

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081222\
 Data File : VD074067.D
 Acq On : 12 Aug 2022 17:18
 Operator : VA/SY
 Sample : N4183-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STOCKPILE

Quant Time: Aug 12 23:48:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:55:58 2022
 Response via : Initial Calibration

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

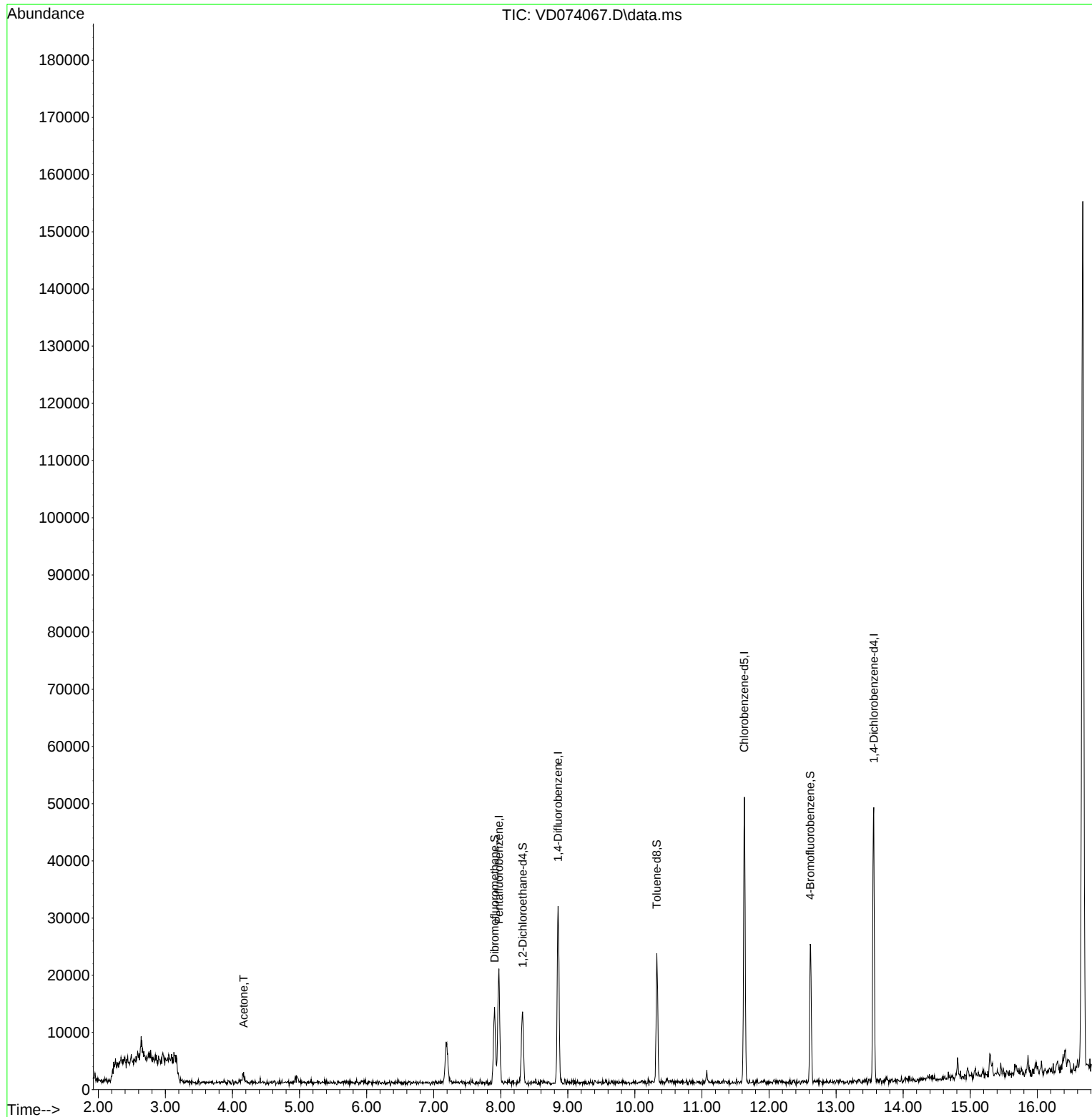
Internal Standards						
1) Pentafluorobenzene	7.973	168	13567	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	24901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	26531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	12936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	9924	100.179	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 200.360%#	
35) Dibromofluoromethane	7.908	113	8514	51.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.960%	
50) Toluene-d8	10.326	98	15712	34.566	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 69.140%	
62) 4-Bromofluorobenzene	12.614	95	8142	40.032	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.060%	
Target Compounds						
					Qvalue	
16) Acetone	4.168	43	2494	114.888	ug/l	# 86

