

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080922\
 Data File : VD074001.D
 Acq On : 09 Aug 2022 21:27
 Operator : VA/SY
 Sample : VD0809SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0809SBL01

Quant Time: Aug 10 01:09:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 01:05:43 2022
 Response via : Initial Calibration

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

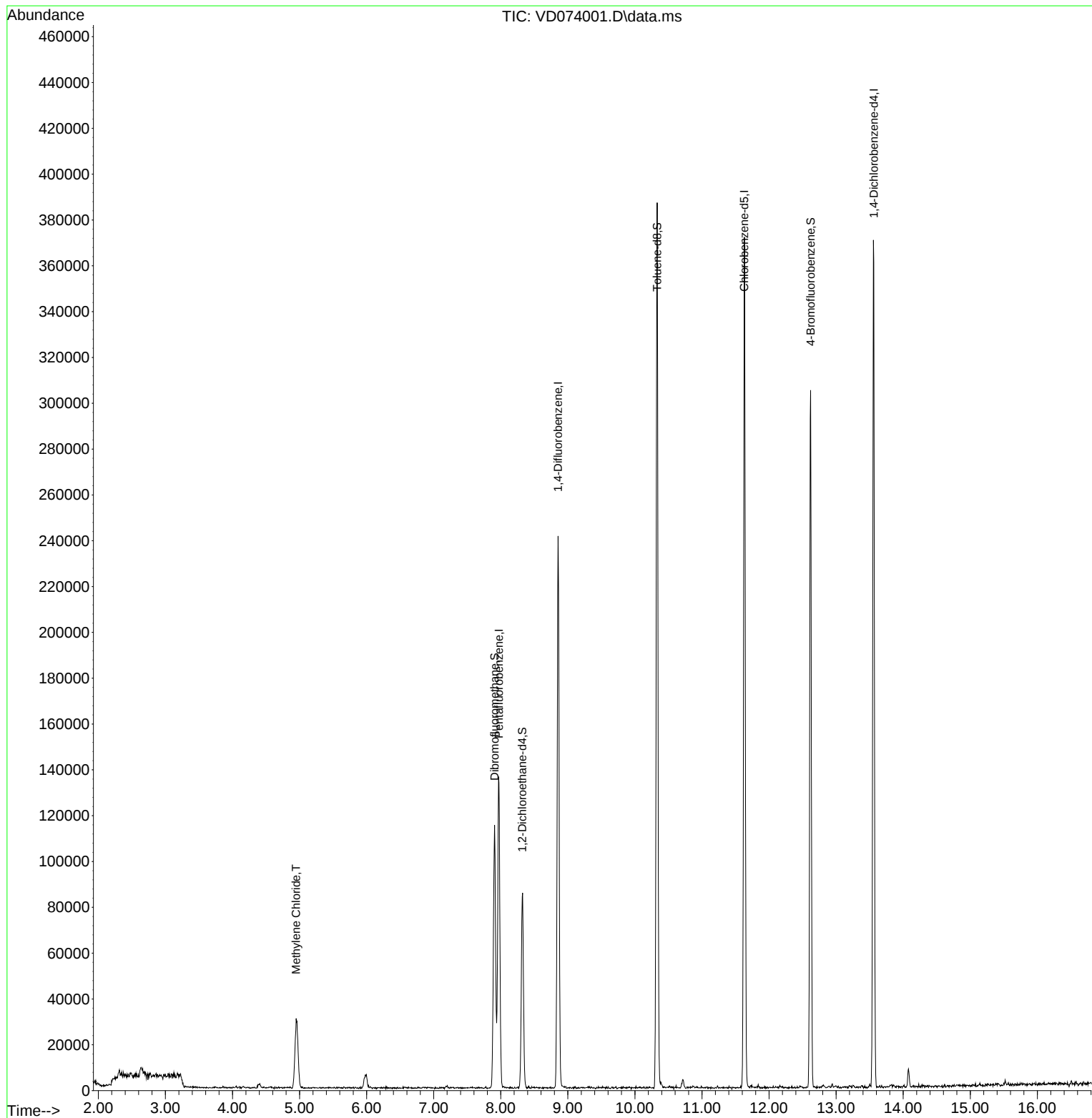
Internal Standards						
1) Pentafluorobenzene	7.973	168	95275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	206287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	209077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	94408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	68100	80.621	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 161.240%		
35) Dibromofluoromethane	7.908	113	78334	62.162	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 124.320%		
50) Toluene-d8	10.332	98	258713	69.500	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 139.000%		
62) 4-Bromofluorobenzene	12.620	95	90165	56.359	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 112.720%		
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.950	84	23565	15.941	ug/l	98

