

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081922\
 Data File : VD074161.D
 Acq On : 19 Aug 2022 21:21
 Operator : VA/SY
 Sample : N4224-11
 Misc : 5.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-0816

Quant Time: Aug 20 01:29:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 19 09:25:06 2022
 Response via : Initial Calibration

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

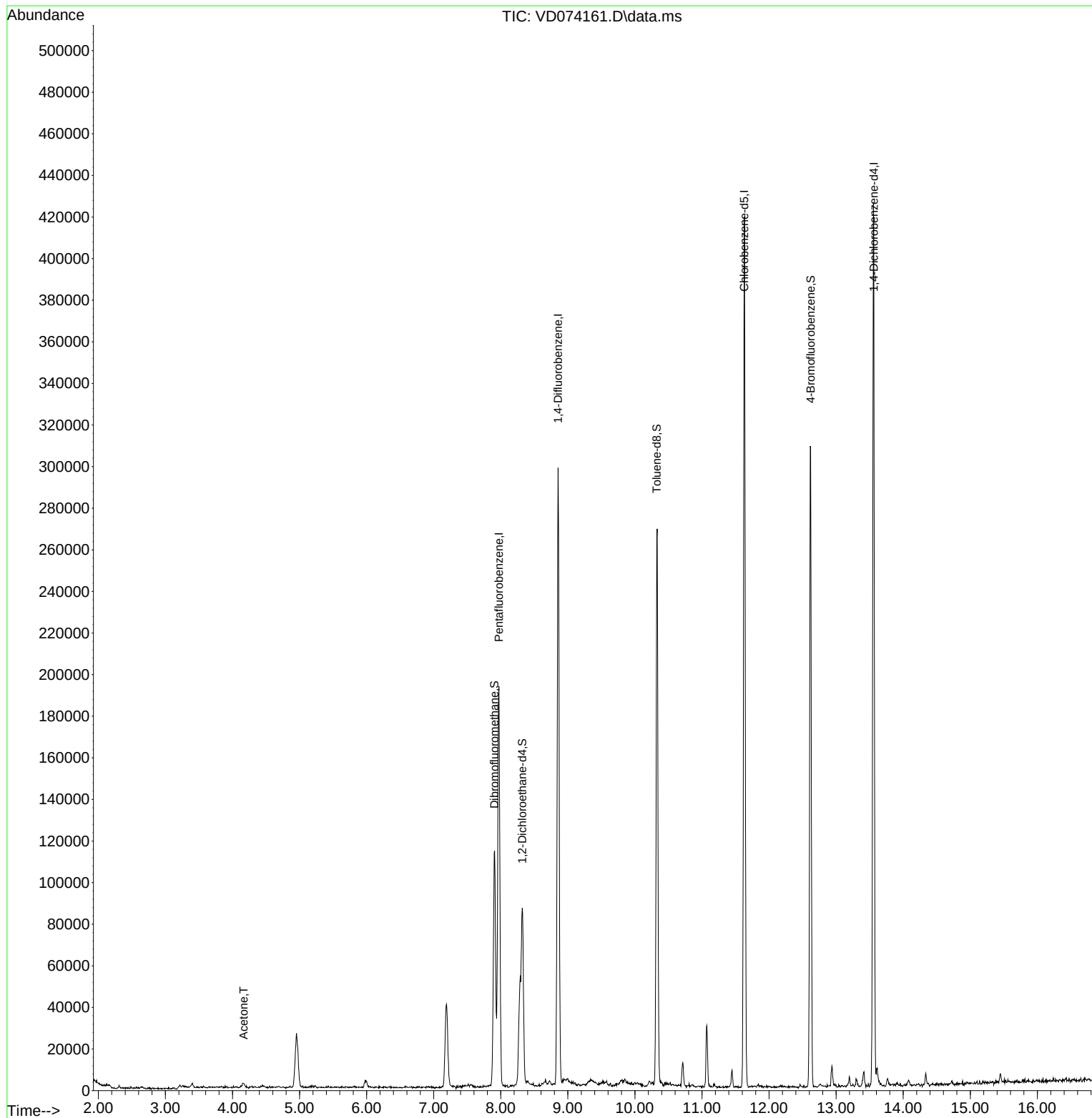
Internal Standards						
1) Pentafluorobenzene	7.973	168	137172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	247332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	239143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	115231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	64341	64.865	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.740%	
35) Dibromofluoromethane	7.903	113	83538	70.618	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 141.240%	
50) Toluene-d8	10.326	98	181161	53.936	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.880%	
62) 4-Bromofluorobenzene	12.620	95	103655	56.008	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.020%	
Target Compounds						
16) Acetone	4.167	43	3426	11.593	ug/l	Qvalue # 83