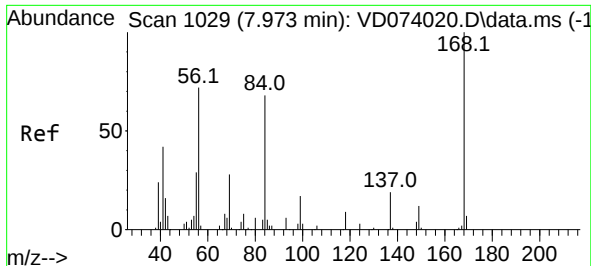
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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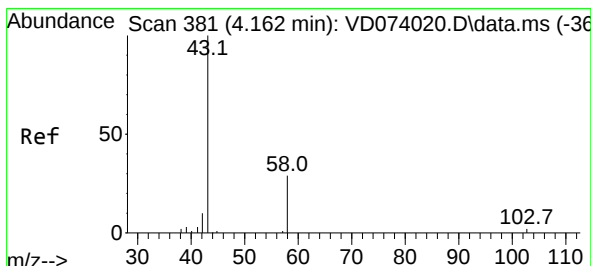
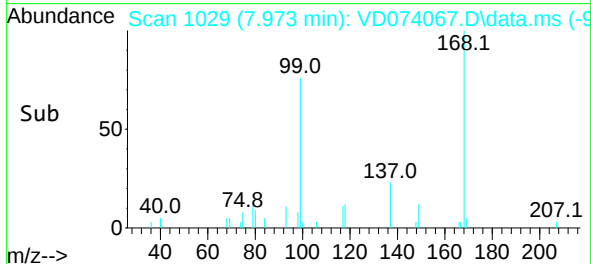
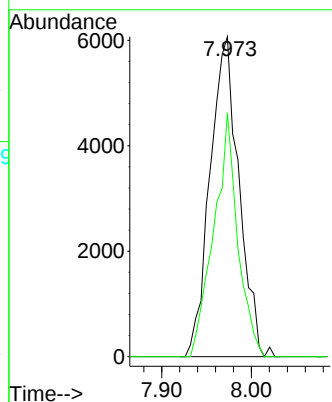
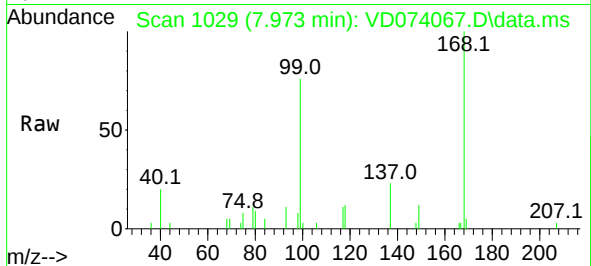




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074067.D
Acq: 12 Aug 2022 17:18

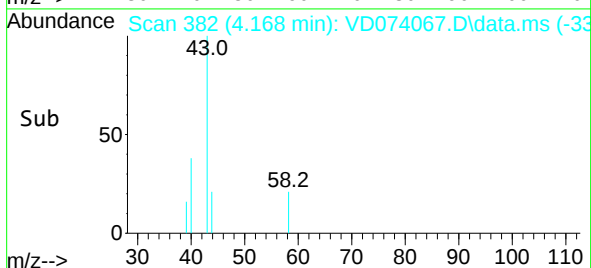
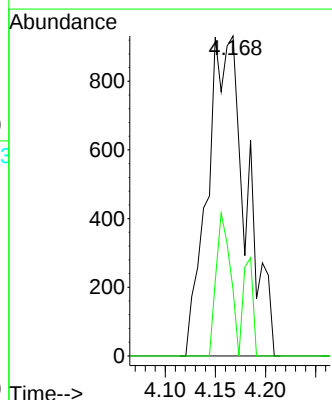
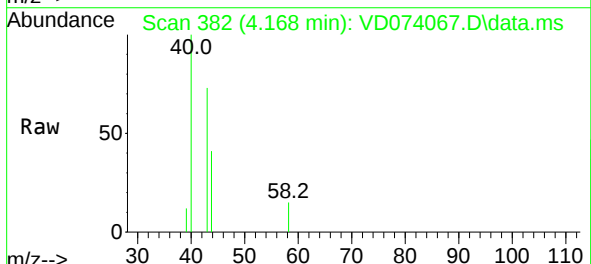
Instrument :
MSVOA_D
ClientSampleId :
STOCKPILE