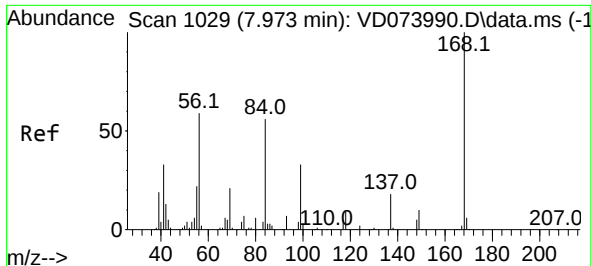
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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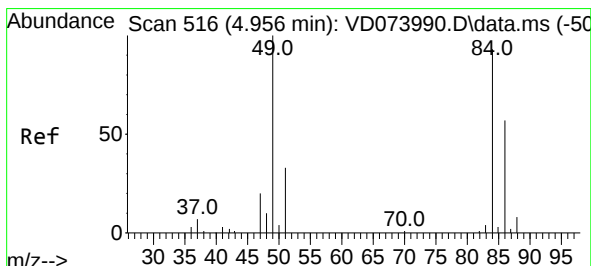
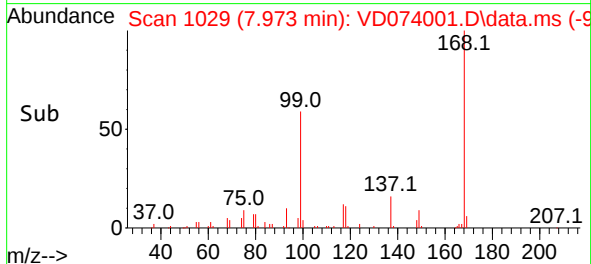
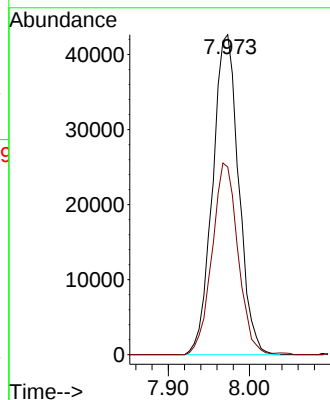
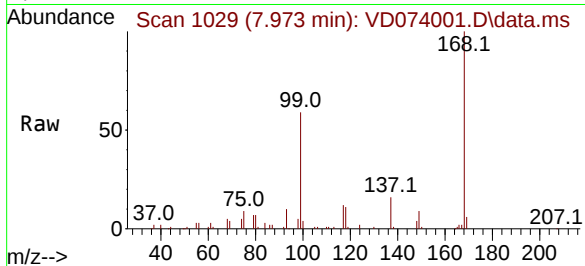




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074001.D
Acq: 09 Aug 2022 21:27

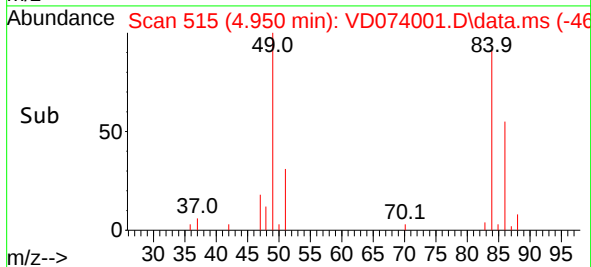
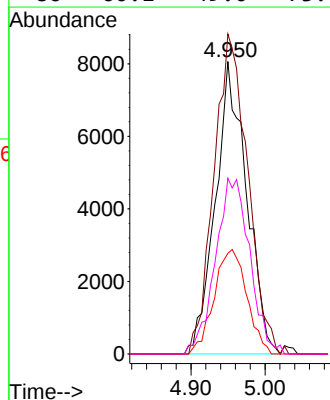
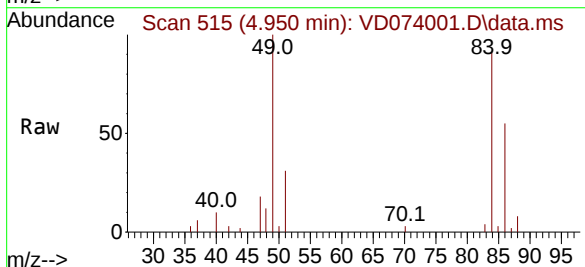
Instrument :
MSVOA_D
ClientSampleId :
VD0809SBL01

