

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081122\
 Data File : VD074051.D
 Acq On : 11 Aug 2022 19:47
 Operator : VA/SY
 Sample : N4130-09RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB07RE

Quant Time: Aug 12 01:19:31 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)

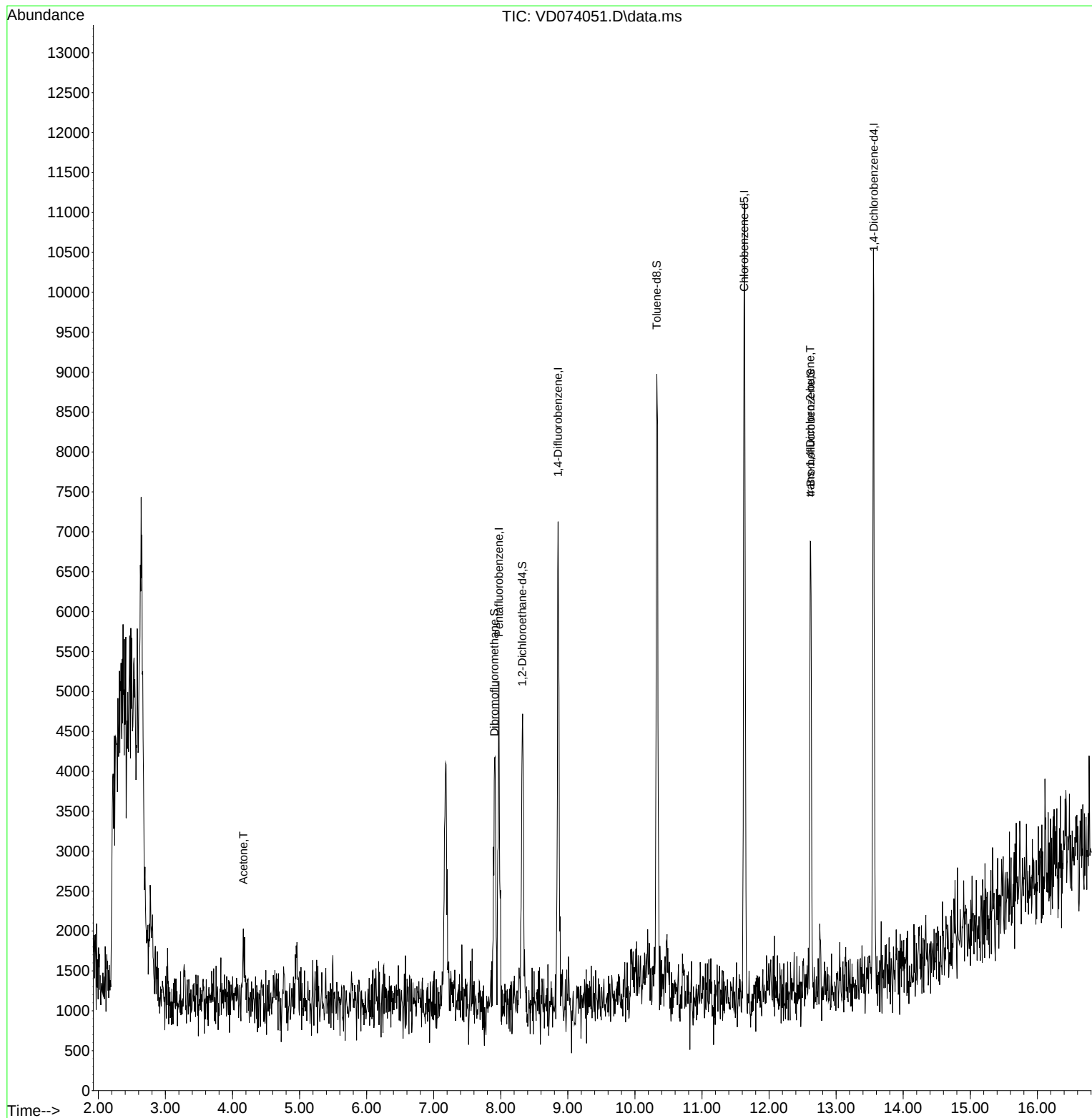
Internal Standards						
1) Pentafluorobenzene	7.973	168	2861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	5678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	5859	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	2618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	3096	152.365	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 304.720%#	
35) Dibromofluoromethane	7.902	113	2450	64.965	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.920%	
50) Toluene-d8	10.326	98	5934	61.445	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 122.880%	
62) 4-Bromofluorobenzene	12.620	95	2279	49.141	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.280%	
Target Compounds						
16) Acetone	4.162	43	1200	262.134	ug/l	Qvalue 93
81) trans-1,4-Dichloro-2-b...	12.614	75	1383	154.426	ug/l	# 13