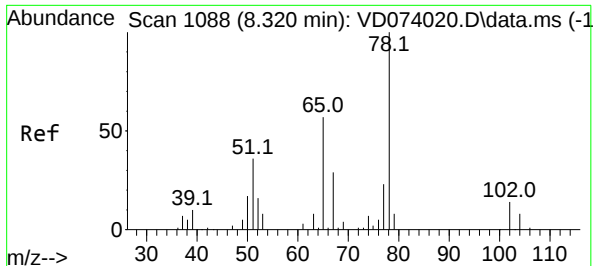
Tgt Ion:168 Resp: 13567
Ion Ratio Lower Upper
168 100
99 76.2 48.3 72.5#



#16
Acetone
Concen: 114.888 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD074067.D
Acq: 12 Aug 2022 17:18

Tgt Ion: 43 Resp: 2494
Ion Ratio Lower Upper
43 100
58 20.9 22.8 34.2#





#33

1,2-Dichloroethane-d4

Concen: 100.179 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD074067.D

Acq: 12 Aug 2022 17:18

Instrument :

MSVOA_D

ClientSampleId :

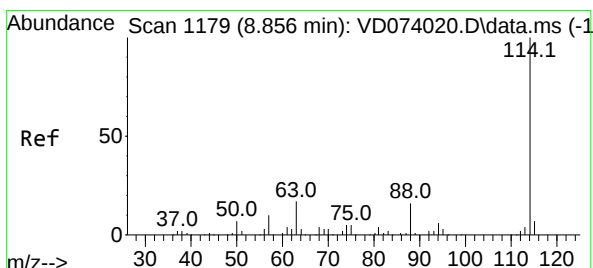
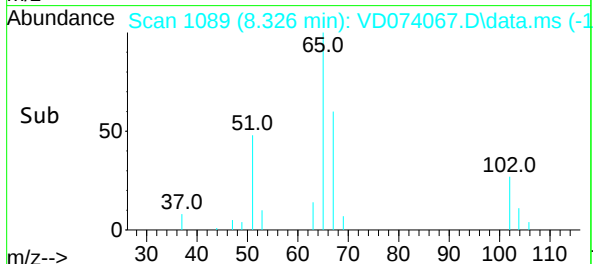
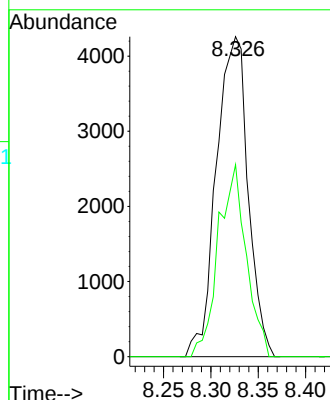
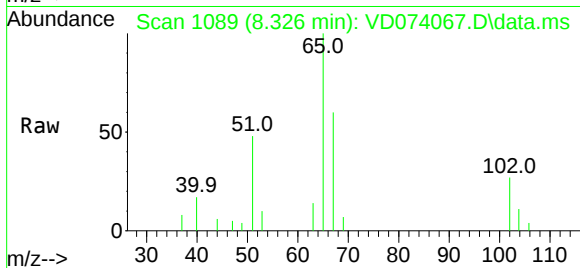
STOCKPILE

