

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082622\
 Data File : VD074237.D
 Acq On : 26 Aug 2022 14:59
 Operator : VA/SY
 Sample : N4326-01RE
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-03-082322RE

Quant Time: Aug 26 15:59:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	17762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	33013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	34183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	15292	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	21433	118.088	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	236.180%#
35) Dibromofluoromethane	7.908	113	16626	75.292	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	150.580%#
50) Toluene-d8	10.326	98	38978	54.846	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.700%
62) 4-Bromofluorobenzene	12.614	95	14887	53.024	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.040%

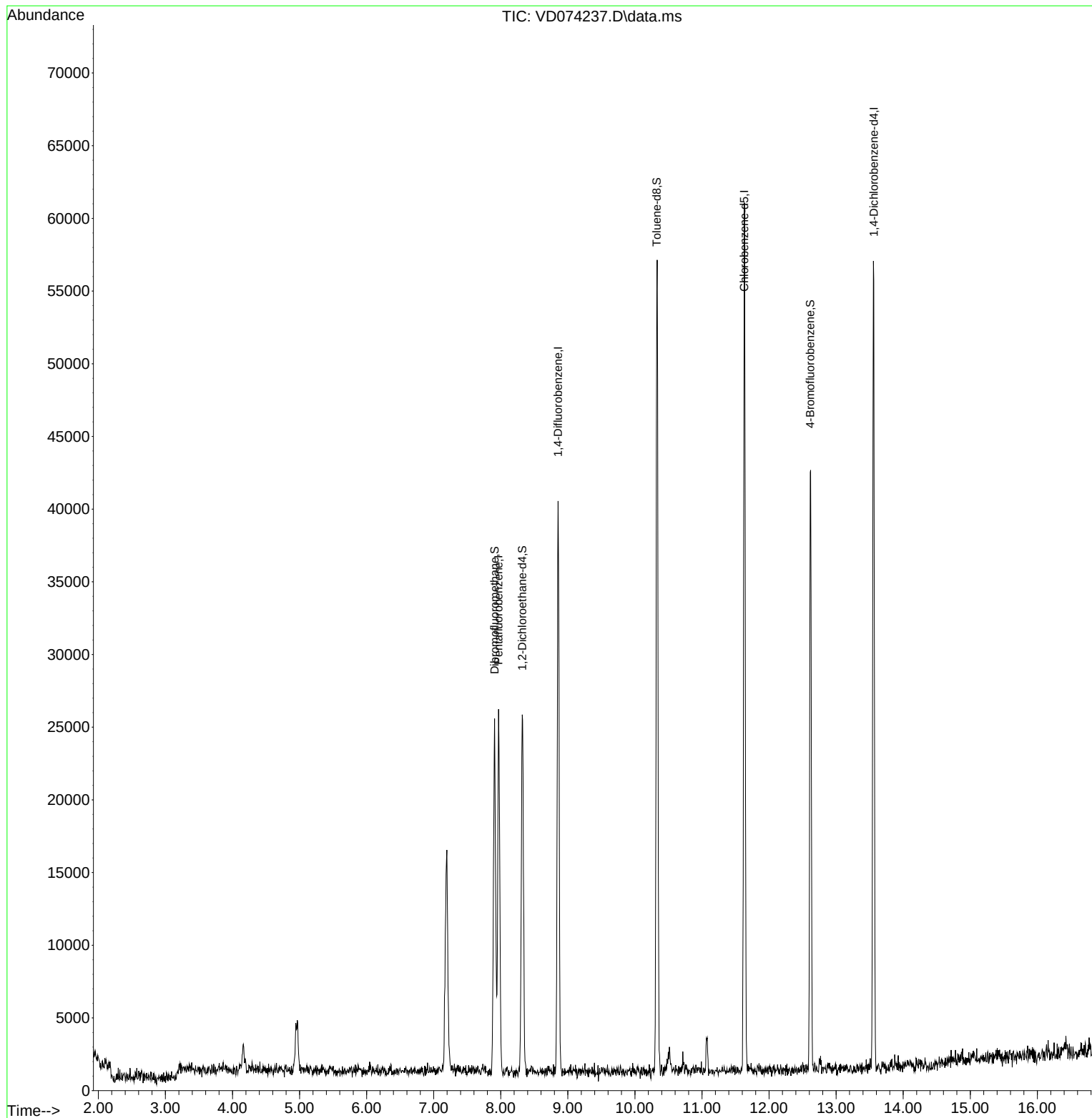
Target Compounds	Qvalue

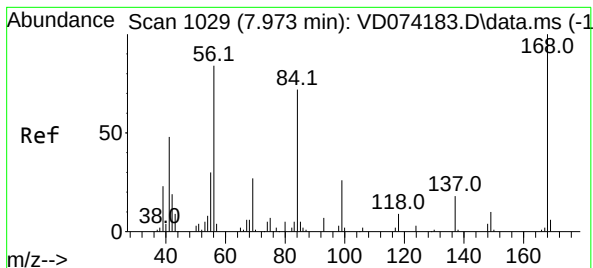
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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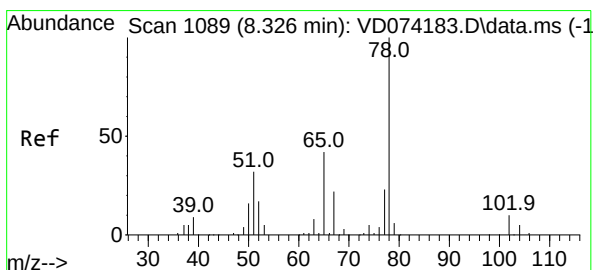
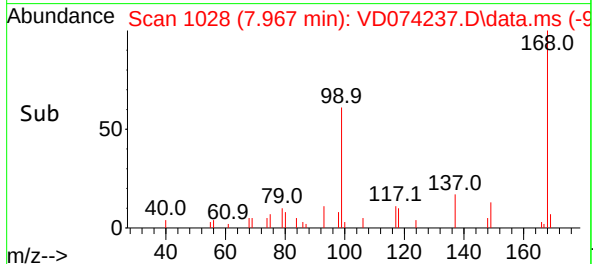
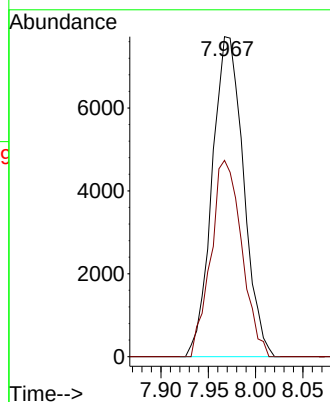
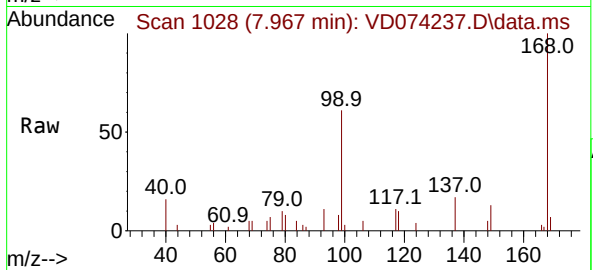




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD074237.D
Acq: 26 Aug 2022 14:59

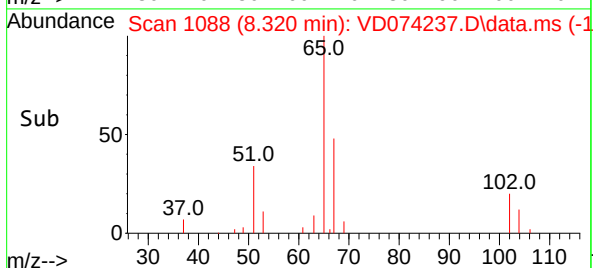
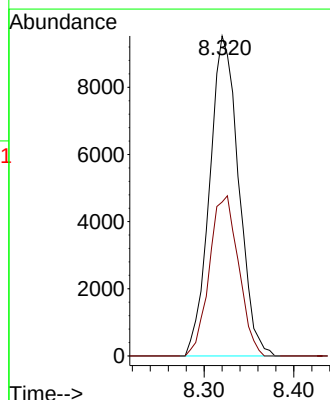
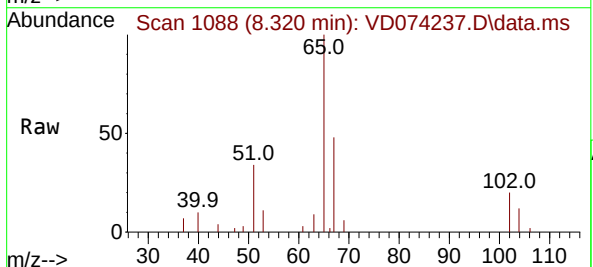
Instrument :
MSVOA_D
ClientSampleId :
SU-03-082322RE