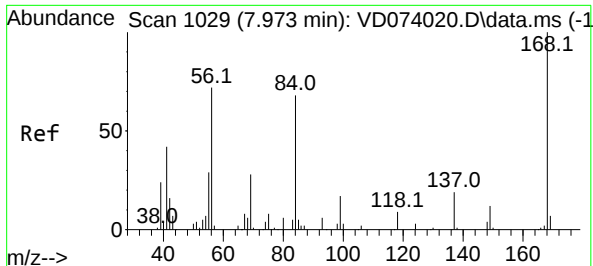
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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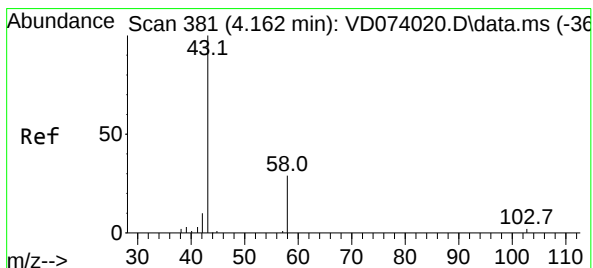
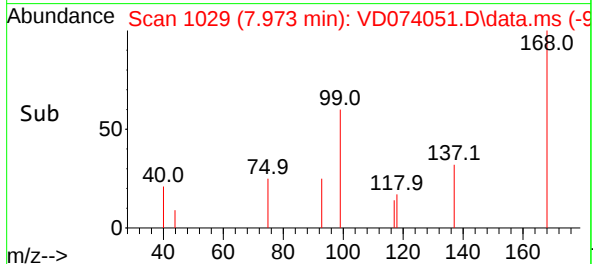
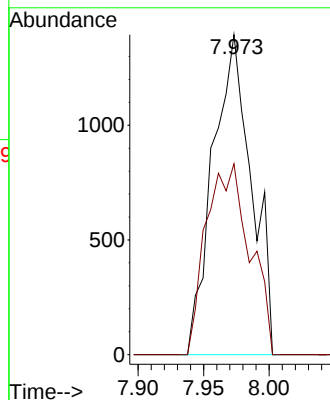
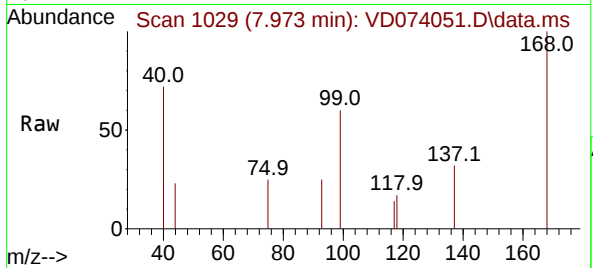




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074051.D
Acq: 11 Aug 2022 19:47

