

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074207.D
 Acq On : 24 Aug 2022 03:26
 Operator : VA/SY
 Sample : N4264-01
 Misc : 5.17G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-3

Quant Time: Aug 24 06:27:17 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)

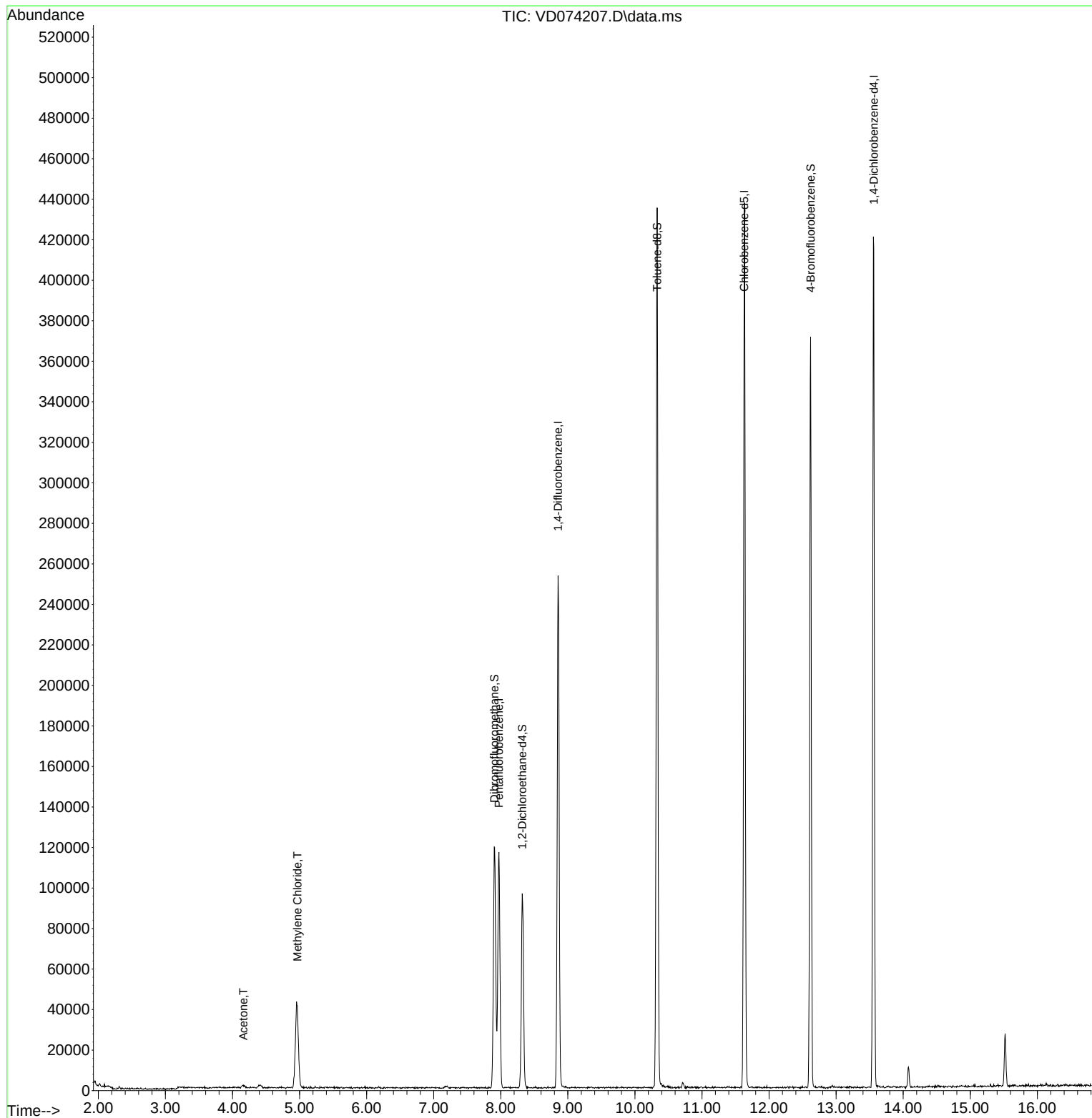
Internal Standards						
1) Pentafluorobenzene	7.973	168	83594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	215828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	250876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	115279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	77907	91.204	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 182.400%#	
35) Dibromofluoromethane	7.903	113	87076	60.317	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.640%	
50) Toluene-d8	10.332	98	291471	62.733	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 125.460%	
62) 4-Bromofluorobenzene	12.620	95	113142	61.640	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 123.280%	
Target Compounds						
16) Acetone	4.162	43	2687	16.511	ug/l	92
20) Methylene Chloride	4.967	84	32550	28.854	ug/l #	88

