

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081122\
 Data File : VD074040.D
 Acq On : 11 Aug 2022 14:27
 Operator : VA/SY
 Sample : N4130-03
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB03

Quant Time: Aug 11 18:02:35 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)

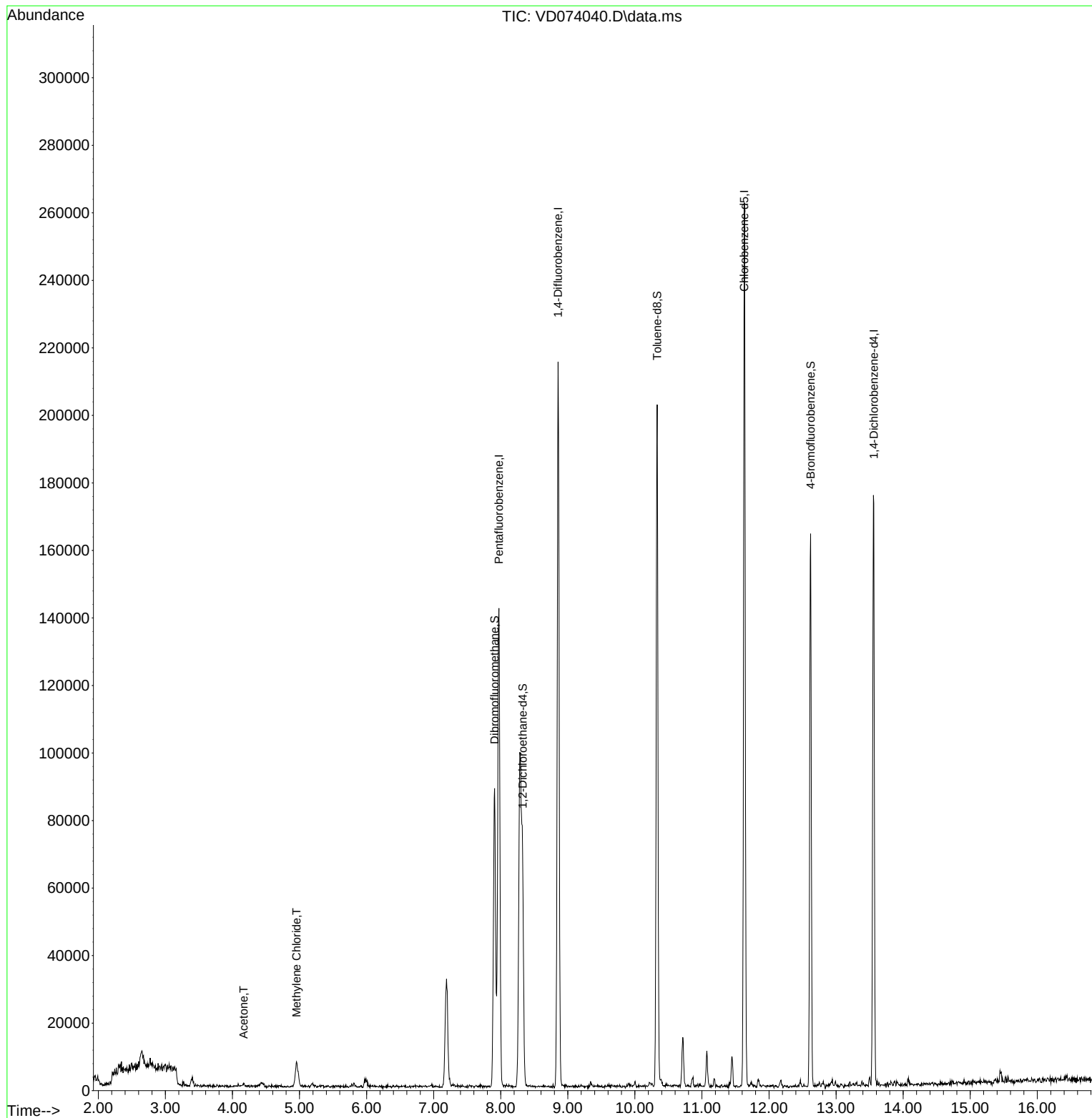
Internal Standards						
1) Pentafluorobenzene	7.973	168	101804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	178700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	145969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	47167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	51238	66.220	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.440%
35) Dibromofluoromethane	7.909	113	60603	51.060	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.120%
50) Toluene-d8	10.332	98	136358	43.139	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.280%
62) 4-Bromofluorobenzene	12.620	95	51540	35.311	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.620%
Target Compounds						
					Qvalue	
16) Acetone	4.168	43	1740	10.682	ug/l #	89
20) Methylene Chloride	4.956	84	5102	1.822	ug/l #	90

