

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110321\
 Data File : VD070919.D
 Acq On : 03 Nov 2021 19:24
 Operator : VA/SY
 Sample : M4454-04RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 30858RE

Quant Time: Nov 03 22:15:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

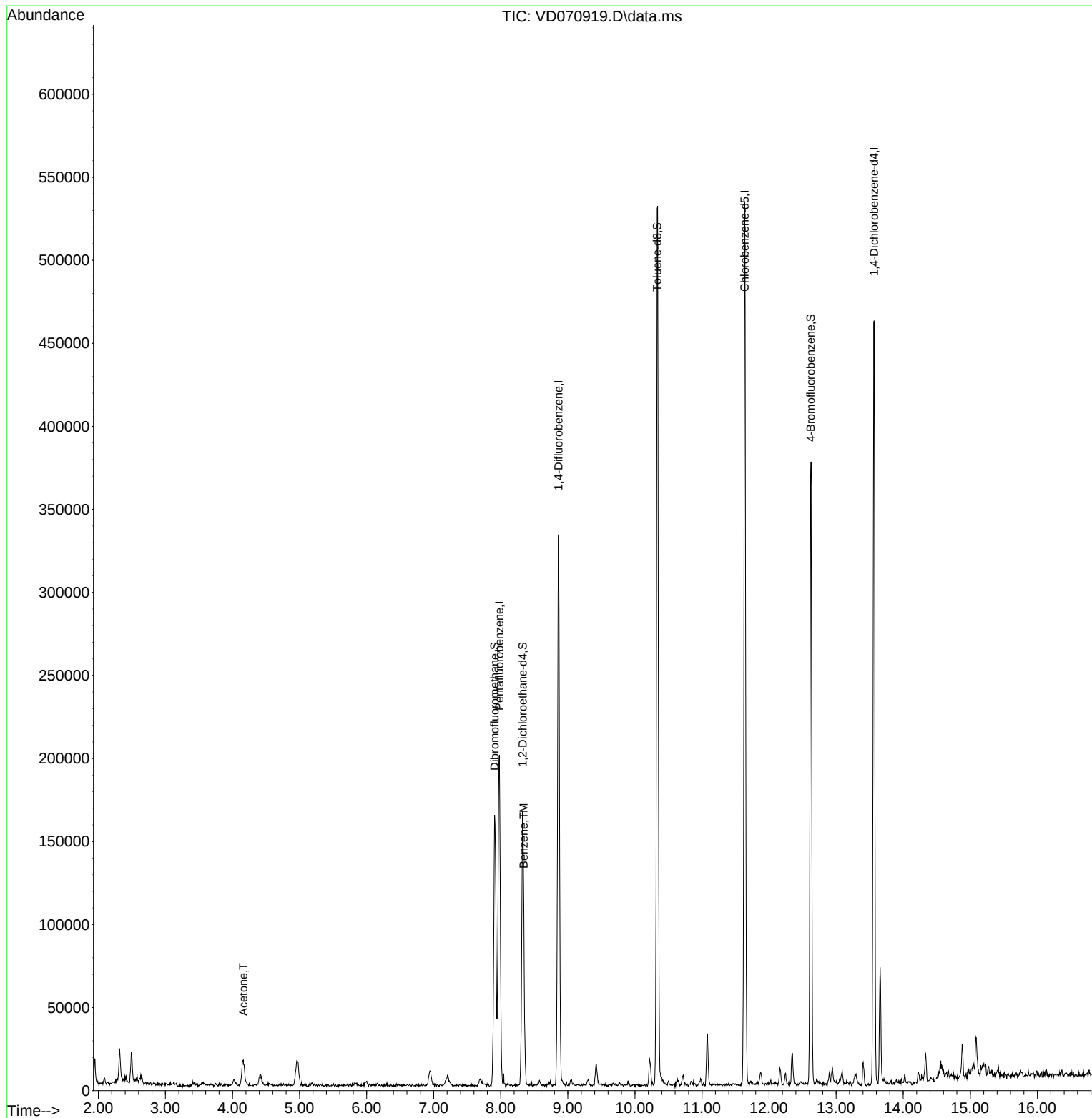
Internal Standards						
1) Pentafluorobenzene	7.979	168	153786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	287207	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	317665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	144083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	118337	76.509	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	153.020%
35) Dibromofluoromethane	7.908	113	120338	63.547	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.100%
50) Toluene-d8	10.332	98	383671	53.853	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.700%
62) 4-Bromofluorobenzene	12.620	95	129155	54.944	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.880%
Target Compounds						
						Qvalue
16) Acetone	4.162	43	26363	73.262	ug/l	89
40) Benzene	8.344	78	14407	1.649	ug/l	98