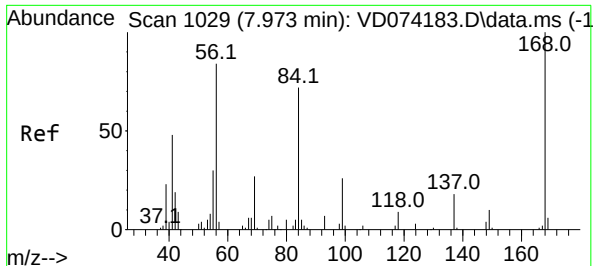
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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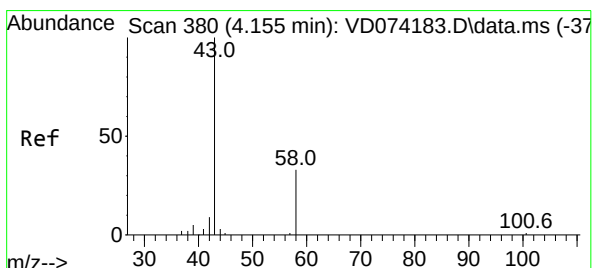
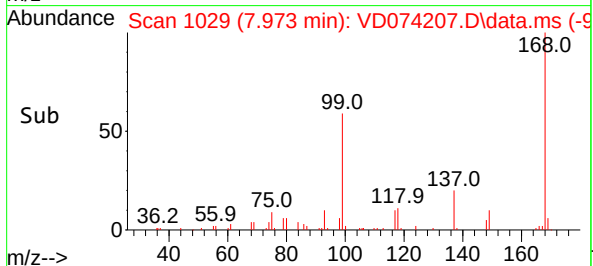
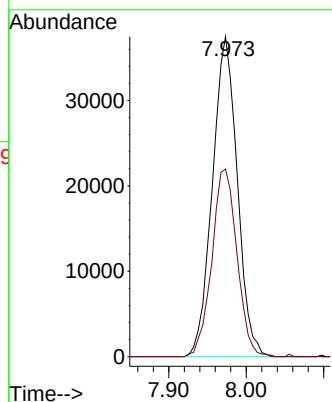
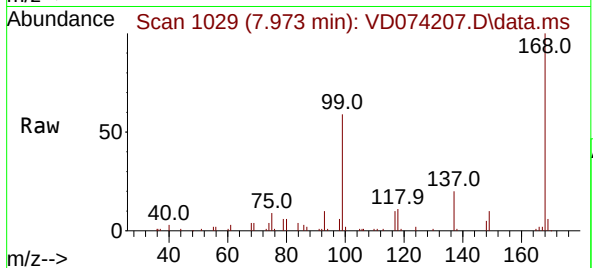




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074207.D
Acq: 24 Aug 2022 03:26