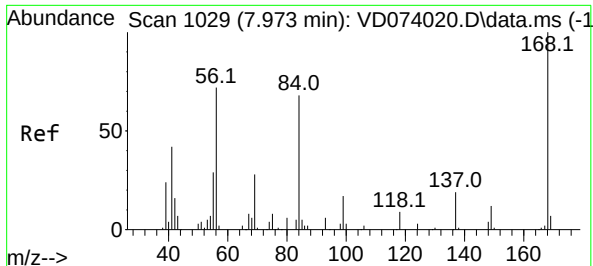
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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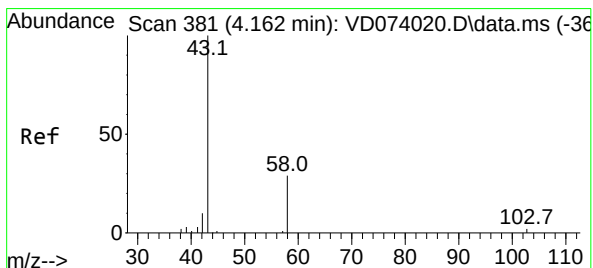
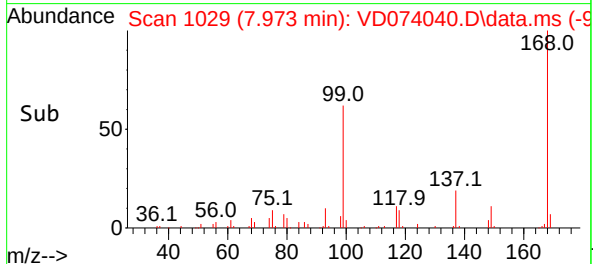
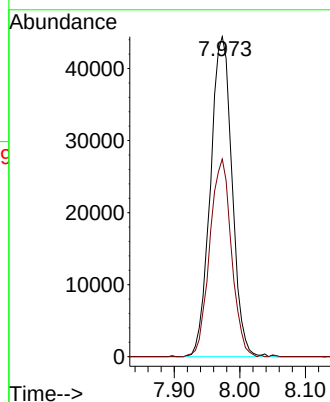
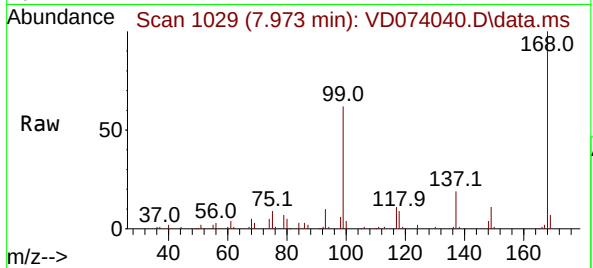




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074040.D
Acq: 11 Aug 2022 14:27