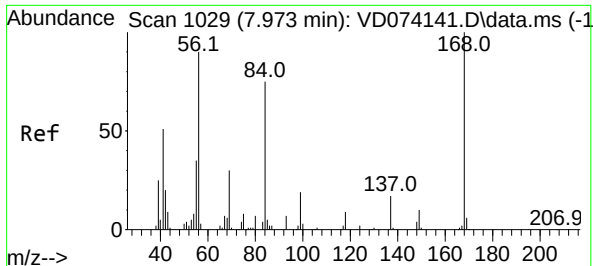
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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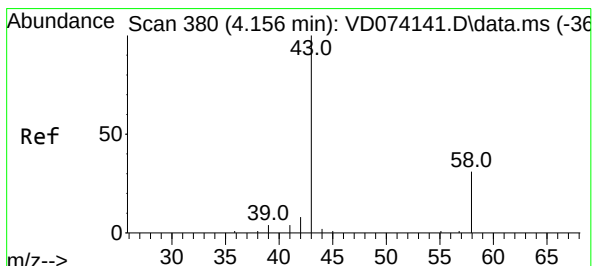
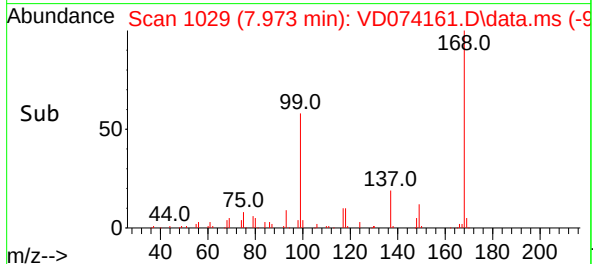
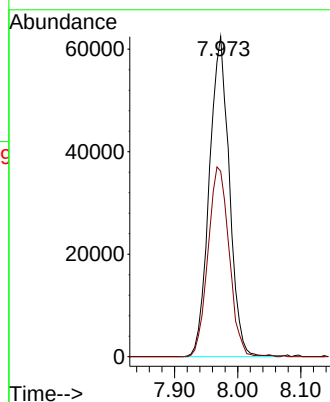
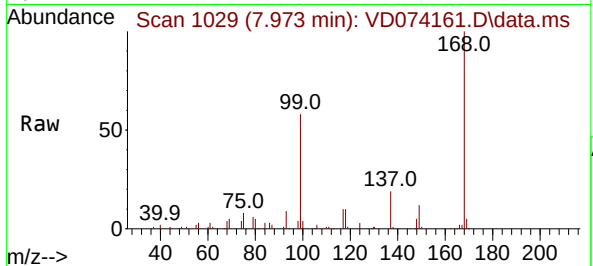




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074161.D
Acq: 19 Aug 2022 21:21

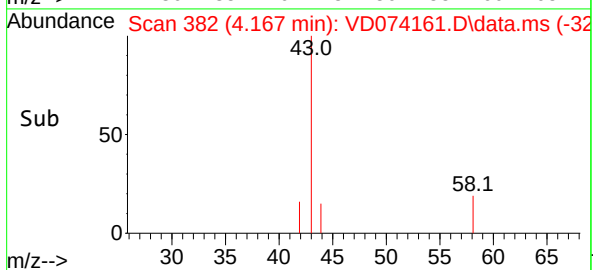
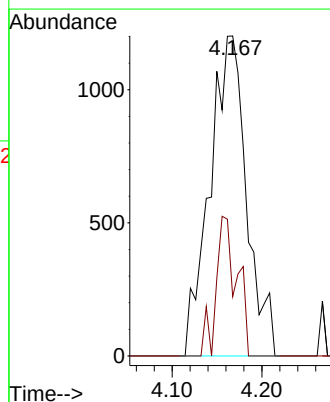
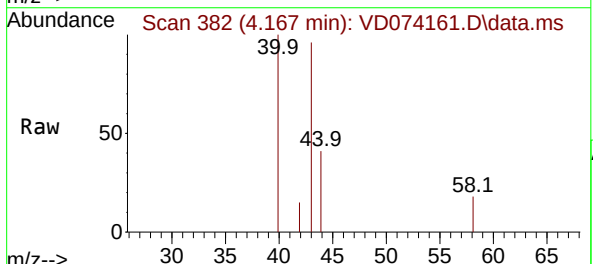
Instrument :
MSVOA_D
ClientSampleId :
TP3-0816

