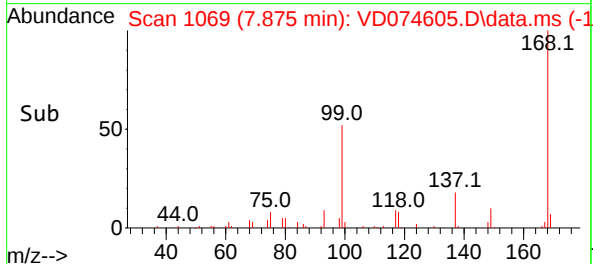
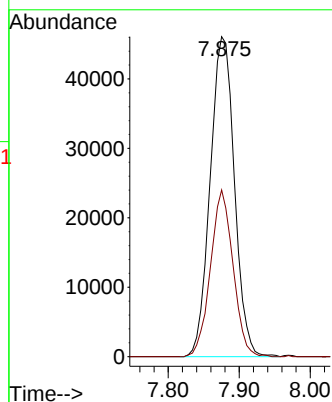
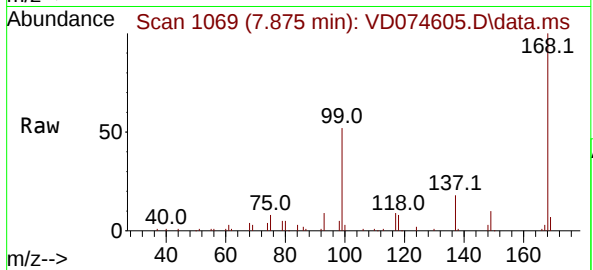




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074605.D
Acq: 20 Oct 2022 18:41

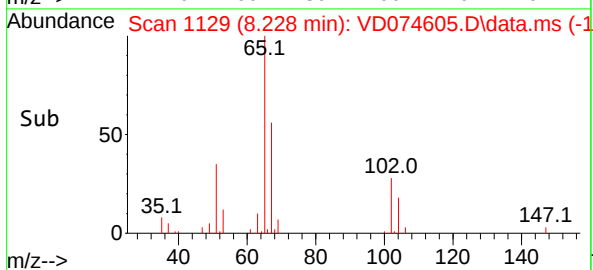
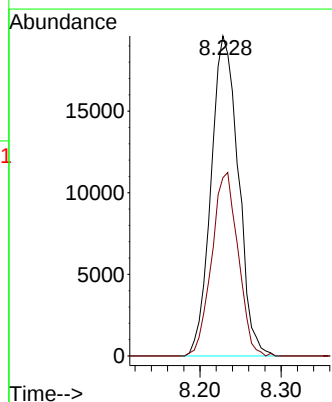
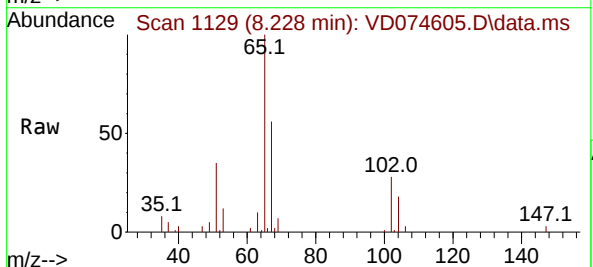
Instrument :
MSVOA_D
ClientSampleId :
OR-3-102022

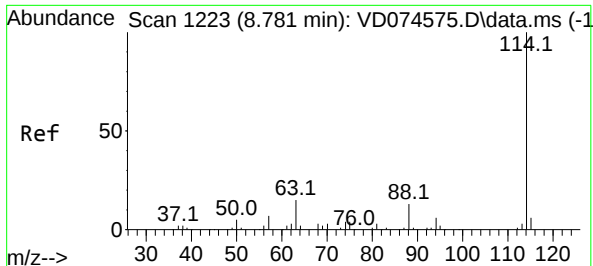
Tgt Ion:168 Resp: 109164
Ion Ratio Lower Upper
168 100
99 52.1 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 54.945 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074605.D
Acq: 20 Oct 2022 18:41