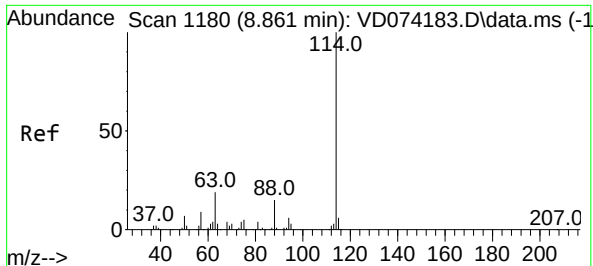
Tgt Ion:168 Resp: 17762
Ion Ratio Lower Upper
168 100
99 61.3 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 118.088 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD074237.D
Acq: 26 Aug 2022 14:59

Tgt Ion: 65 Resp: 21433
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074237.D

Acq: 26 Aug 2022 14:59

Instrument :

MSVOA_D

ClientSampleId :

SU-03-082322RE

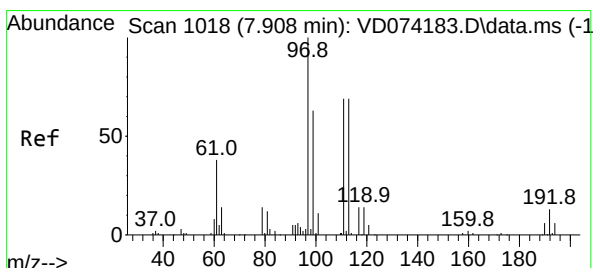
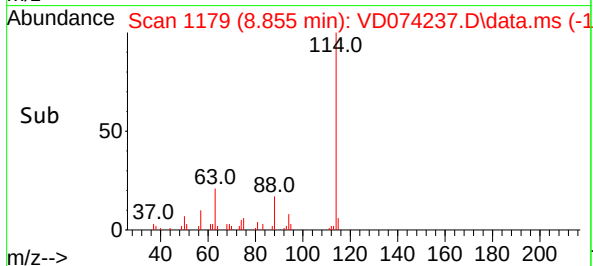
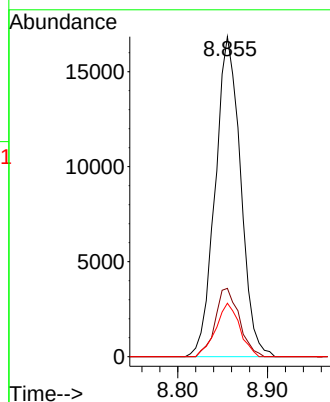
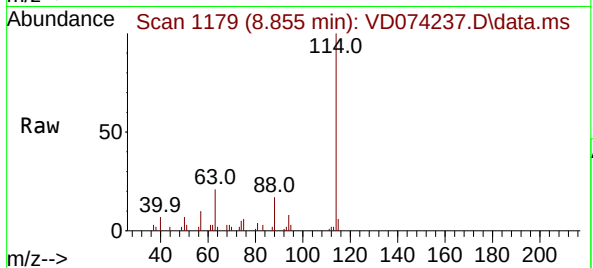
Tgt Ion:114 Resp: 33013

Ion Ratio Lower Upper

114 100

63 21.3 0.0 46.6

88 16.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 75.292 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD074237.D

Acq: 26 Aug 2022 14:59

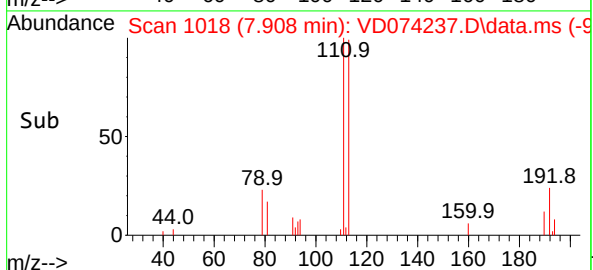
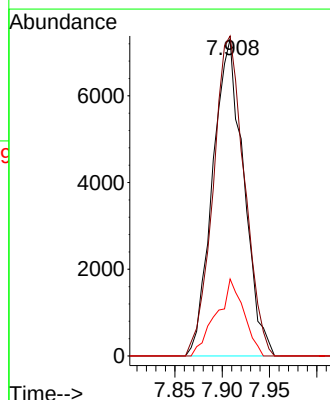
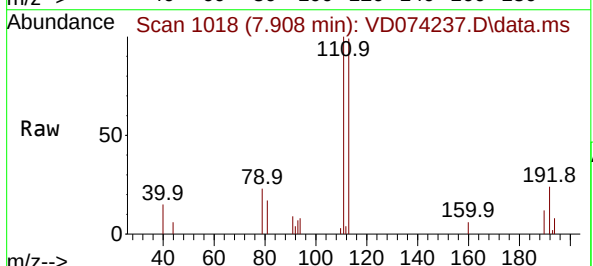
Tgt Ion:113 Resp: 16626