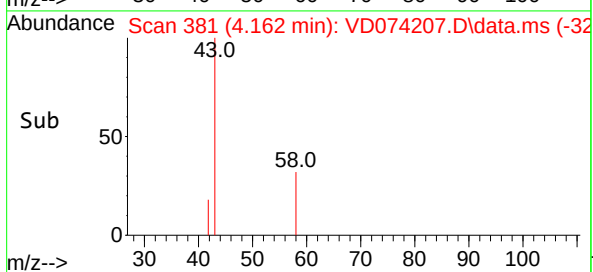
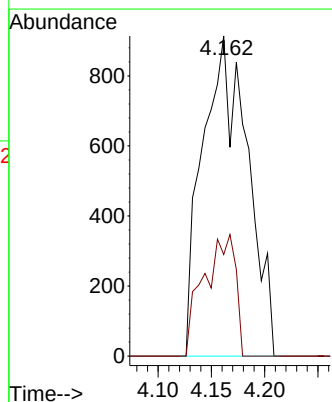
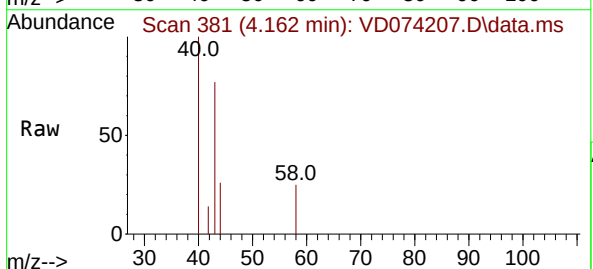
Instrument :
MSVOA_D
ClientSampleId :
B-3

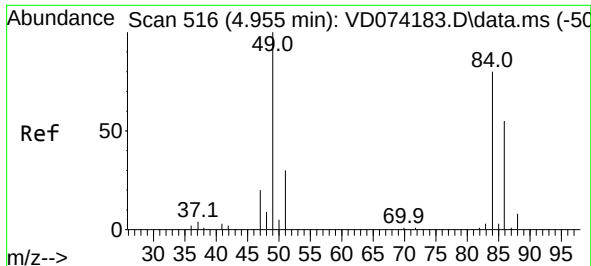
Tgt Ion:168 Resp: 83594
Ion Ratio Lower Upper
168 100
99 58.6 49.8 74.6



#16
Acetone
Concen: 16.511 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.007 min
Lab File: VD074207.D
Acq: 24 Aug 2022 03:26

Tgt Ion: 43 Resp: 2687
Ion Ratio Lower Upper
43 100
58 31.7 22.1 33.1

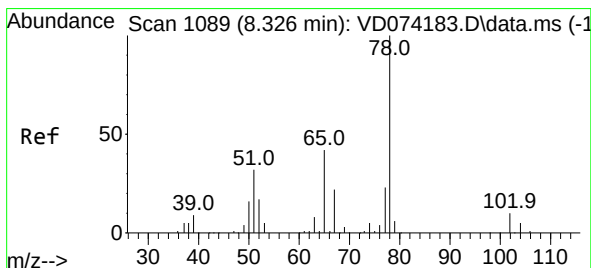
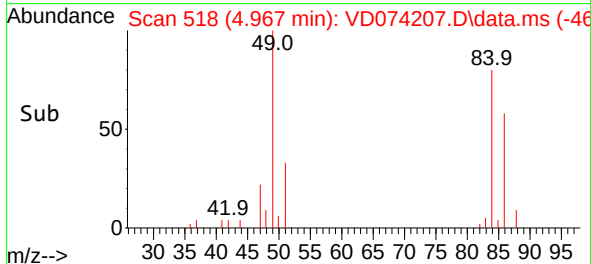
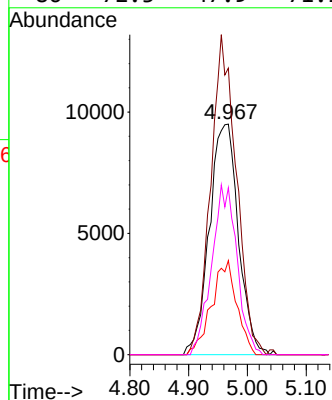
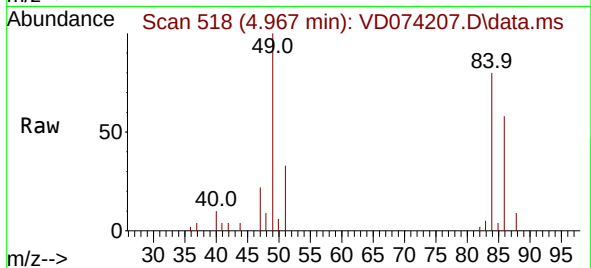