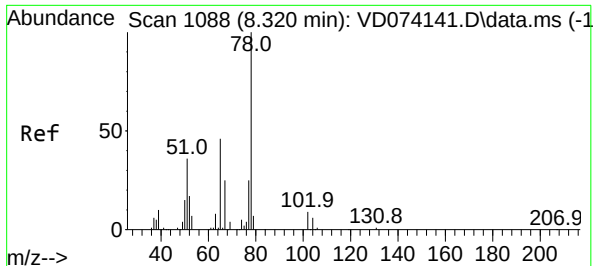
Tgt Ion:168 Resp: 137172
Ion Ratio Lower Upper
168 100
99 57.9 49.8 74.6



#16
Acetone
Concen: 11.593 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD074161.D
Acq: 19 Aug 2022 21:21

Tgt Ion: 43 Resp: 3426
Ion Ratio Lower Upper
43 100
58 18.6 22.1 33.1#





#33

1,2-Dichloroethane-d4

Concen: 64.865 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD074161.D

Acq: 19 Aug 2022 21:21

Instrument :

MSVOA_D

ClientSampleId :

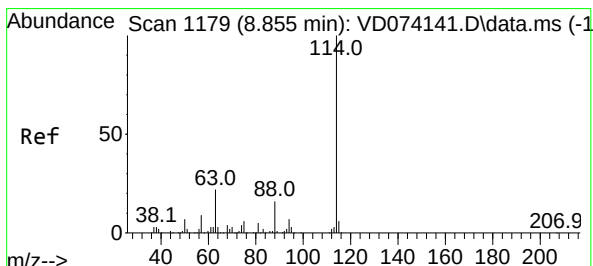
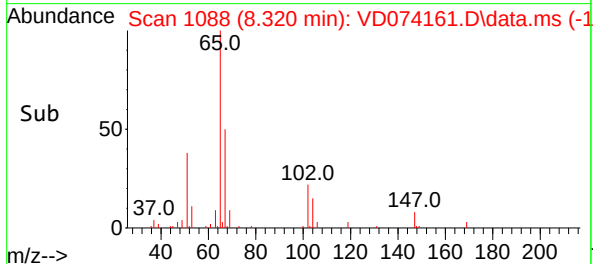
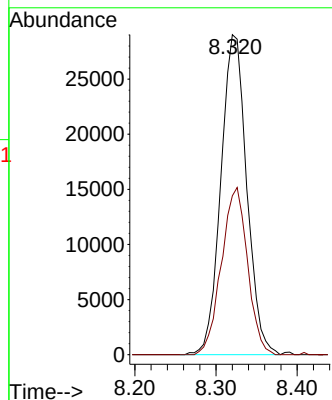
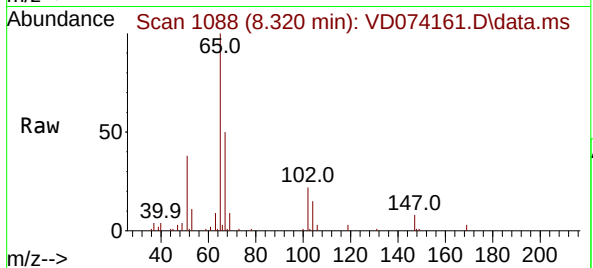
TP3-0816