Tgt Ion: 65 Resp: 45794
Ion Ratio Lower Upper
65 100
67 55.4 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074605.D

Acq: 20 Oct 2022 18:41

Instrument :

MSVOA_D

ClientSampleId :

OR-3-102022

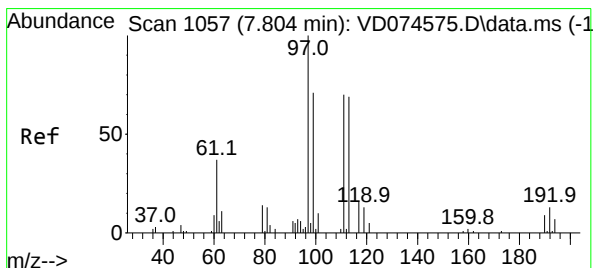
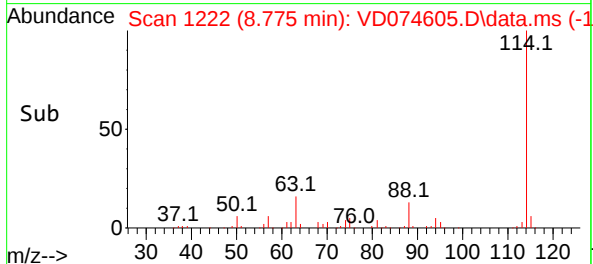
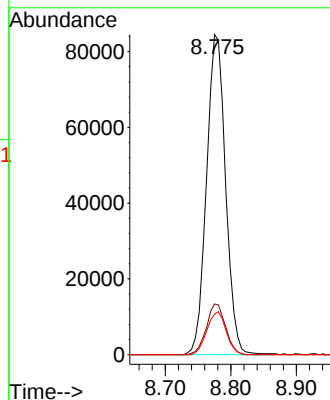
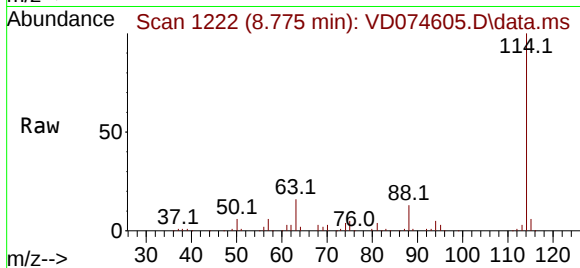
Tgt Ion:114 Resp: 171123

Ion Ratio Lower Upper

114 100

63 15.8 0.0 33.2

88 12.7 0.0 28.2



#35

Dibromofluoromethane

Concen: 66.252 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD074605.D

Acq: 20 Oct 2022 18:41

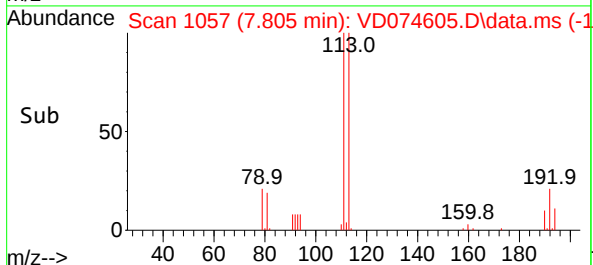
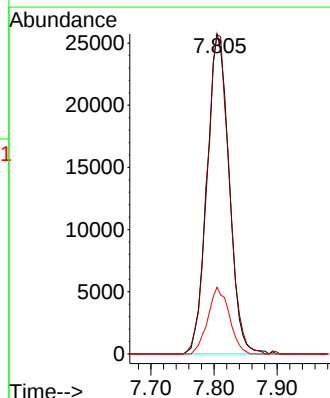
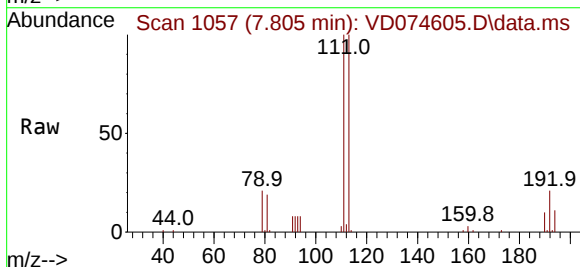
Tgt Ion:113 Resp: 62473