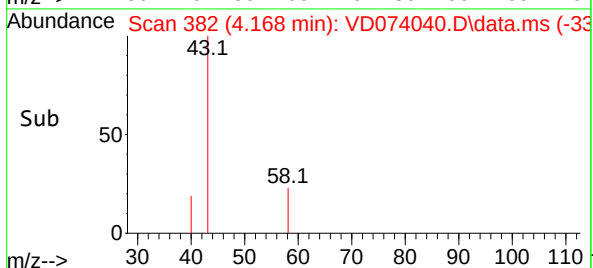
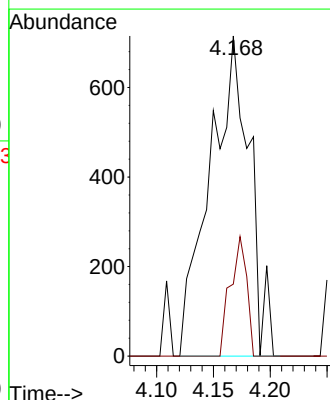
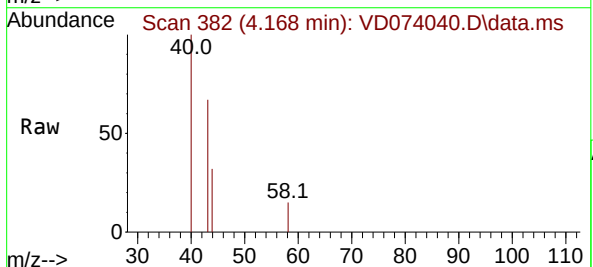
Instrument :
MSVOA_D
ClientSampleId :
SB03

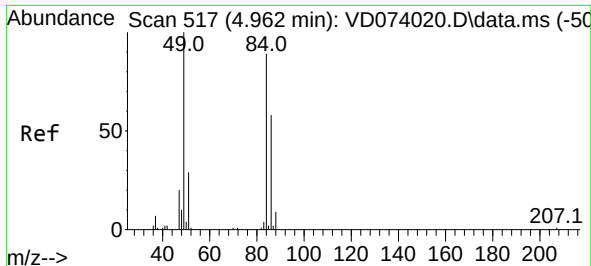
Tgt Ion:168 Resp: 101804
Ion Ratio Lower Upper
168 100
99 61.7 48.3 72.5



#16
Acetone
Concen: 10.682 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD074040.D
Acq: 11 Aug 2022 14:27

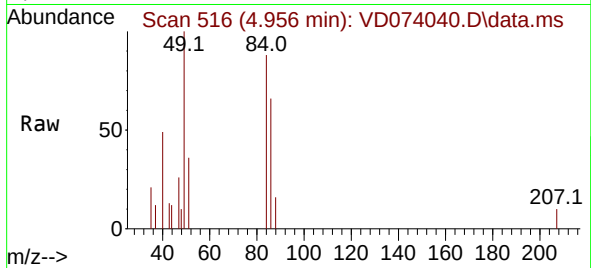
Tgt Ion: 43 Resp: 1740
Ion Ratio Lower Upper
43 100
58 22.5 22.8 34.2#



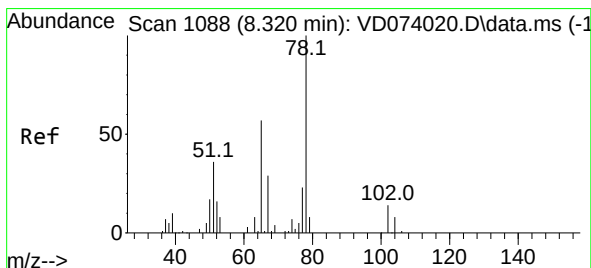
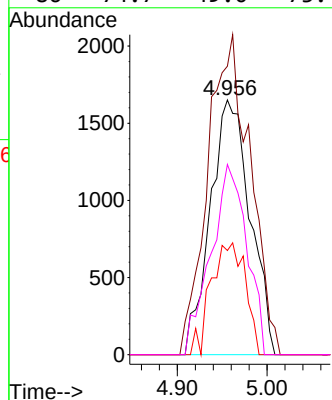
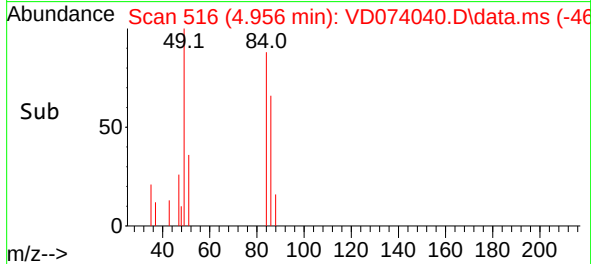