Tgt Ion: 65 Resp: 64341

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD074161.D

Acq: 19 Aug 2022 21:21

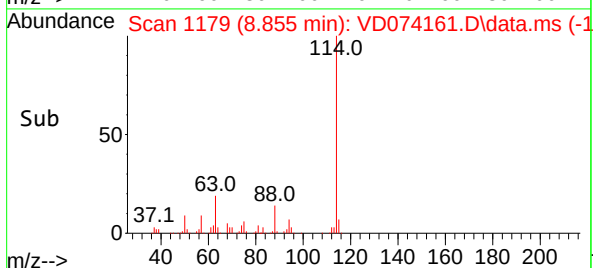
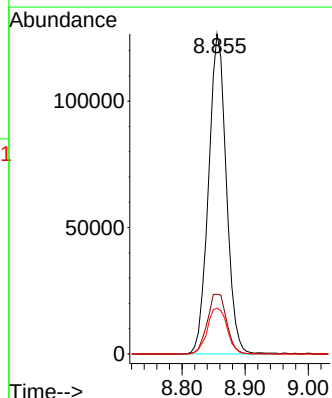
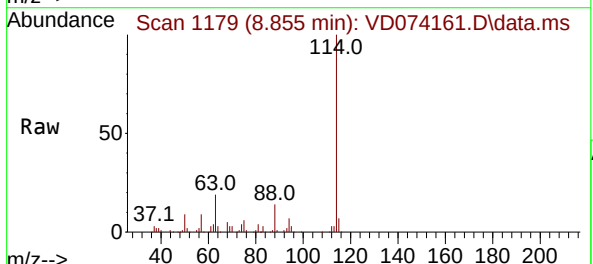
Tgt Ion: 114 Resp: 247332

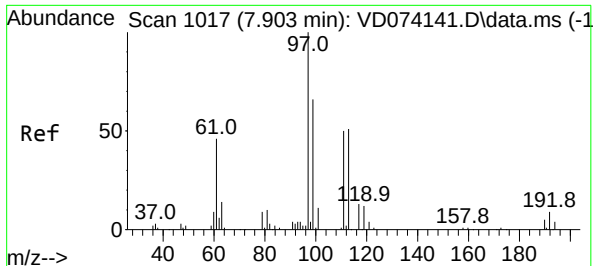
Ion Ratio Lower Upper

114 100

63 18.6 0.0 46.6

88 14.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 70.618 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD074161.D

Acq: 19 Aug 2022 21:21

Instrument :

MSVOA_D

ClientSampleId :

TP3-0816

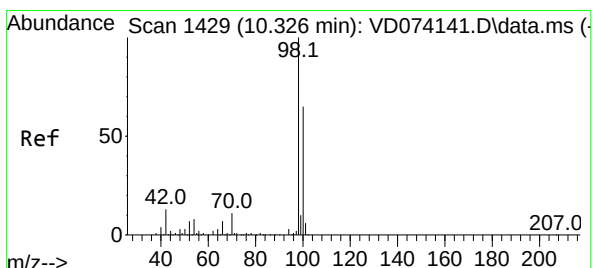
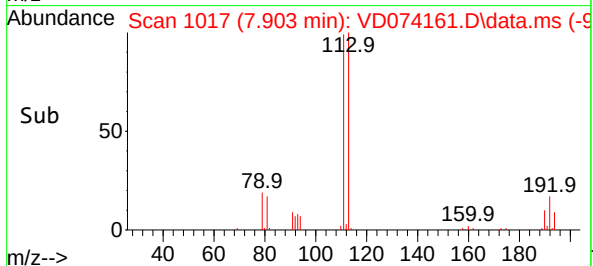
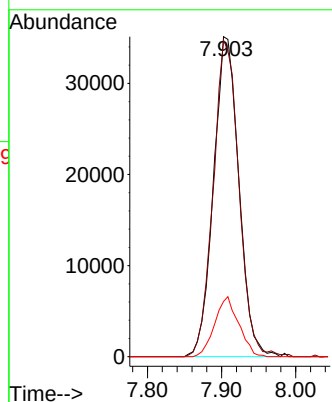
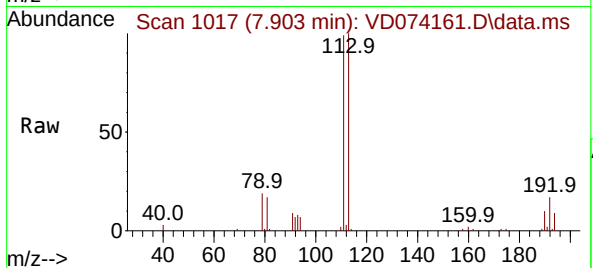
Tgt Ion:113 Resp: 83538