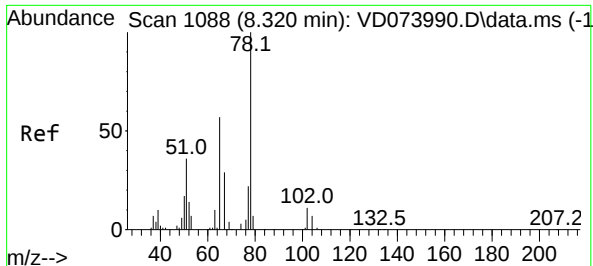
Tgt Ion:168 Resp: 95275
Ion Ratio Lower Upper
168 100
99 58.7 48.3 72.5



#20
Methylene Chloride
Concen: 15.941 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.006 min
Lab File: VD074001.D
Acq: 09 Aug 2022 21:27

Tgt Ion: 84 Resp: 23565
Ion Ratio Lower Upper
84 100
49 109.4 85.8 128.6
51 34.4 28.0 42.0
86 60.1 49.0 73.4





#33

1,2-Dichloroethane-d4

Concen: 80.621 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD074001.D

Acq: 09 Aug 2022 21:27

Instrument :

MSVOA_D

ClientSampleId :

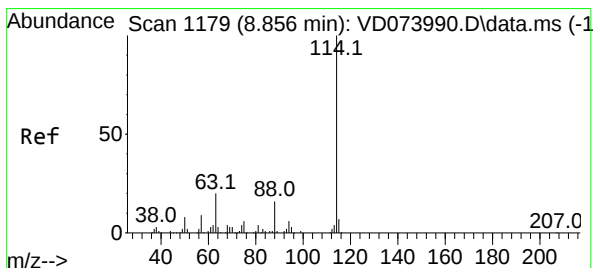
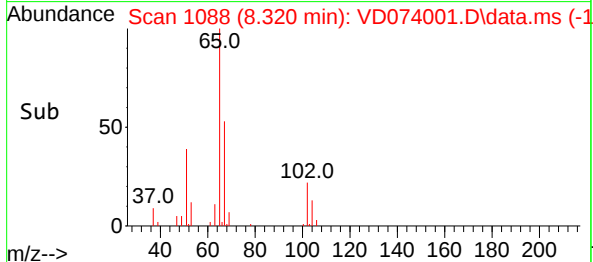
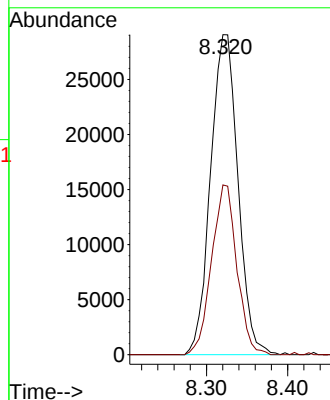
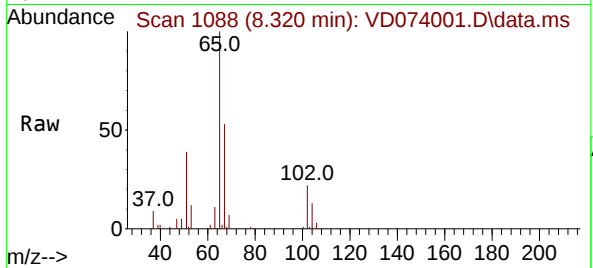
VD0809SBL01