#20
Methylene Chloride
Concen: 1.822 ug/l
RT: 4.956 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD074040.D
Acq: 11 Aug 2022 14:27

Instrument :
MSVOA_D
ClientSampleId :
SB03

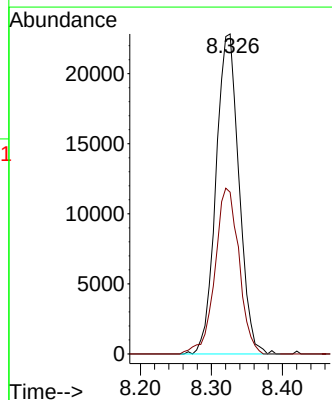
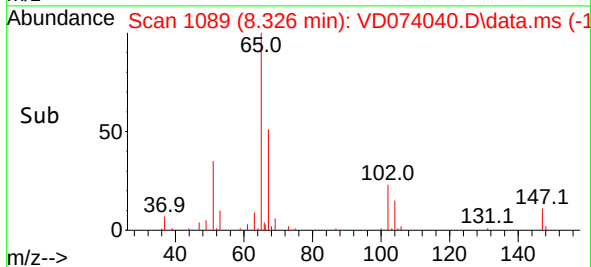
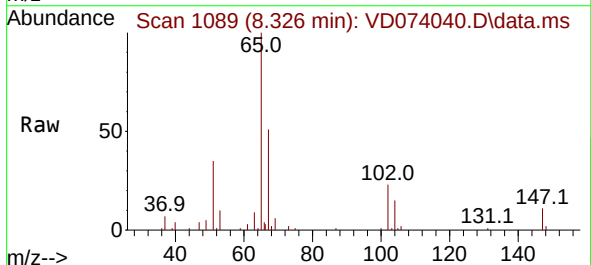


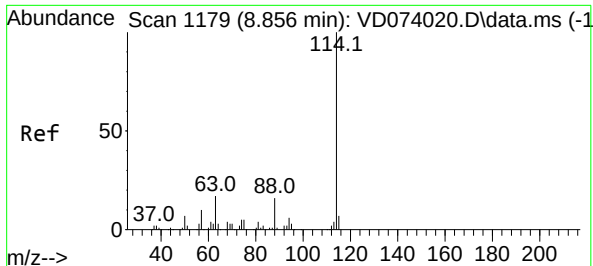
Tgt Ion: 84 Resp: 5102
Ion Ratio Lower Upper
84 100
49 113.3 85.8 128.6
51 40.9 28.0 42.0
86 74.7 49.0 73.4#



#33
1,2-Dichloroethane-d4
Concen: 66.220 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD074040.D
Acq: 11 Aug 2022 14:27

Tgt Ion: 65 Resp: 51238
Ion Ratio Lower Upper
65 100
67 54.2 0.0 113.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD074040.D

Acq: 11 Aug 2022 14:27

Instrument :

MSVOA_D

ClientSampleId :