Ion Ratio Lower Upper

113 100

111 100.1 83.8 125.6

192 17.7 14.6 21.8



#50

Toluene-d8

Concen: 53.936 ug/l

RT: 10.326 min Scan# 1429

Delta R.T. -0.000 min

Lab File: VD074161.D

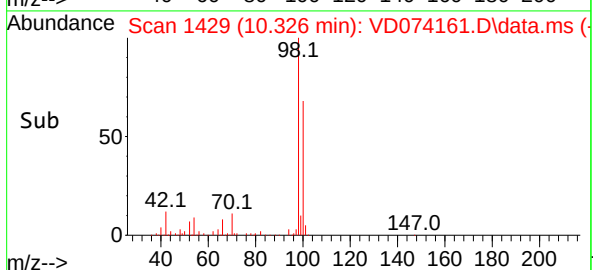
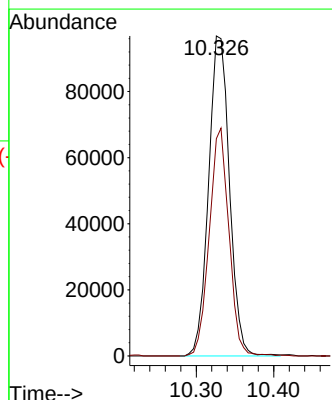
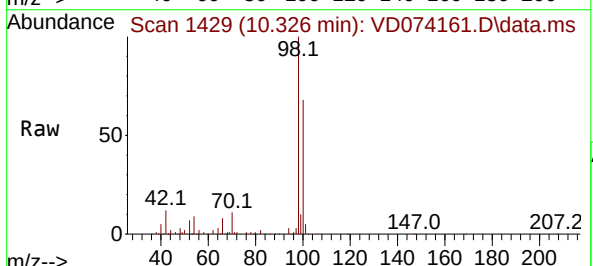
Acq: 19 Aug 2022 21:21

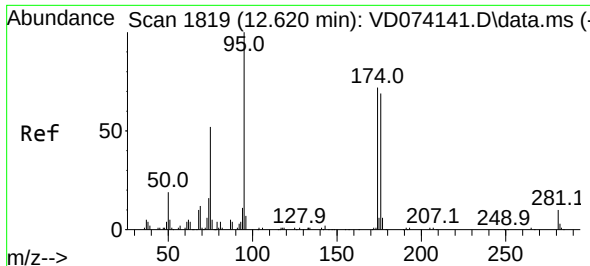
Tgt Ion: 98 Resp: 181161

Ion Ratio Lower Upper

98 100

100 67.1 52.4 78.6

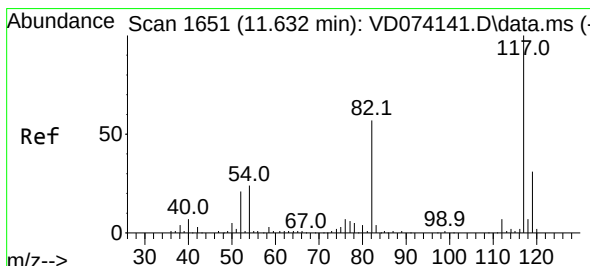
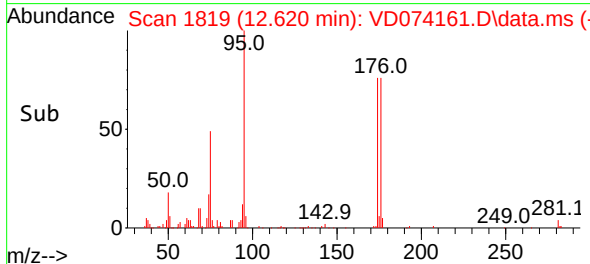
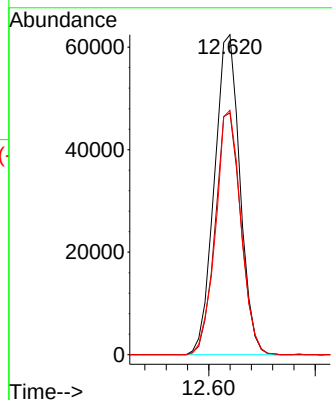
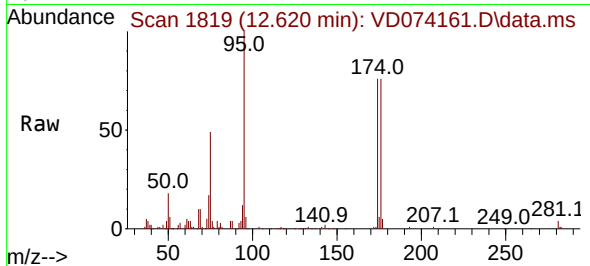