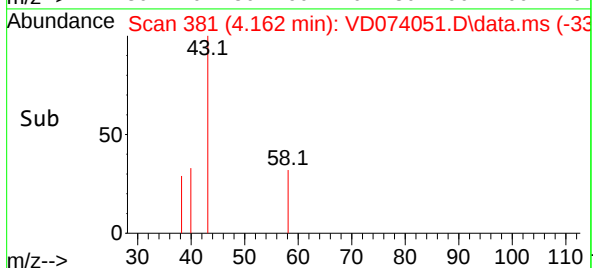
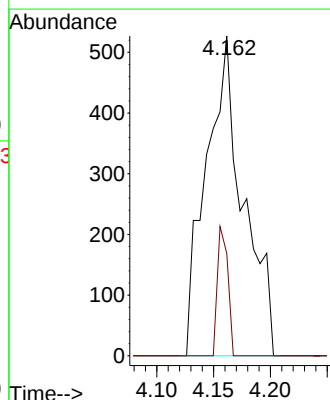
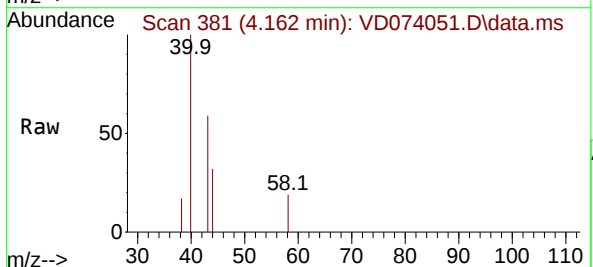
Instrument :
MSVOA_D
ClientSampleId :
SB07RE

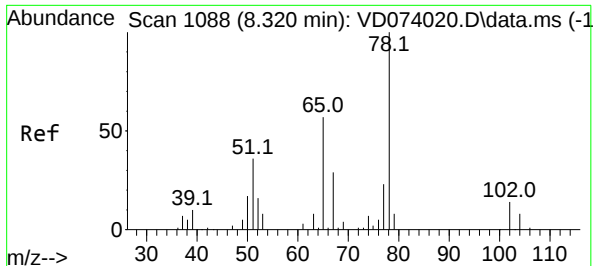
Tgt Ion:168 Resp: 2861
Ion Ratio Lower Upper
168 100
99 59.6 48.3 72.5



#16
Acetone
Concen: 262.134 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD074051.D
Acq: 11 Aug 2022 19:47

Tgt Ion: 43 Resp: 1200
Ion Ratio Lower Upper
43 100
58 32.1 22.8 34.2





#33

1,2-Dichloroethane-d4

Concen: 152.365 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD074051.D

Acq: 11 Aug 2022 19:47

Instrument :

MSVOA_D

ClientSampleId :

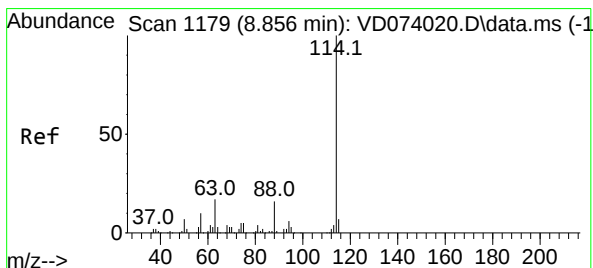
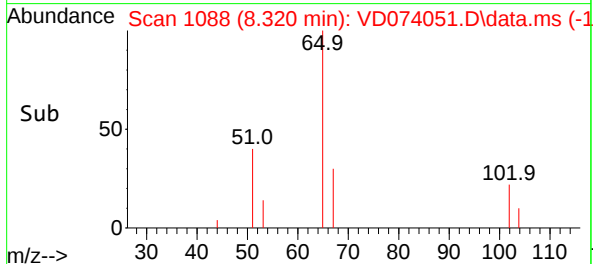
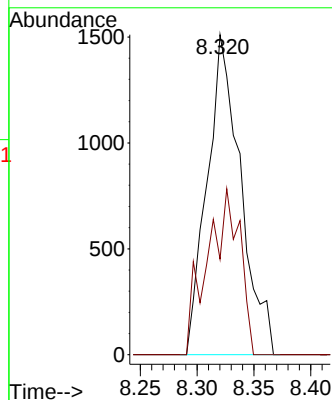
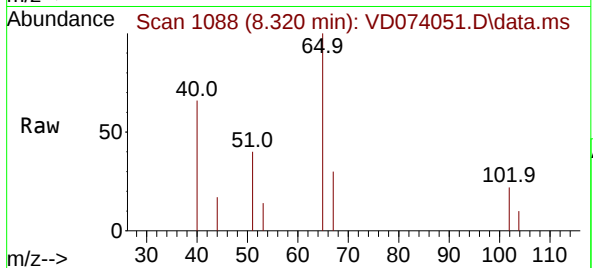
SB07RE