#20
Methylene Chloride
Concen: 28.854 ug/l
RT: 4.967 min Scan# 516
Delta R.T. 0.012 min
Lab File: VD074207.D
Acq: 24 Aug 2022 03:26

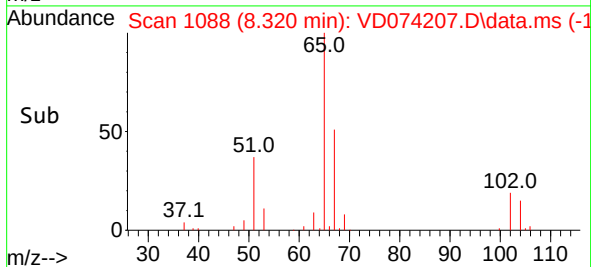
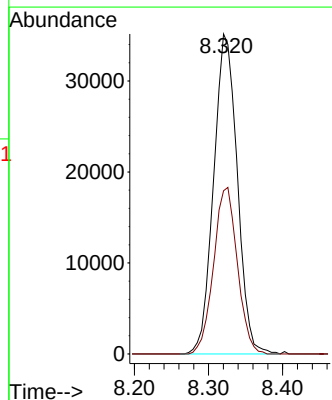
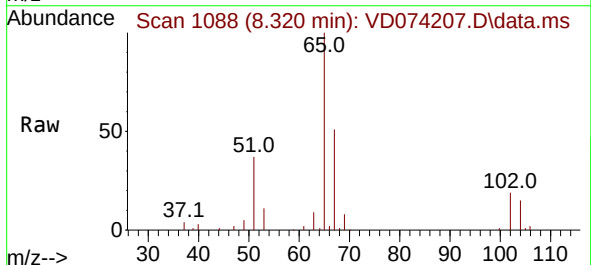
Instrument :
MSVOA_D
ClientSampleId :
B-3

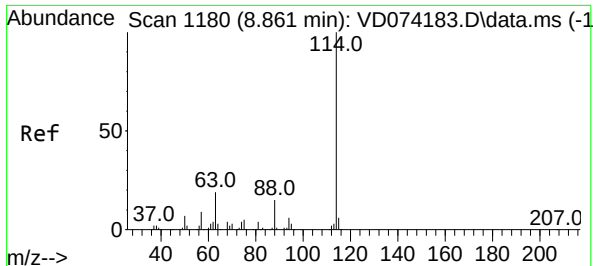
Tgt Ion: 84 Resp: 32550
Ion Ratio Lower Upper
84 100
49 124.3 112.8 169.2
51 40.8 32.6 48.8
86 72.3 47.9 71.9#



#33
1,2-Dichloroethane-d4
Concen: 91.204 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD074207.D
Acq: 24 Aug 2022 03:26

Tgt Ion: 65 Resp: 77907
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD074207.D

Acq: 24 Aug 2022 03:26

Instrument :

MSVOA_D

ClientSampleId :