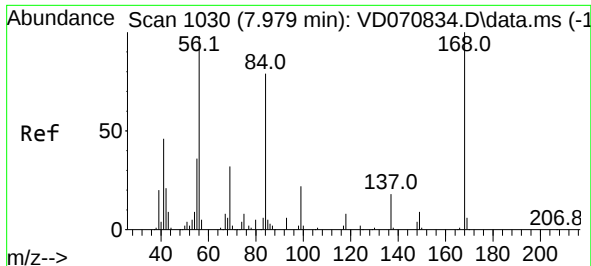
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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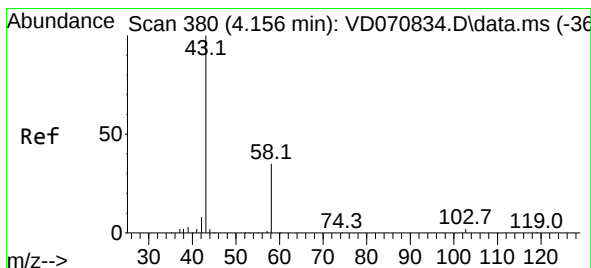
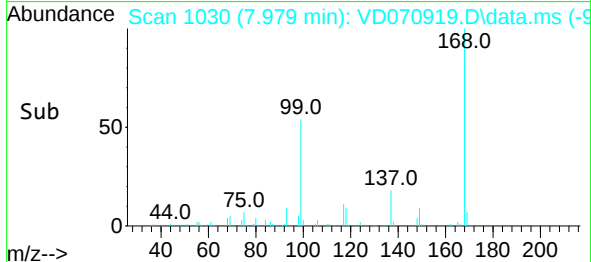
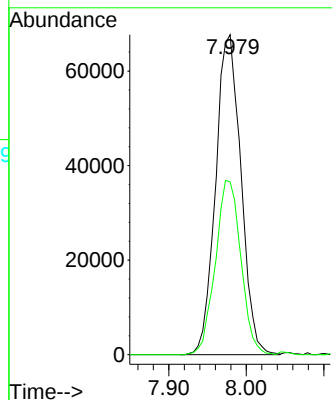
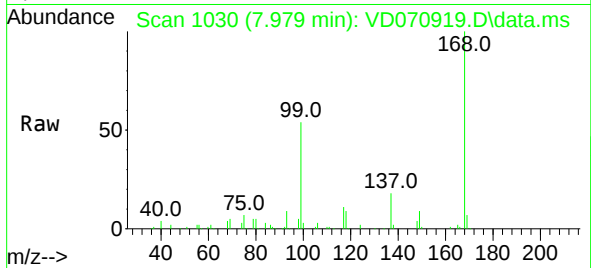




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070919.D
Acq: 03 Nov 2021 19:24