Tgt Ion: 65 Resp: 3096

Ion Ratio Lower Upper

65 100

67 50.3 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: VD074051.D

Acq: 11 Aug 2022 19:47

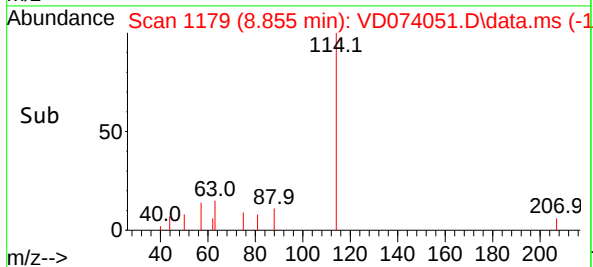
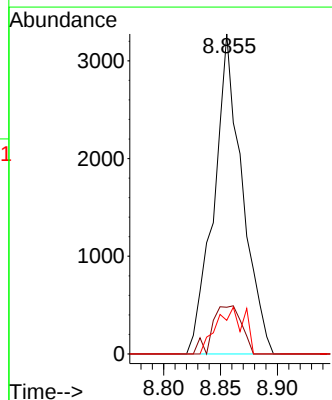
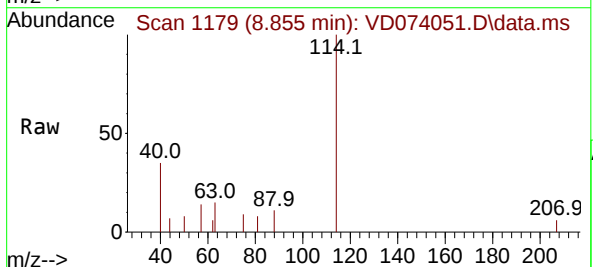
Tgt Ion: 114 Resp: 5678