B-3

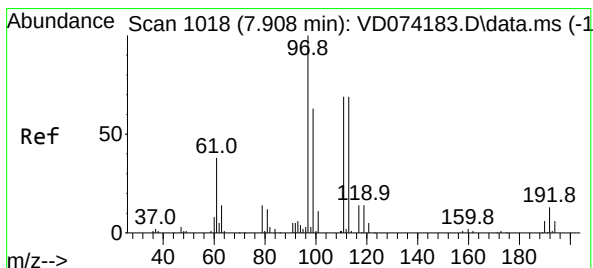
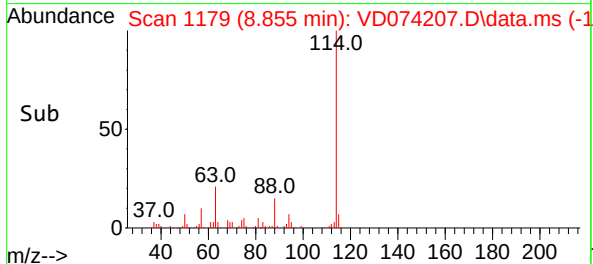
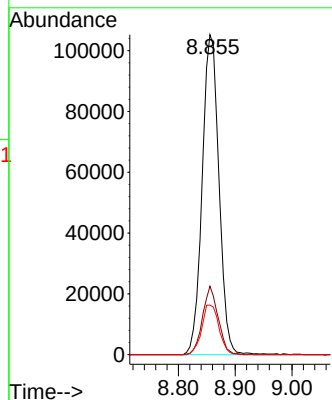
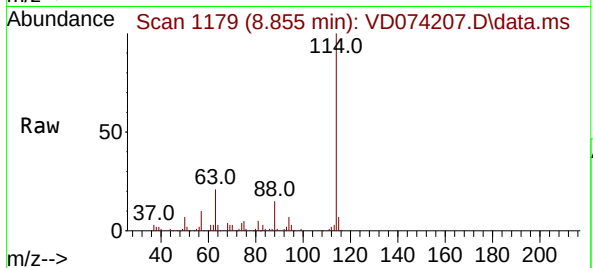
Tgt Ion:114 Resp: 215828

Ion Ratio Lower Upper

114 100

63 21.4 0.0 46.6

88 15.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 60.317 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.005 min

Lab File: VD074207.D

Acq: 24 Aug 2022 03:26

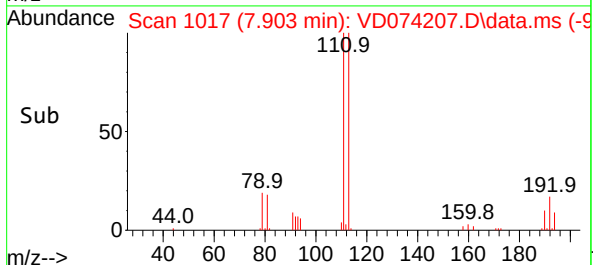
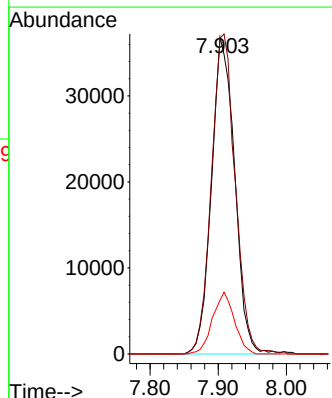
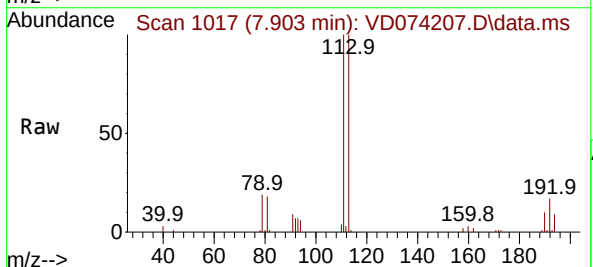
Tgt Ion:113 Resp: 87076