SB03

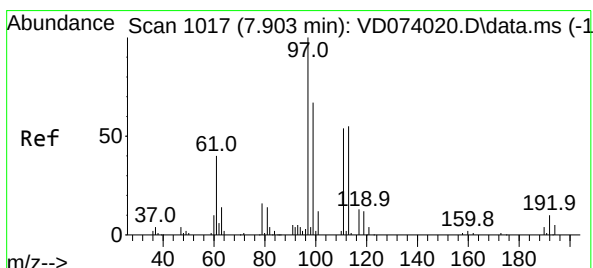
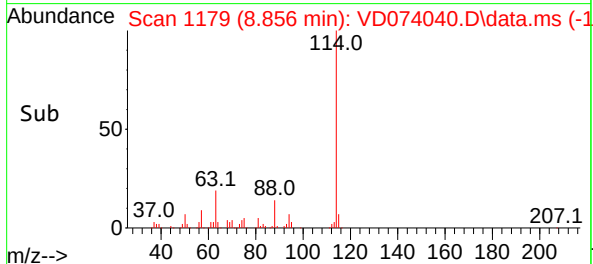
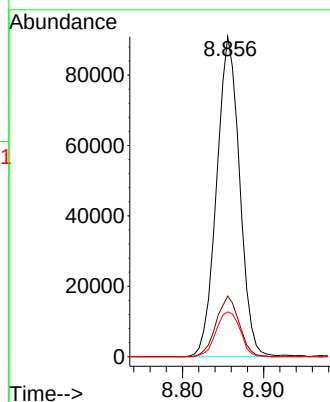
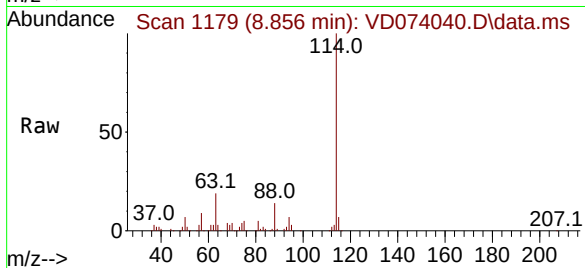
Tgt Ion:114 Resp: 178700

Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.0

88 14.0 0.0 31.6



#35

Dibromofluoromethane

Concen: 51.060 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD074040.D

Acq: 11 Aug 2022 14:27

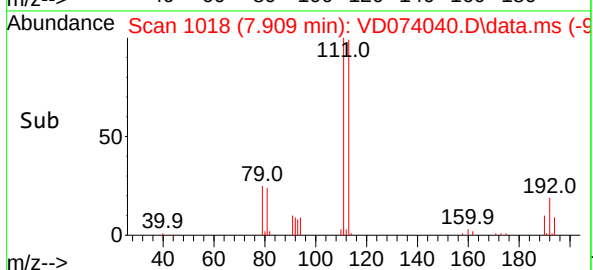
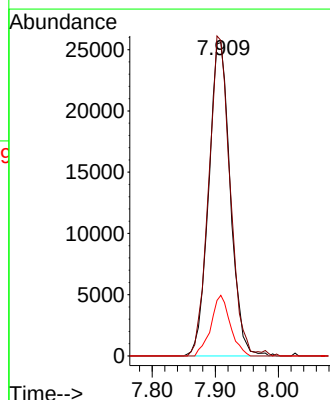
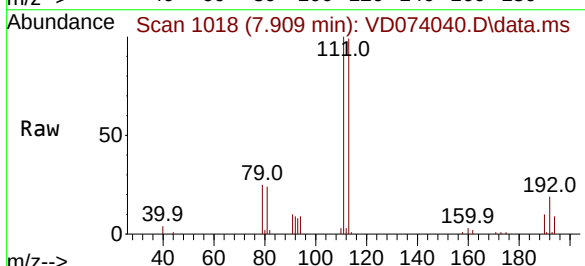
Tgt Ion:113 Resp: 60603