#62
4-Bromofluorobenzene
Concen: 56.008 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074161.D
Acq: 19 Aug 2022 21:21

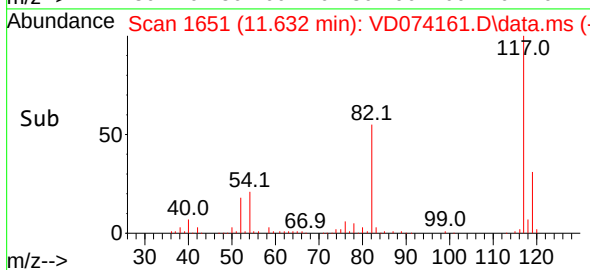
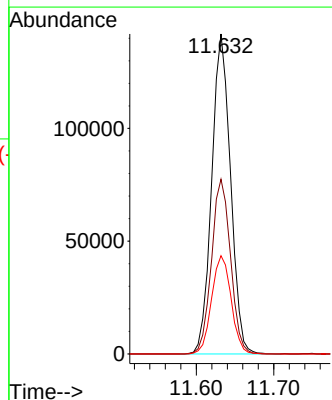
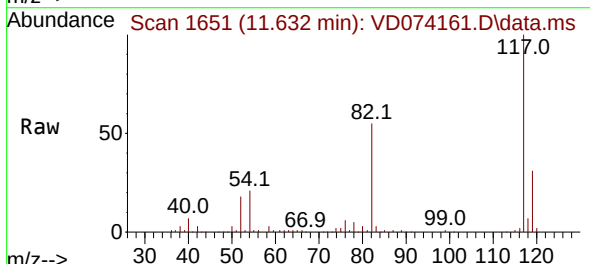
Instrument :
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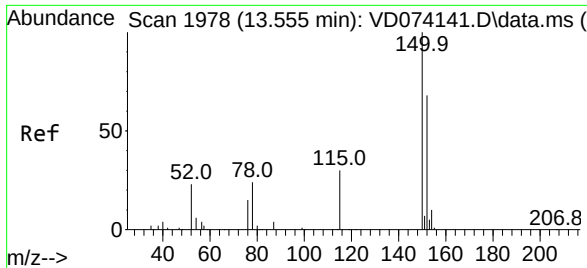
Tgt Ion: 95 Resp: 103655
Ion Ratio Lower Upper
95 100
174 76.0 0.0 152.8
176 75.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074161.D
Acq: 19 Aug 2022 21:21

Tgt Ion: 117 Resp: 239143
Ion Ratio Lower Upper
117 100
82 54.6 45.3 67.9
119 30.7 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: VD074161.D

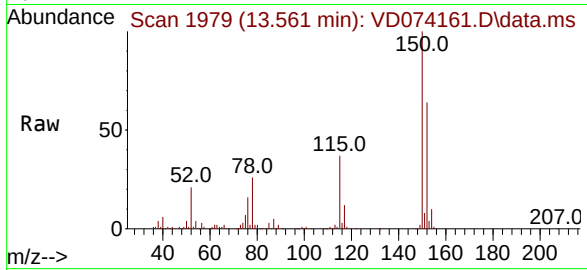
Acq: 19 Aug 2022 21:21

Instrument :

MSVOA_D

ClientSampleId :

TP3-0816



Tgt Ion:152 Resp: 115231

Ion Ratio Lower Upper

152 100

115 60.5 31.3 93.8

150 158.3 0.0 348.6