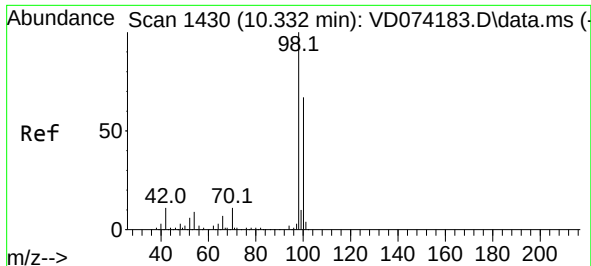
Ion Ratio Lower Upper

113 100

111 103.7 83.8 125.6

192 18.4 14.6 21.8

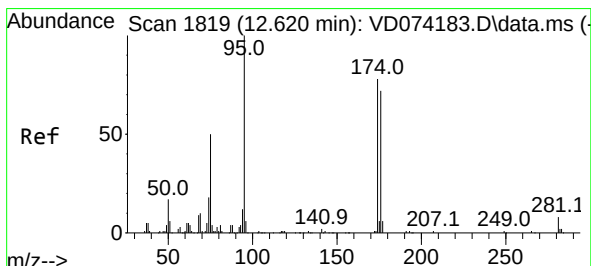
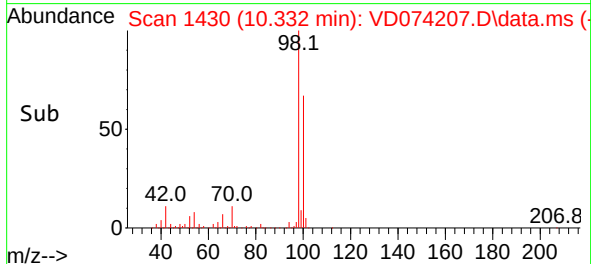
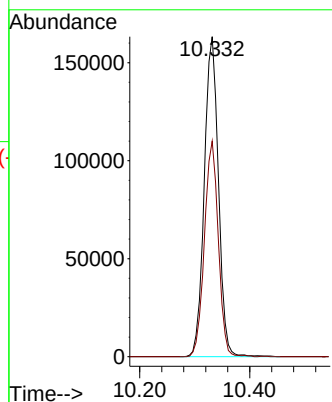
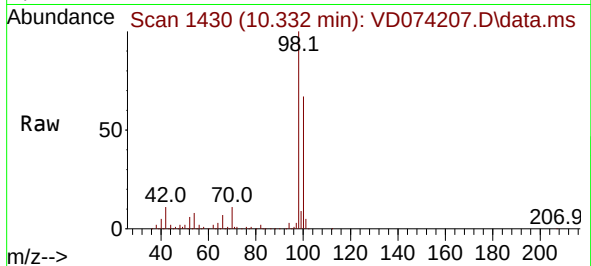




#50
Toluene-d8
Concen: 62.733 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074207.D
Acq: 24 Aug 2022 03:26

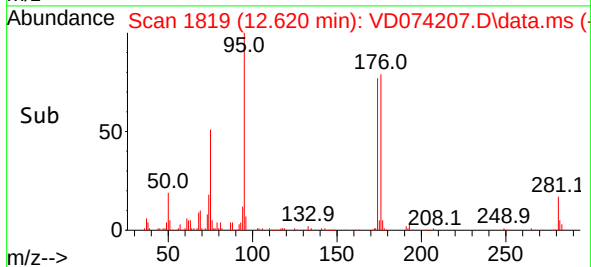
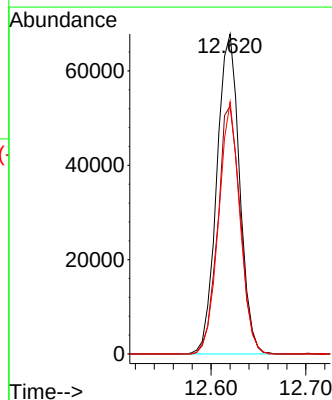
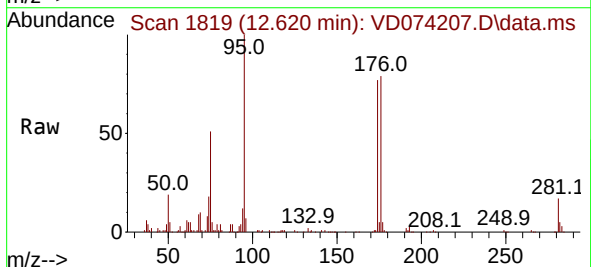
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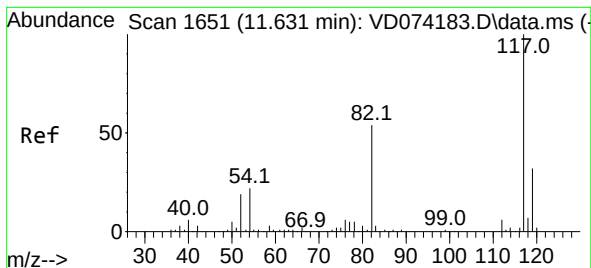
Tgt Ion: 98 Resp: 291471
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 61.640 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074207.D
Acq: 24 Aug 2022 03:26