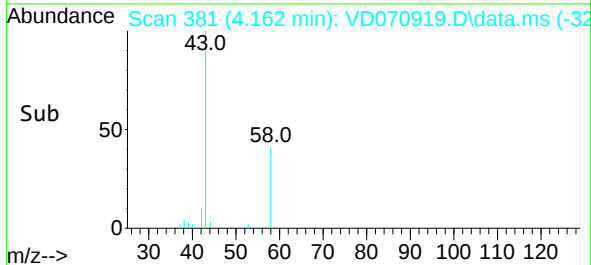
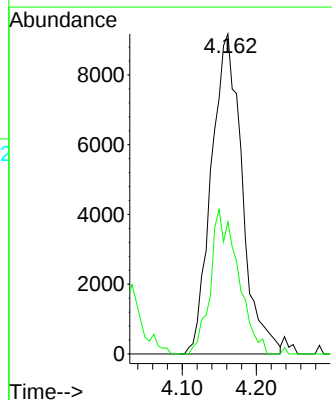
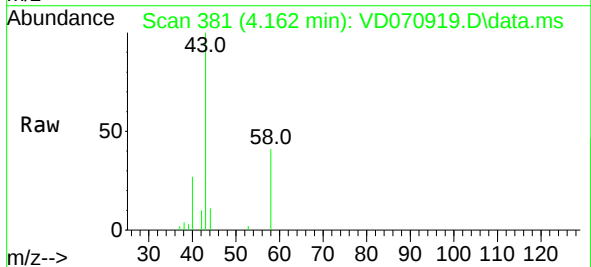
Instrument :
MSVOA_D
ClientSampleId :
30858RE

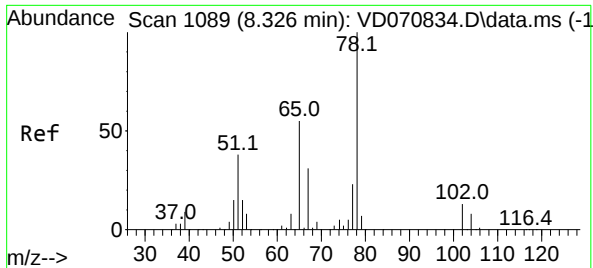
Tgt Ion:168 Resp: 153786
Ion Ratio Lower Upper
168 100
99 54.0 46.6 69.8



#16
Acetone
Concen: 73.262 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070919.D
Acq: 03 Nov 2021 19:24

Tgt Ion: 43 Resp: 26363
Ion Ratio Lower Upper
43 100
58 41.3 27.8 41.8





#33

1,2-Dichloroethane-d4

Concen: 76.509 ug/l

RT: 8.326 min Scan# 110

Delta R.T. 0.000 min

Lab File: VD070919.D

Acq: 03 Nov 2021 19:24

Instrument :

MSVOA_D

ClientSampleId :

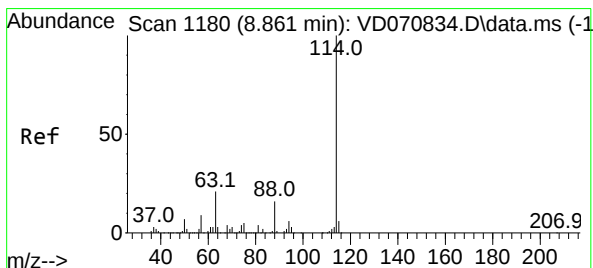
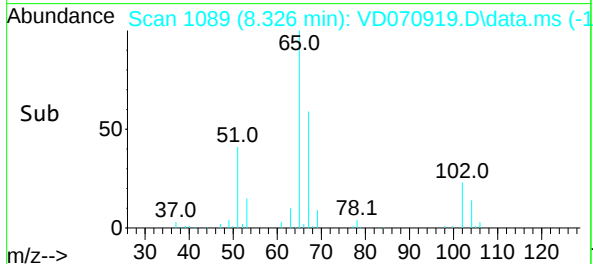
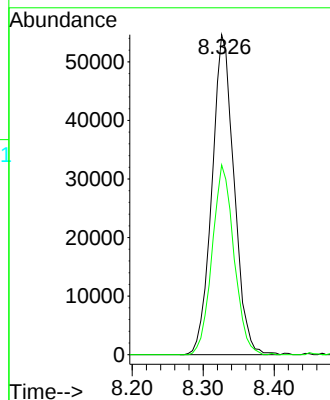
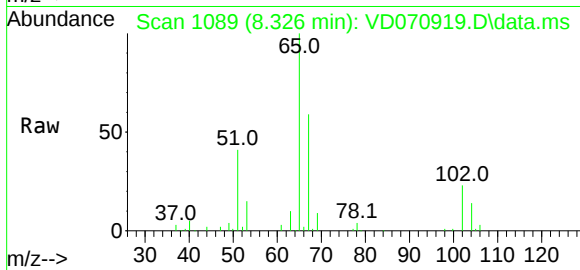
30858RE