Tgt Ion: 65 Resp: 9924

Ion Ratio Lower Upper

65 100

67 52.9 0.0 113.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD074067.D

Acq: 12 Aug 2022 17:18

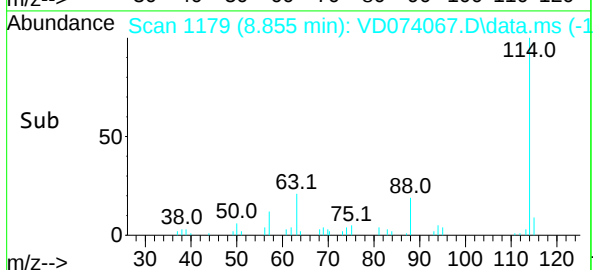
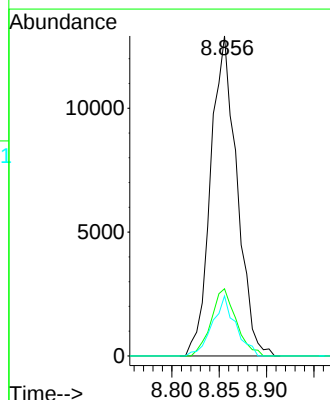
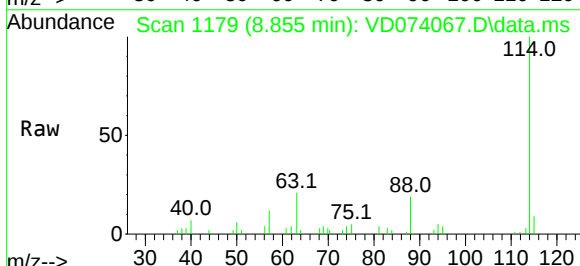
Tgt Ion: 114 Resp: 24901

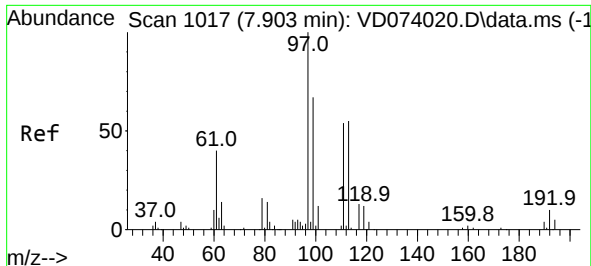
Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.0

88 18.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.478 ug/l

RT: 7.908 min Scan# 1017

Delta R.T. 0.005 min

Lab File: VD074067.D

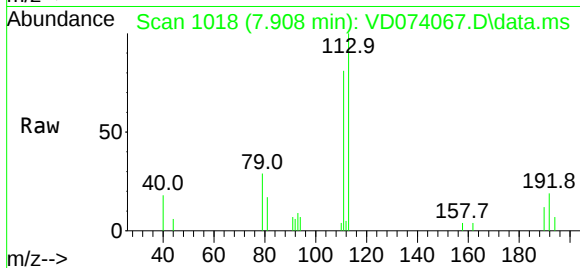
Acq: 12 Aug 2022 17:18

Instrument :

MSVOA_D

ClientSampleId :

STOCKPILE



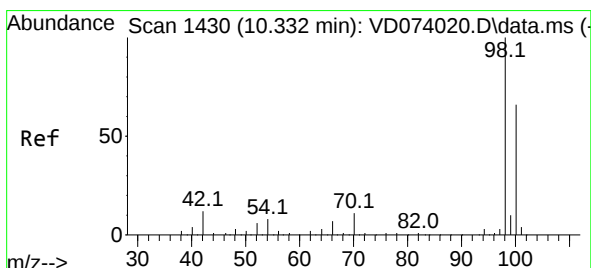
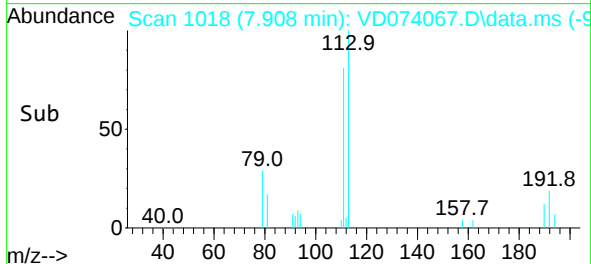
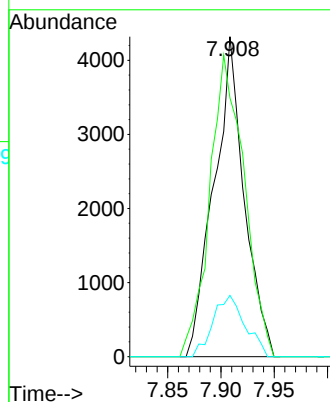
Tgt Ion:113 Resp: 8514