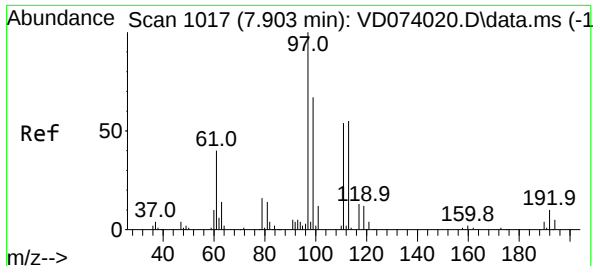
Ion Ratio Lower Upper

114 100

63 14.6 0.0 41.0

88 10.5 0.0 31.6

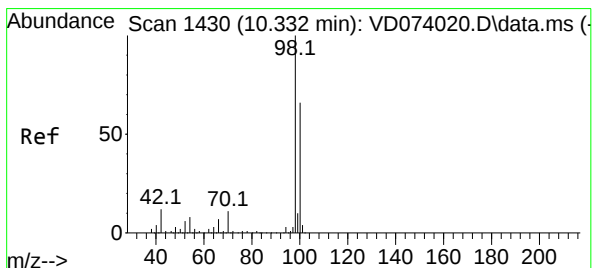
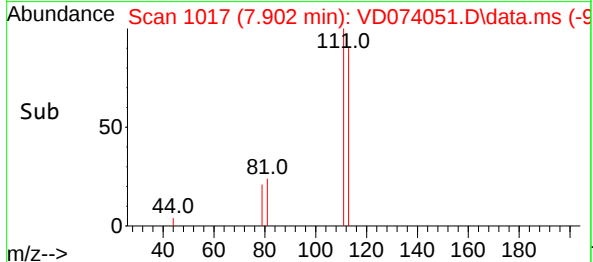
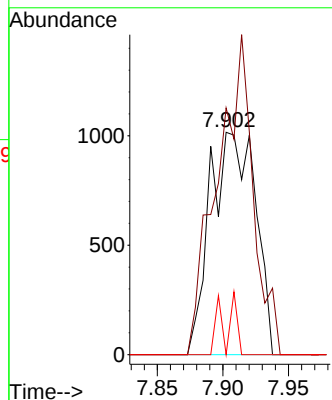
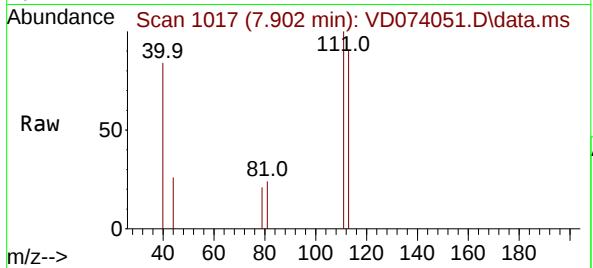




#35
Dibromofluoromethane
Concen: 64.965 ug/l
RT: 7.902 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD074051.D
Acq: 11 Aug 2022 19:47

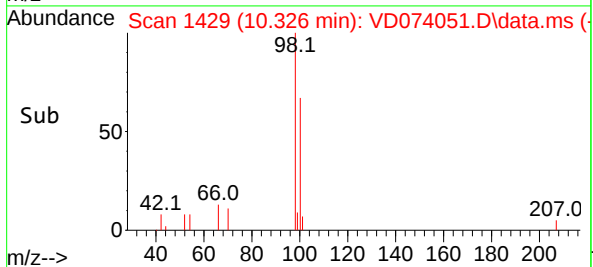
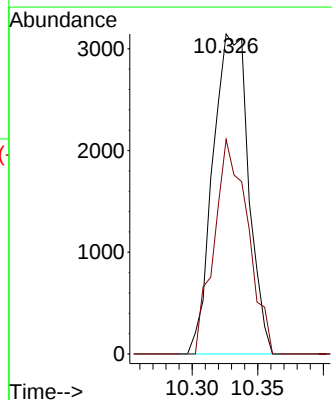
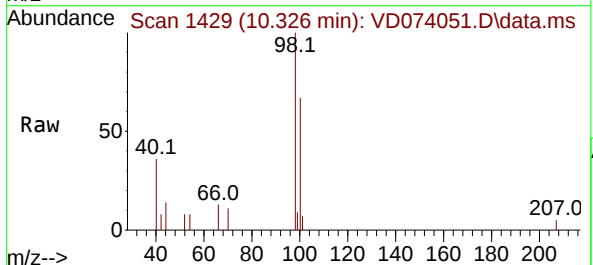
Instrument :
MSVOA_D
ClientSampleId :
SB07RE

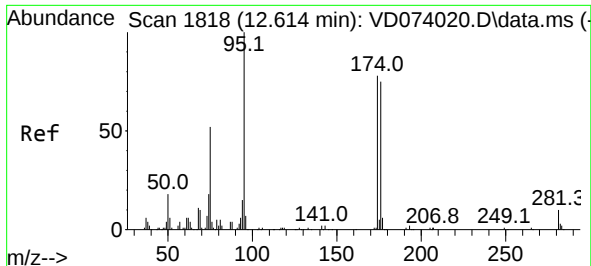
Tgt Ion:113 Resp: 2450
Ion Ratio Lower Upper
113 100
111 113.4 80.0 120.0
192 8.0 14.2 21.4#