Tgt Ion: 65 Resp: 118337

Ion Ratio Lower Upper

65 100

67 58.4 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070919.D

Acq: 03 Nov 2021 19:24

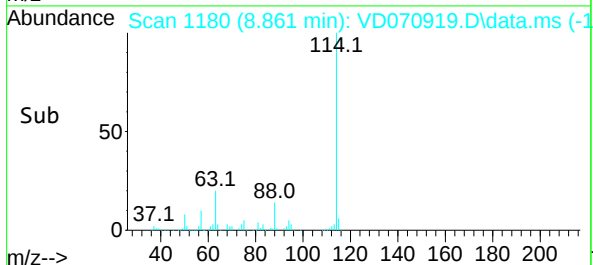
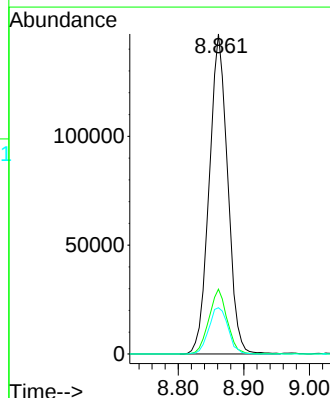
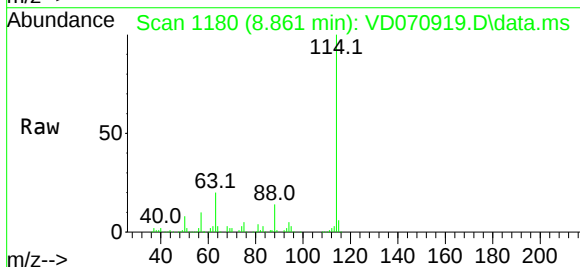
Tgt Ion:114 Resp: 287207

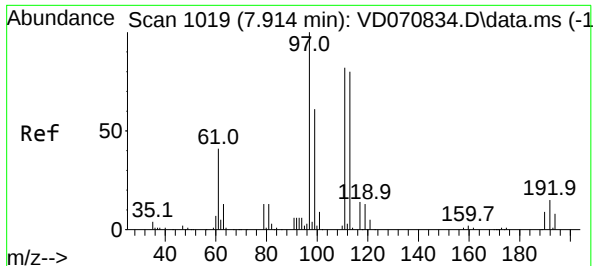
Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.8

88 14.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 63.547 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070919.D

Acq: 03 Nov 2021 19:24

Instrument :

MSVOA_D

ClientSampleId :

30858RE

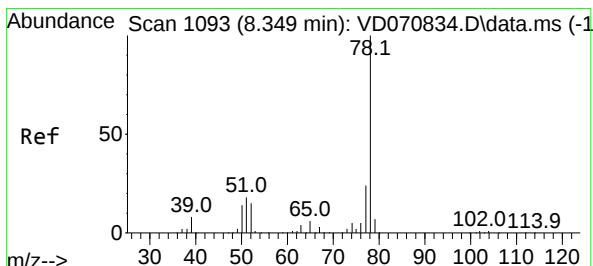
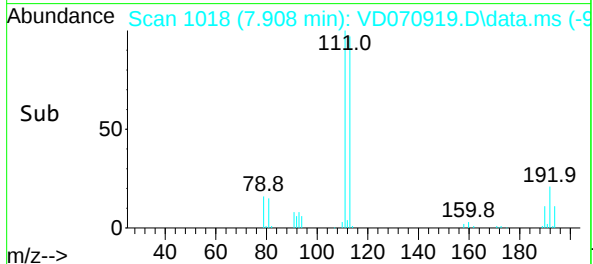
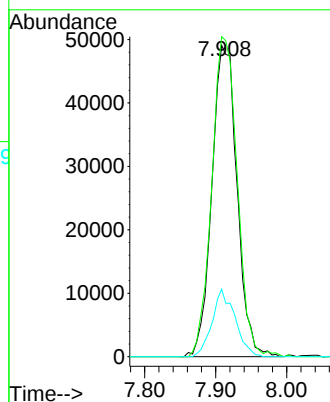
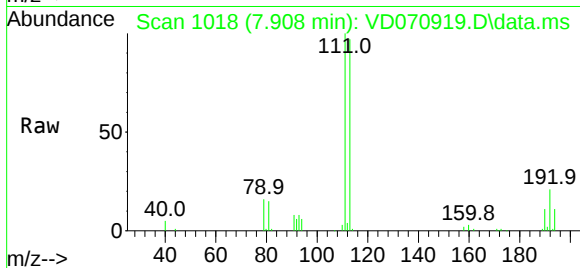
Tgt Ion:113 Resp: 120338