Tgt Ion: 65 Resp: 68100

Ion Ratio Lower Upper

65 100

67 49.0 0.0 113.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.001 min

Lab File: VD074001.D

Acq: 09 Aug 2022 21:27

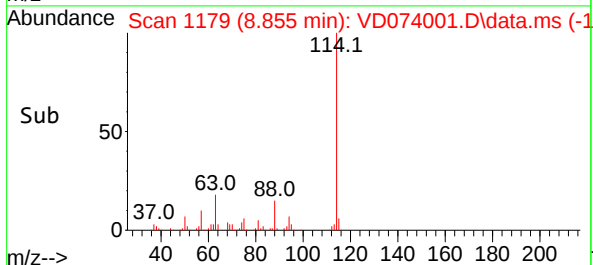
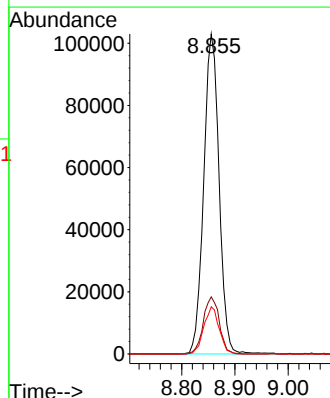
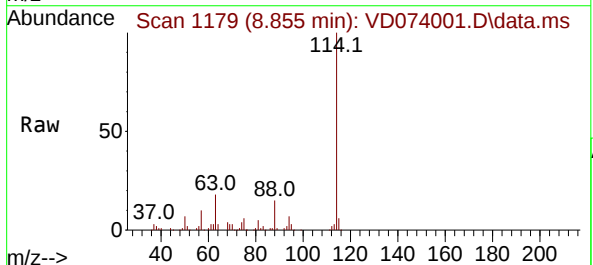
Tgt Ion: 114 Resp: 206287

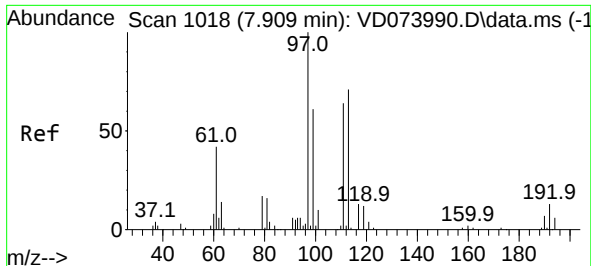
Ion Ratio Lower Upper

114 100

63 17.8 0.0 41.0

88 14.7 0.0 31.6

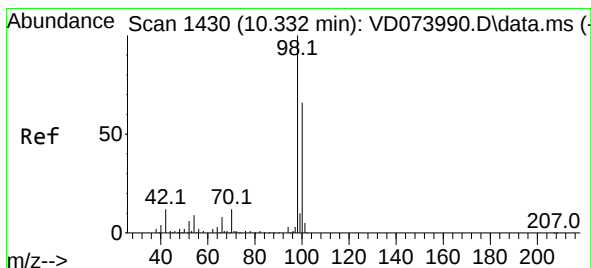
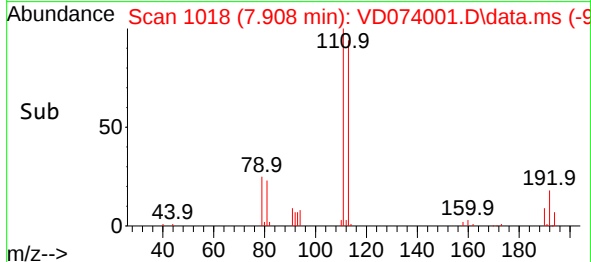
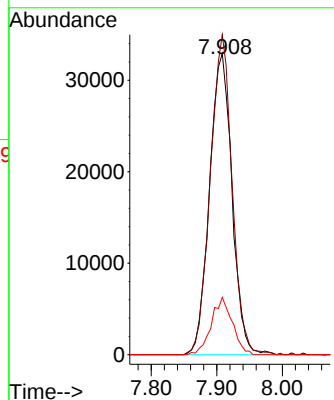
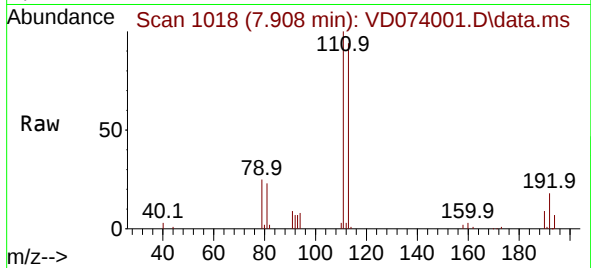