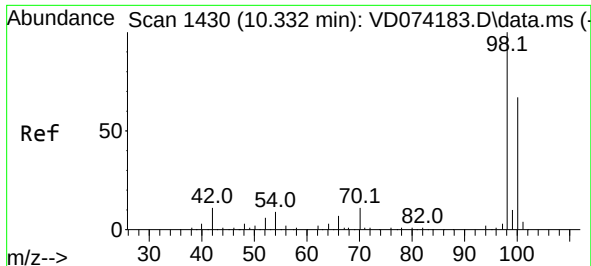
Ion Ratio Lower Upper

113 100

111 101.8 83.8 125.6

192 21.6 14.6 21.8

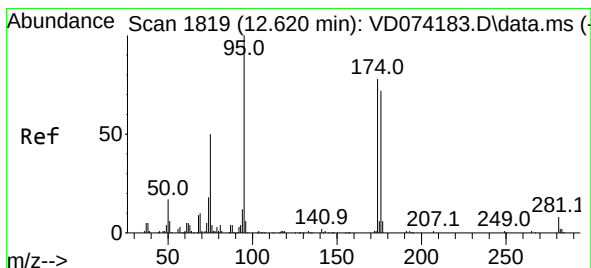
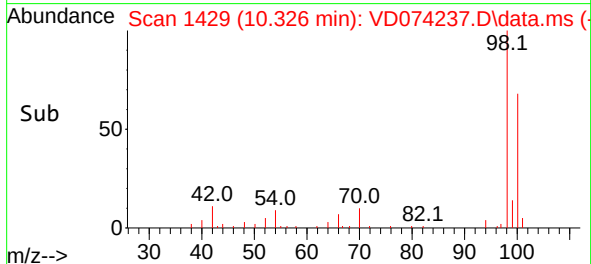
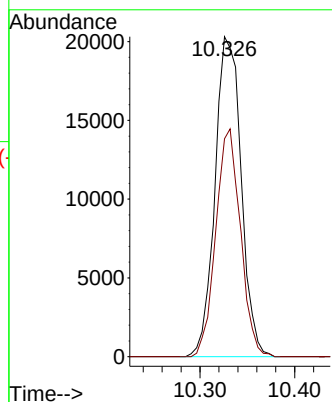
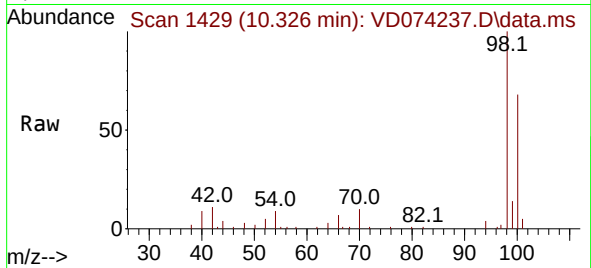




#50
Toluene-d8
Concen: 54.846 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD074237.D
Acq: 26 Aug 2022 14:59