Ion Ratio Lower Upper

113 100

111 104.3 82.0 123.0

192 19.8 15.2 22.8



#40

Benzene

Concen: 1.649 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD070919.D

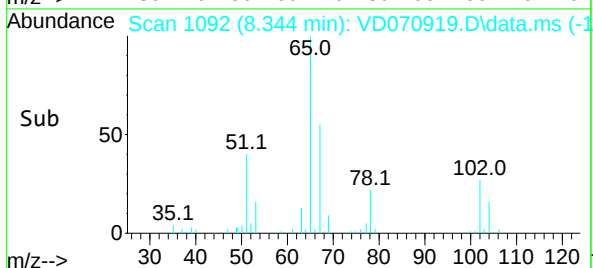
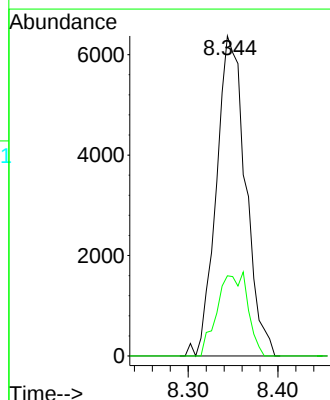
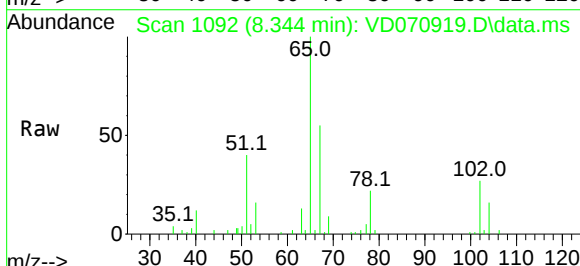
Acq: 03 Nov 2021 19:24