Ion Ratio Lower Upper

113 100

111 107.5 80.0 120.0

192 20.3 14.2 21.4



#50

Toluene-d8

Concen: 34.566 ug/l

RT: 10.326 min Scan# 1429

Delta R.T. -0.006 min

Lab File: VD074067.D

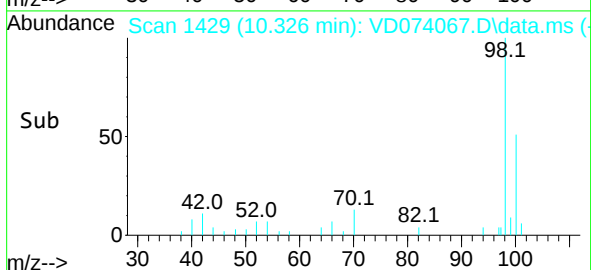
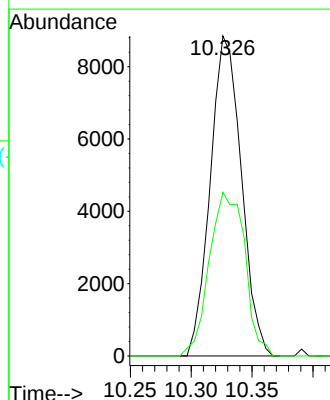
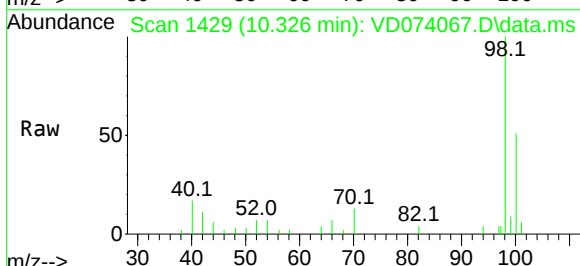
Acq: 12 Aug 2022 17:18

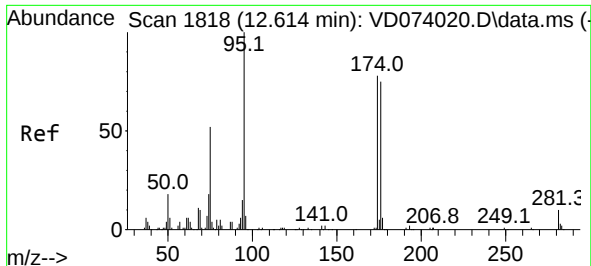
Tgt Ion: 98 Resp: 15712

Ion Ratio Lower Upper

98 100

100 58.3 51.3 76.9

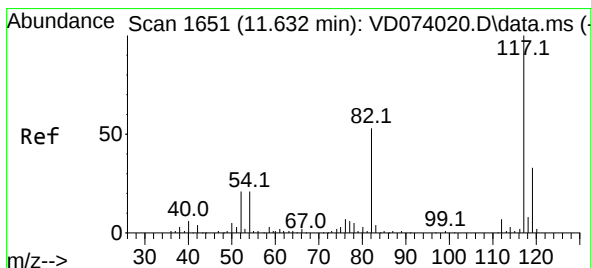
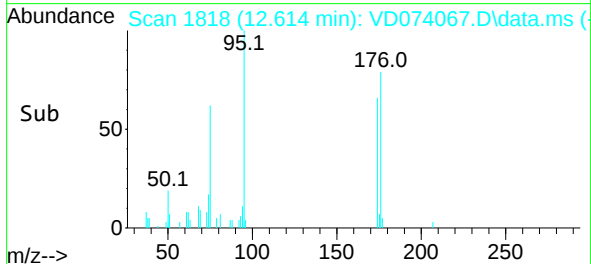
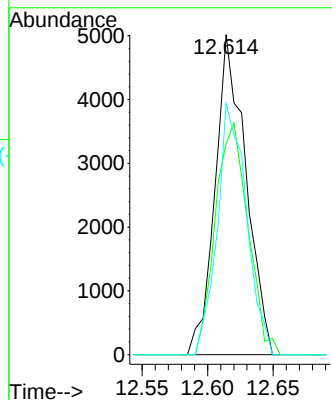
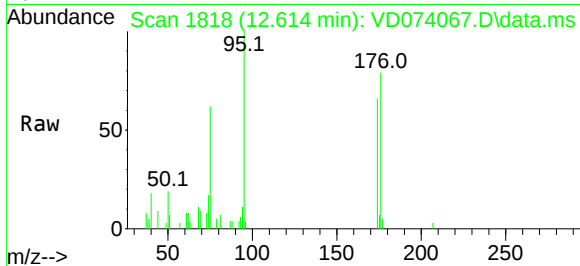