#35
Dibromofluoromethane
Concen: 62.162 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD074001.D
Acq: 09 Aug 2022 21:27

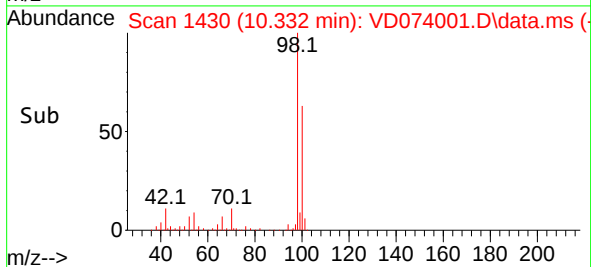
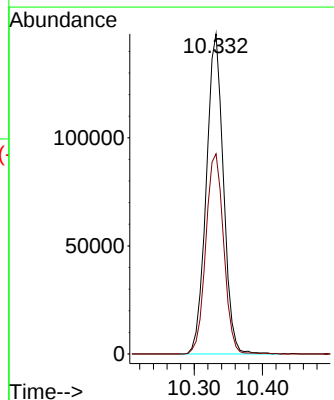
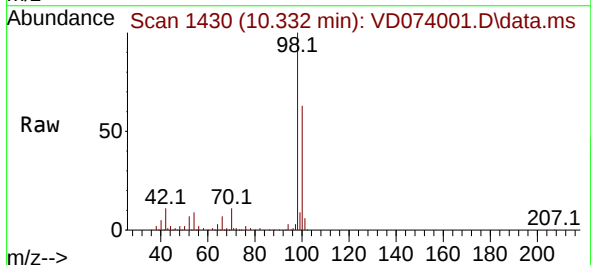
Instrument :
MSVOA_D
ClientSampleId :
VD0809SBL01

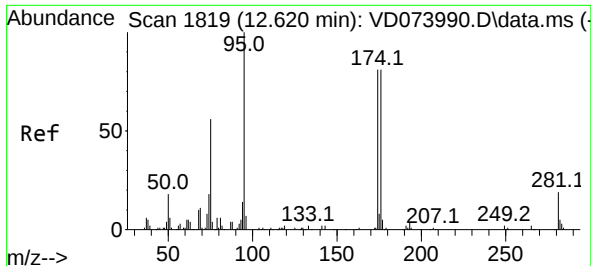
Tgt Ion:113 Resp: 78334
Ion Ratio Lower Upper
113 100
111 103.1 80.0 120.0
192 17.8 14.2 21.4



#50
Toluene-d8
Concen: 69.500 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074001.D
Acq: 09 Aug 2022 21:27

Tgt Ion: 98 Resp: 258713
Ion Ratio Lower Upper
98 100
100 65.3 51.3 76.9

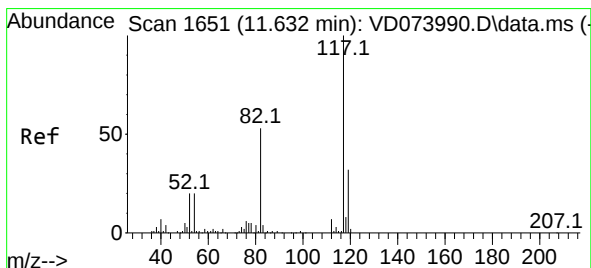
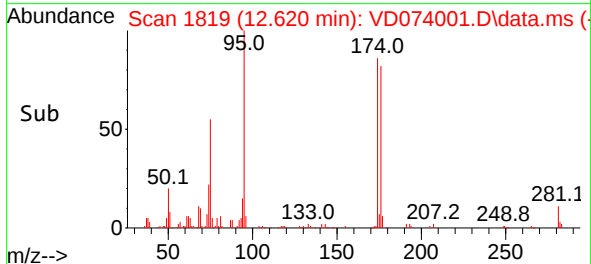
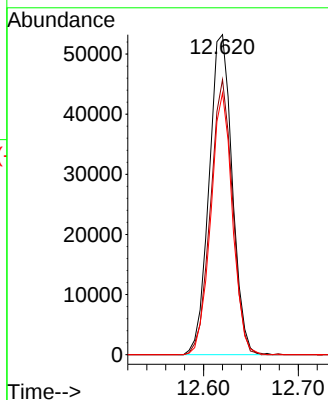
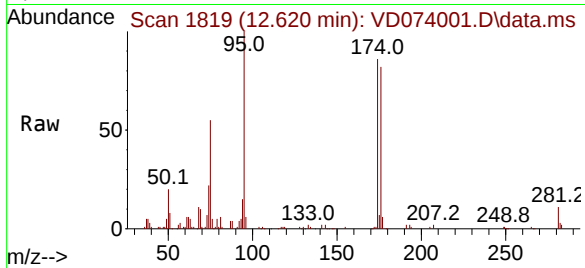