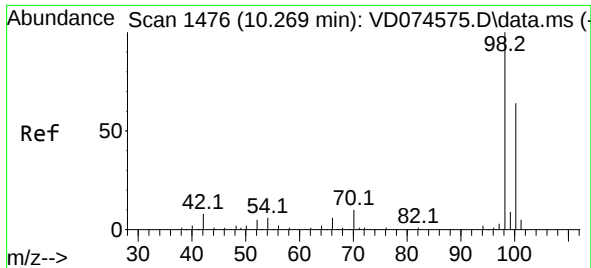
Ion Ratio Lower Upper

113 100

111 100.4 82.3 123.5

192 20.2 16.4 24.6

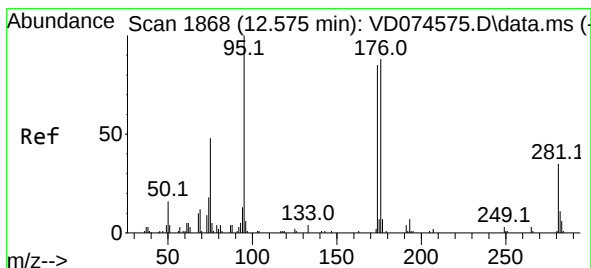
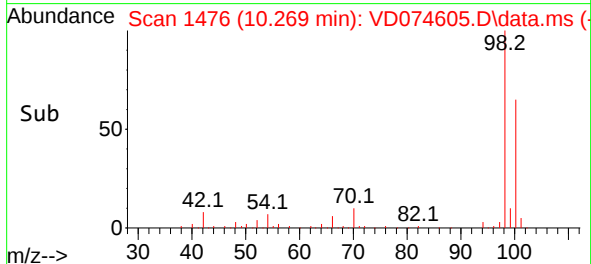
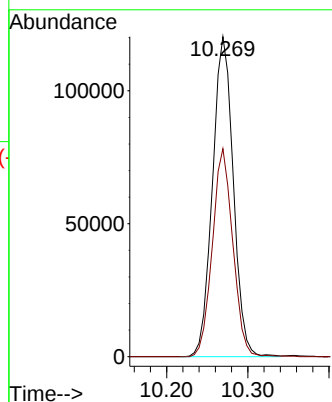
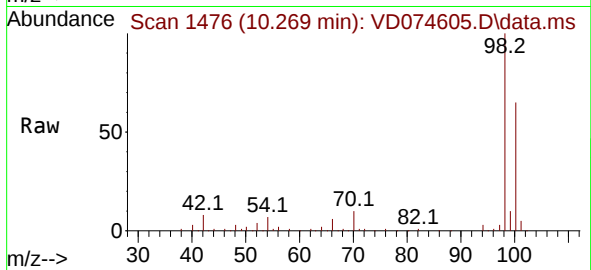




#50
Toluene-d8
Concen: 62.605 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074605.D
Acq: 20 Oct 2022 18:41