#50
Toluene-d8
Concen: 61.445 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VD074051.D
Acq: 11 Aug 2022 19:47

Tgt Ion: 98 Resp: 5934
Ion Ratio Lower Upper
98 100
100 63.3 51.3 76.9

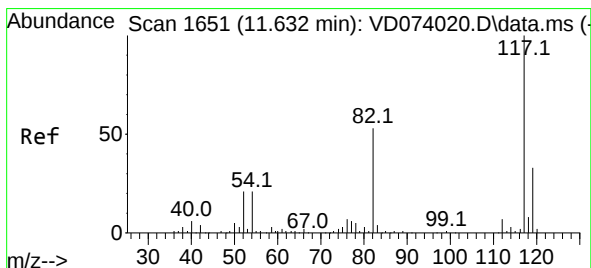
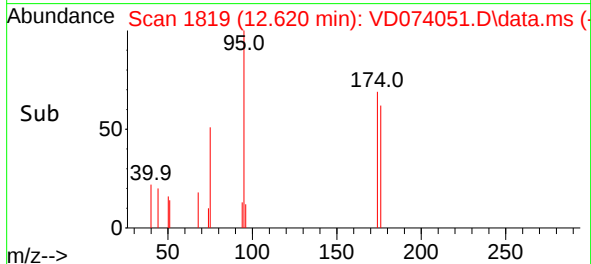
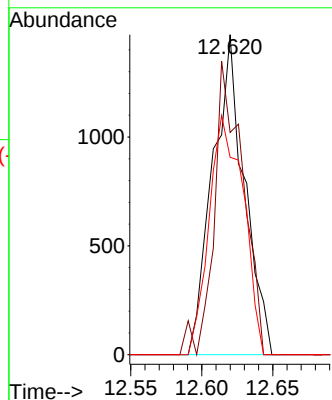
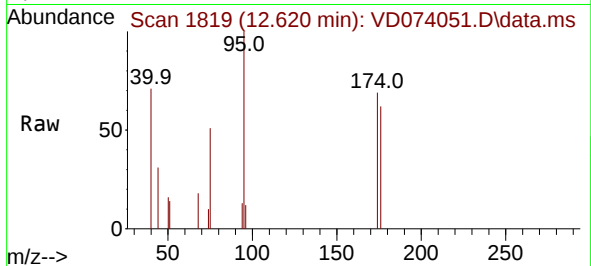




#62
4-Bromofluorobenzene
Concen: 49.141 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD074051.D
Acq: 11 Aug 2022 19:47

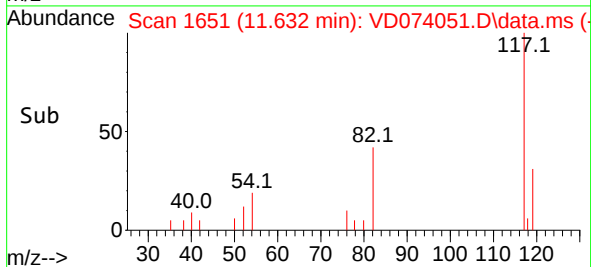
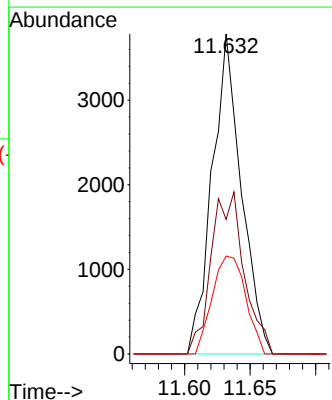
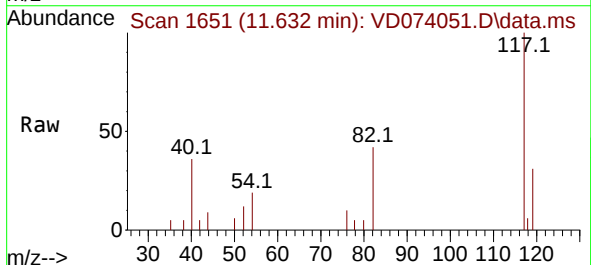
Instrument :
MSVOA_D
ClientSampleId :
SB07RE