#62
4-Bromofluorobenzene
Concen: 56.359 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074001.D
Acq: 09 Aug 2022 21:27

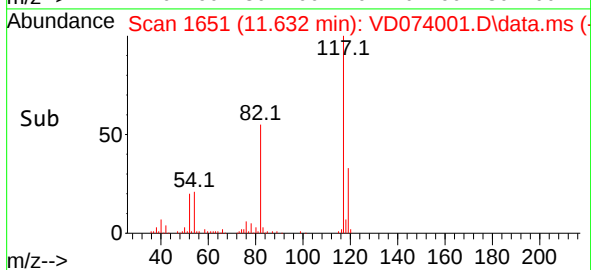
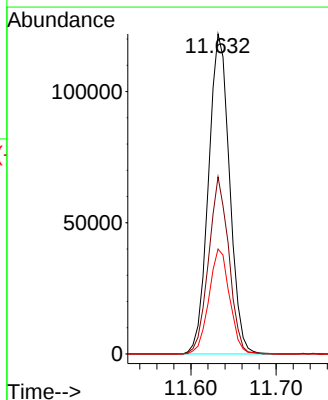
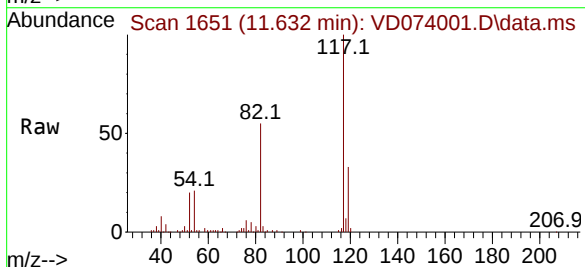
Instrument :
MSVOA_D
ClientSampleId :
VD0809SBL01

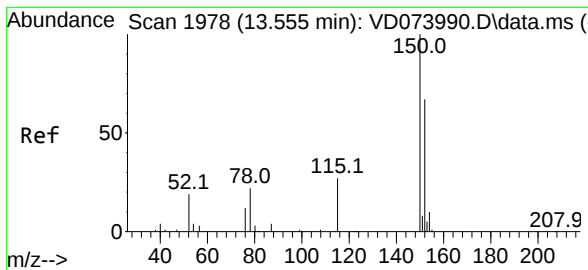
Tgt Ion: 95 Resp: 90165
Ion Ratio Lower Upper
95 100
174 82.0 0.0 162.6
176 76.6 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074001.D
Acq: 09 Aug 2022 21:27

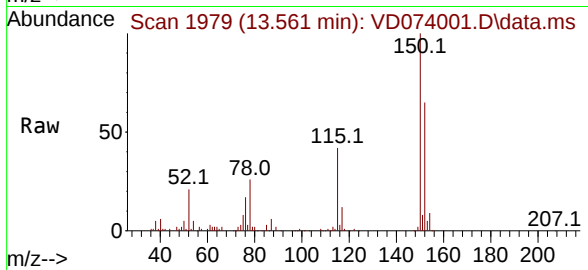
Tgt Ion: 117 Resp: 209077
Ion Ratio Lower Upper
117 100
82 55.4 42.7 64.1
119 32.8 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD074001.D
 Acq: 09 Aug 2022 21:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0809SBL01



Tgt Ion:152 Resp: 94408
 Ion Ratio Lower Upper
 152 100
 115 61.5 29.9 89.8
 150 161.3 0.0 342.8