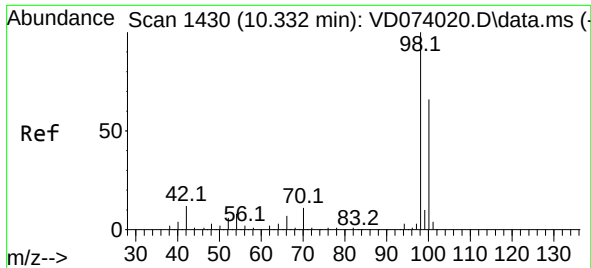
Ion Ratio Lower Upper

113 100

111 100.8 80.0 120.0

192 17.4 14.2 21.4

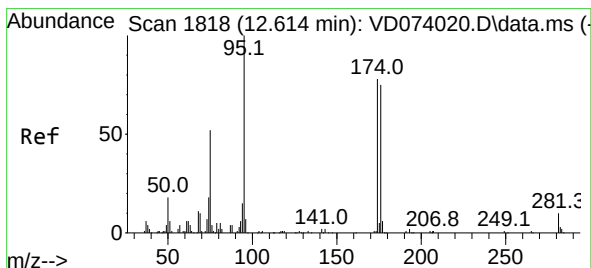
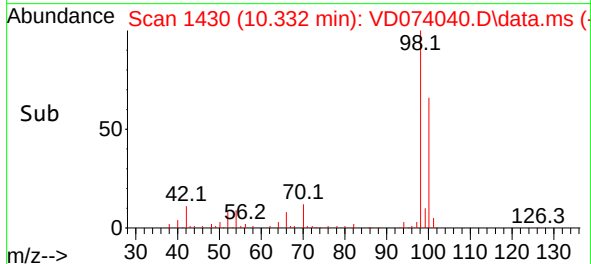
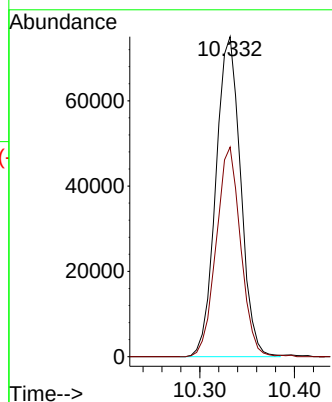
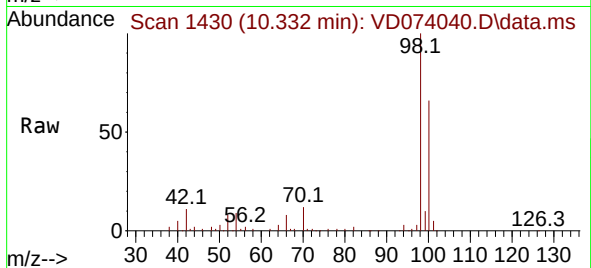




#50
Toluene-d8
Concen: 43.139 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074040.D
Acq: 11 Aug 2022 14:27

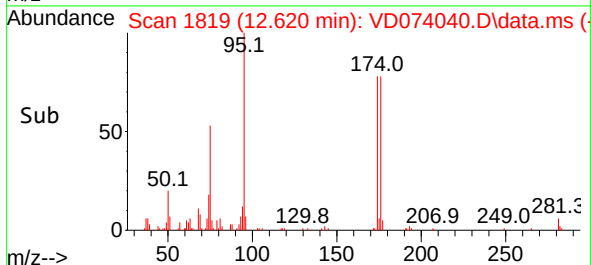
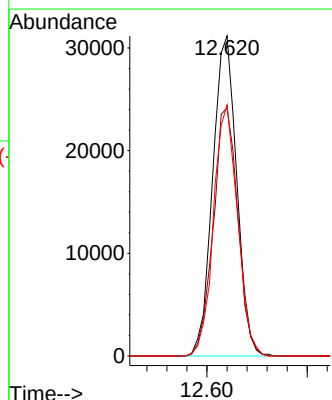
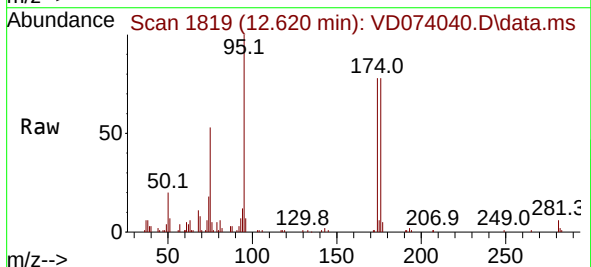
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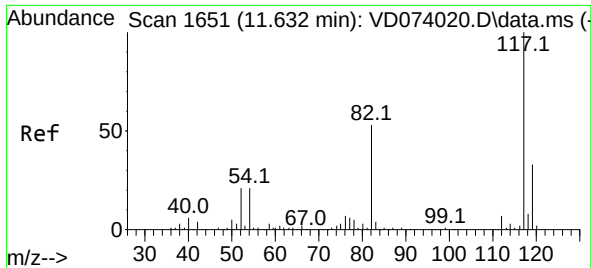
Tgt Ion: 98 Resp: 136358
Ion Ratio Lower Upper
98 100
100 64.8 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 35.311 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD074040.D
Acq: 11 Aug 2022 14:27