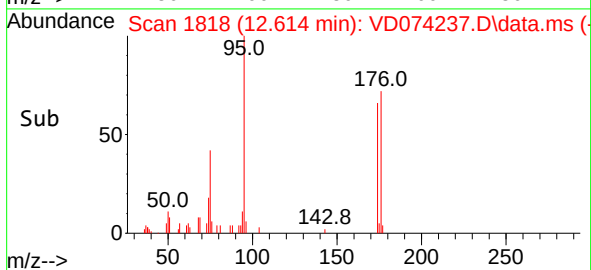
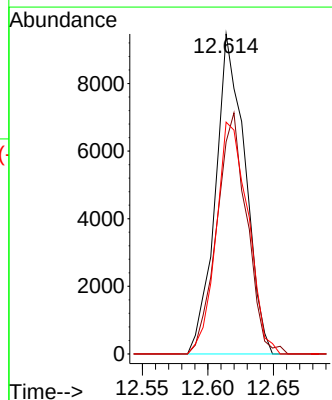
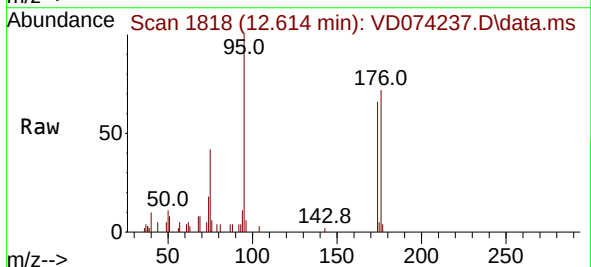
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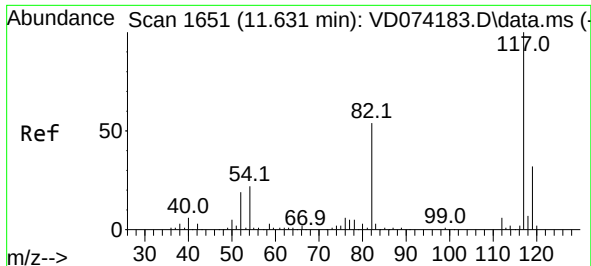
Tgt Ion: 98 Resp: 38978
Ion Ratio Lower Upper
98 100
100 67.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.024 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD074237.D
Acq: 26 Aug 2022 14:59

Tgt Ion: 95 Resp: 14887
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 77.8 0.0 145.4

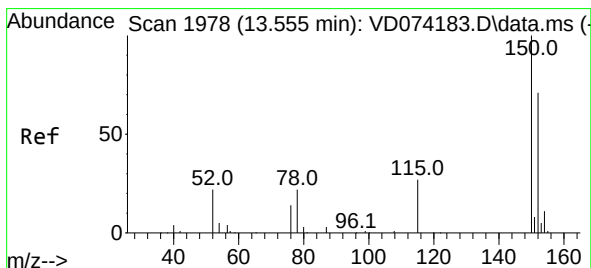
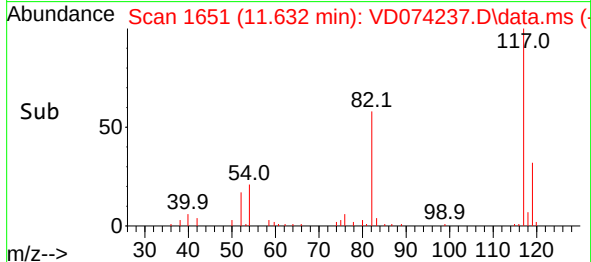
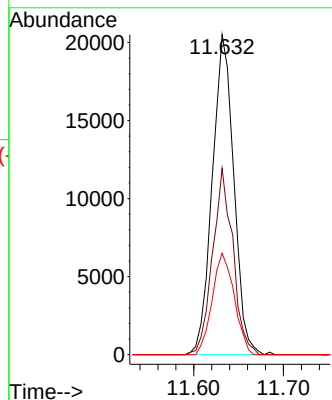
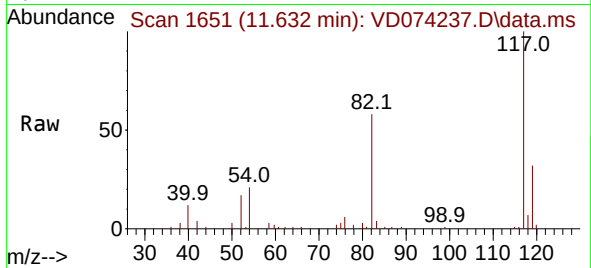




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11651
Delta R.T. 0.001 min
Lab File: VD074237.D
Acq: 26 Aug 2022 14:59

Instrument :
MSVOA_D
ClientSampleId :
SU-03-082322RE

Tgt Ion:117 Resp: 34183
Ion Ratio Lower Upper
117 100
82 58.2 45.3 67.9
119 31.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD074237.D
Acq: 26 Aug 2022 14:59

Tgt Ion:152 Resp: 15292
Ion Ratio Lower Upper
152 100
115 60.9 31.3 93.8
150 159.6 0.0 348.6