#62
4-Bromofluorobenzene
Concen: 40.032 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VD074067.D
Acq: 12 Aug 2022 17:18

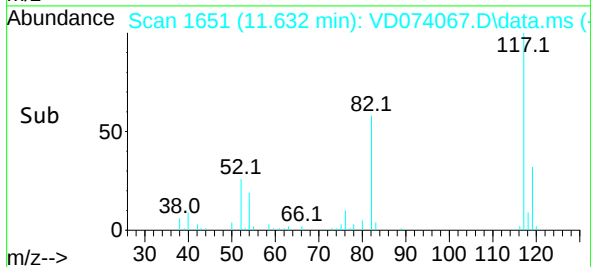
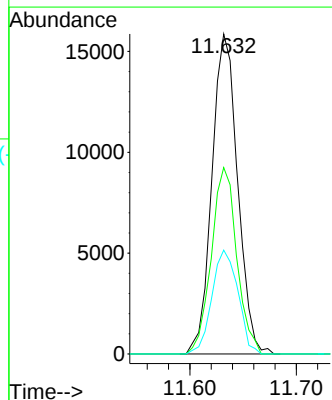
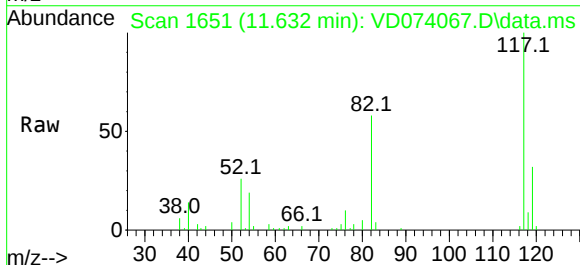
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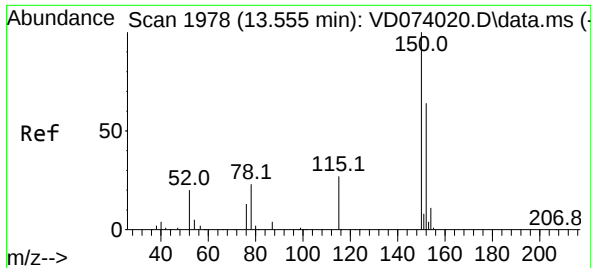
Tgt Ion: 95 Resp: 8142
Ion Ratio Lower Upper
95 100
174 77.1 0.0 162.6
176 74.9 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074067.D
Acq: 12 Aug 2022 17:18

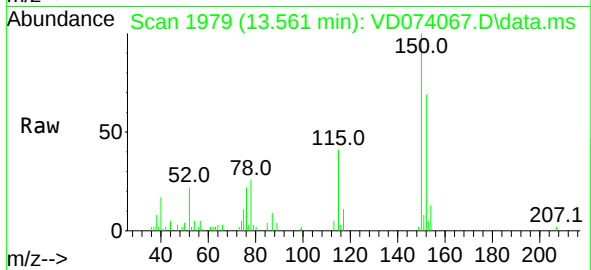
Tgt Ion: 117 Resp: 26531
Ion Ratio Lower Upper
117 100
82 58.3 42.7 64.1
119 32.5 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD074067.D
 Acq: 12 Aug 2022 17:18

Instrument :
 MSVOA_D
 ClientSampleId :
 STOCKPILE



Tgt Ion:	152	Resp:	12936
Ion Ratio	Lower	Upper	
152	100		
115	58.6	29.9	89.8
150	147.5	0.0	342.8