Tgt Ion: 95 Resp: 51540
Ion Ratio Lower Upper
95 100
174 80.3 0.0 162.6
176 78.5 0.0 160.0

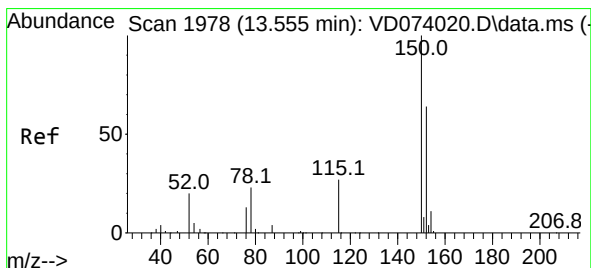
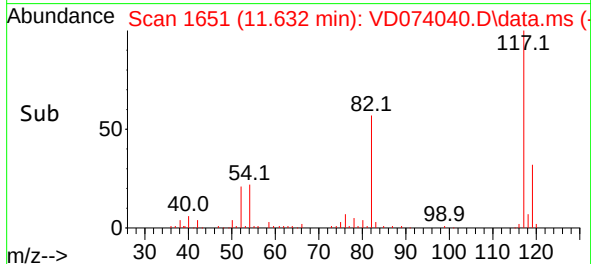
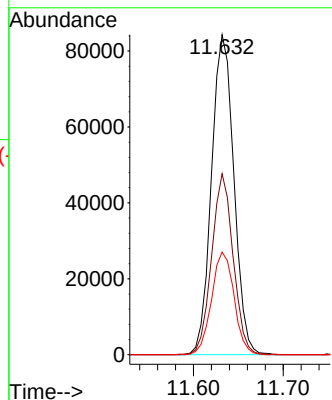
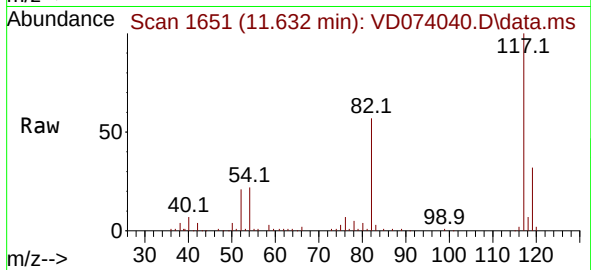




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074040.D
Acq: 11 Aug 2022 14:27

Instrument :
MSVOA_D
ClientSampleId :
SB03

Tgt Ion:117 Resp: 145969
Ion Ratio Lower Upper
117 100
82 56.5 42.7 64.1
119 32.0 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: VD074040.D
Acq: 11 Aug 2022 14:27

Tgt Ion:152 Resp: 47167
Ion Ratio Lower Upper
152 100
115 59.6 29.9 89.8
150 155.5 0.0 342.8