Tgt Ion: 95 Resp: 113142
Ion Ratio Lower Upper
95 100
174 76.8 0.0 152.8
176 73.9 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD074207.D

Acq: 24 Aug 2022 03:26

Instrument :

MSVOA_D

ClientSampleId :

B-3

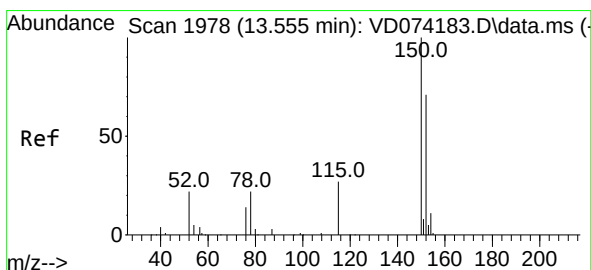
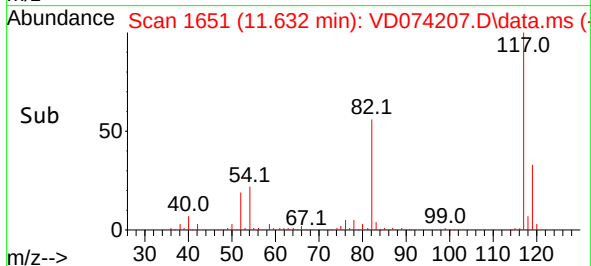
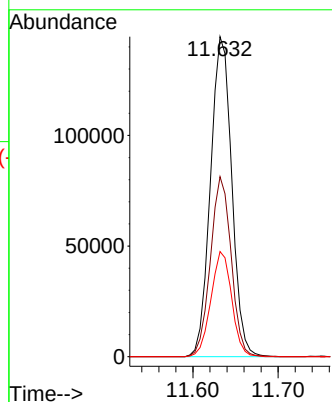
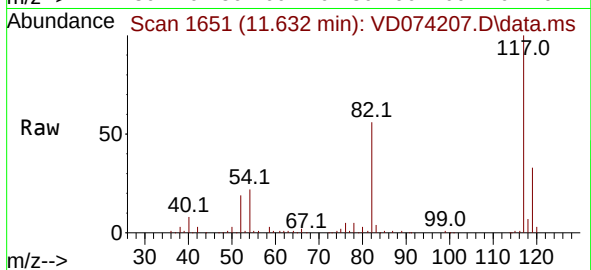
Tgt Ion:117 Resp: 250876

Ion Ratio Lower Upper

117 100

82 56.2 45.3 67.9

119 32.8 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: VD074207.D

Acq: 24 Aug 2022 03:26

Tgt Ion:152 Resp: 115279

Ion Ratio Lower Upper

152 100

115 61.1 31.3 93.8

150 158.2 0.0 348.6