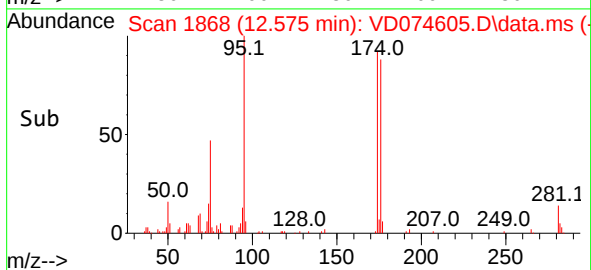
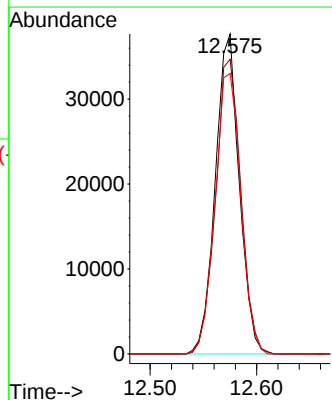
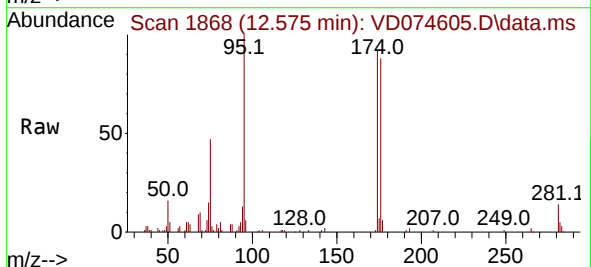
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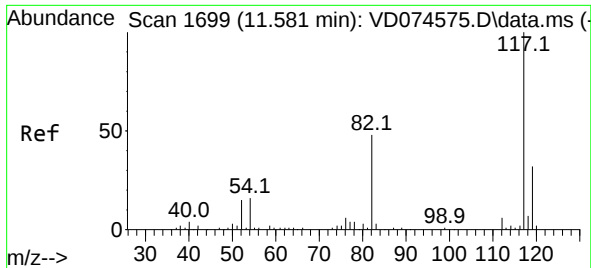
Tgt Ion: 98 Resp: 214426
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 60.081 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074605.D
Acq: 20 Oct 2022 18:41

Tgt Ion: 95 Resp: 58815
Ion Ratio Lower Upper
95 100
174 97.1 0.0 197.0
176 94.3 0.0 182.6

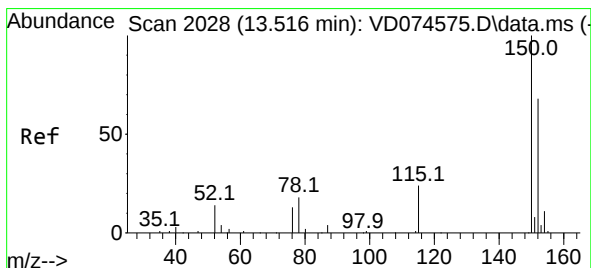
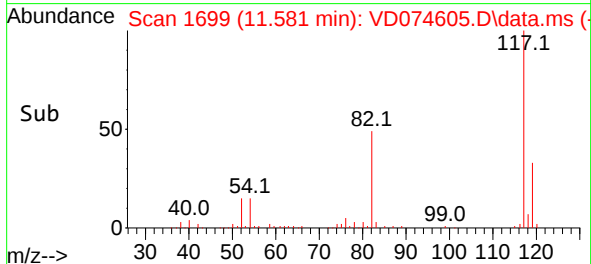
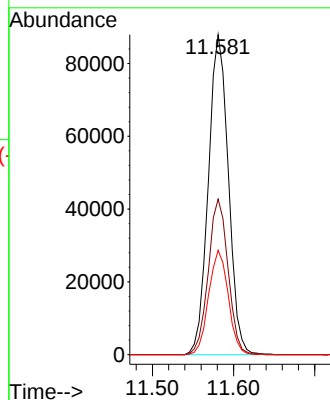
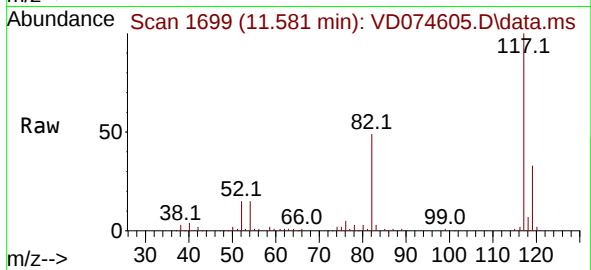




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074605.D
Acq: 20 Oct 2022 18:41

Instrument :
MSVOA_D
ClientSampleId :
OR-3-102022

Tgt Ion:117 Resp: 150765
Ion Ratio Lower Upper
117 100
82 48.6 41.6 62.4
119 32.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074605.D
Acq: 20 Oct 2022 18:41

Tgt Ion:152 Resp: 65945
Ion Ratio Lower Upper
152 100
115 54.4 26.8 80.4
150 154.6 0.0 348.2