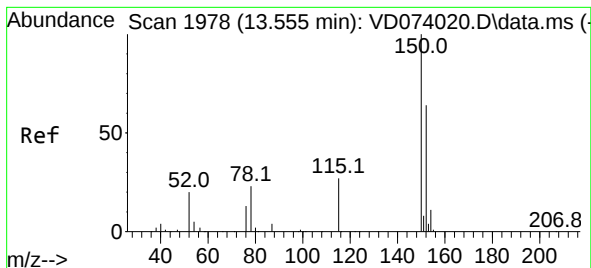
Tgt Ion: 95 Resp: 2279
Ion Ratio Lower Upper
95 100
174 83.0 0.0 162.6
176 80.7 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074051.D
Acq: 11 Aug 2022 19:47

Tgt Ion: 117 Resp: 5859
Ion Ratio Lower Upper
117 100
82 42.1 42.7 64.1#
119 30.6 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1978

Delta R.T. 0.006 min

Lab File: VD074051.D

Acq: 11 Aug 2022 19:47

Instrument :

MSVOA_D

ClientSampleId :

SB07RE

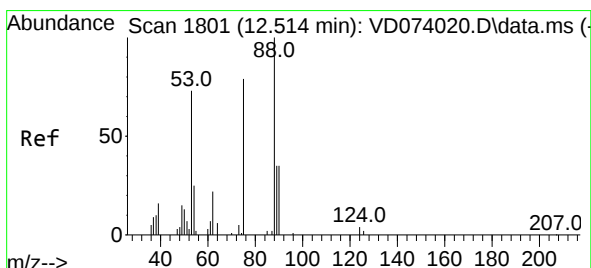
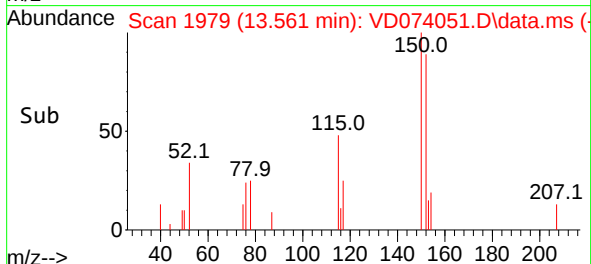
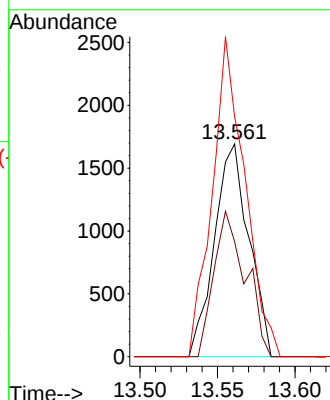
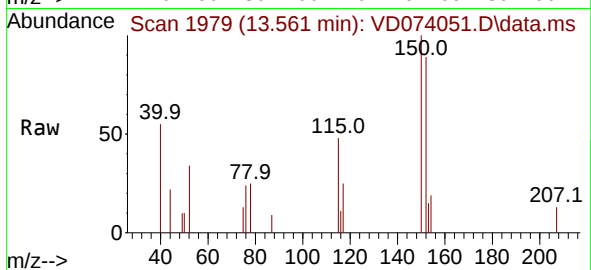
Tgt Ion:152 Resp: 2618

Ion Ratio Lower Upper

152 100

115 63.1 29.9 89.8

150 142.6 0.0 342.8



#81

trans-1,4-Dichloro-2-butene

Concen: 154.426 ug/l

RT: 12.614 min Scan# 1818

Delta R.T. 0.100 min

Lab File: VD074051.D

Acq: 11 Aug 2022 19:47

Tgt Ion: 75 Resp: 1383

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.0 38.3 57.5#