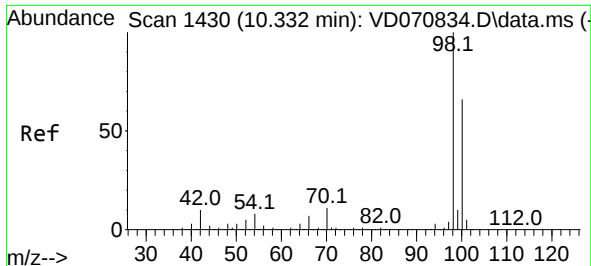
Tgt Ion: 78 Resp: 14407

Ion Ratio Lower Upper

78 100

77 25.0 19.1 28.7

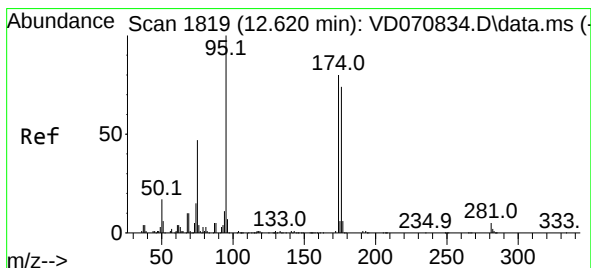
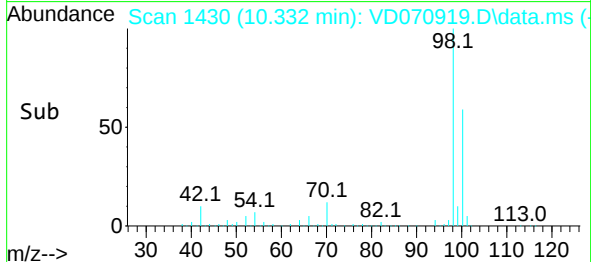
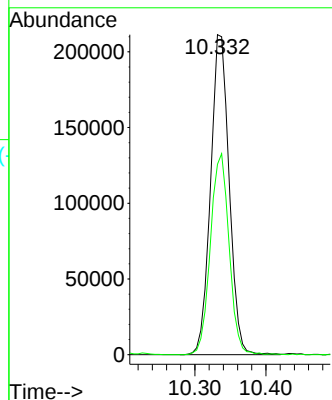
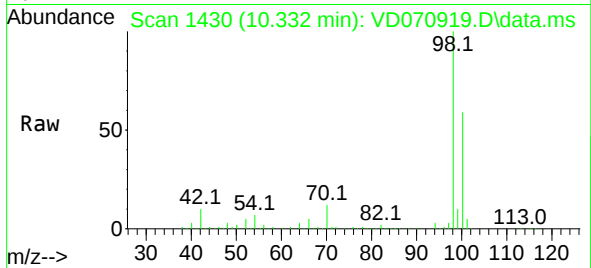




#50
Toluene-d8
Concen: 53.853 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070919.D
Acq: 03 Nov 2021 19:24

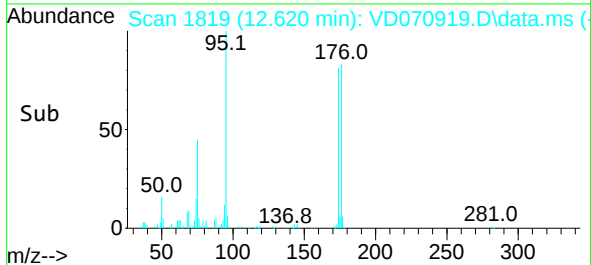
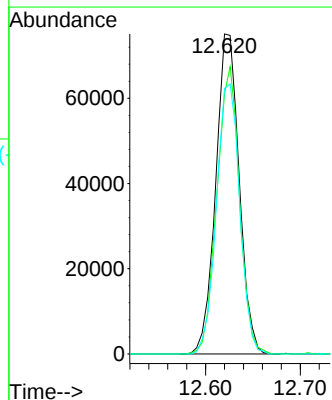
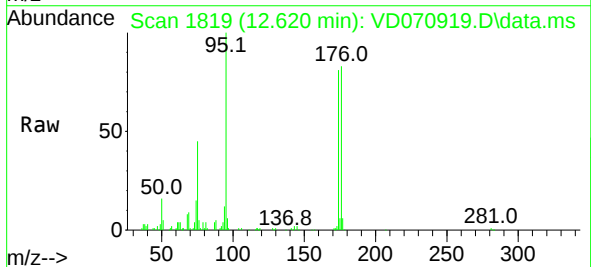
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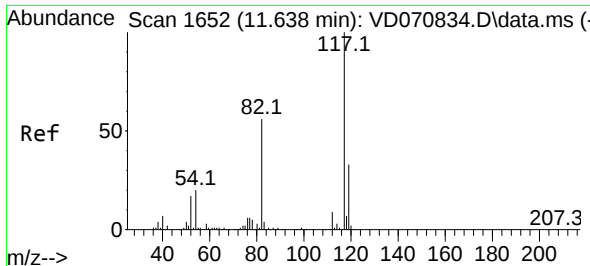
Tgt Ion: 98 Resp: 383671
Ion Ratio Lower Upper
98 100
100 63.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.944 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070919.D
Acq: 03 Nov 2021 19:24

Tgt Ion: 95 Resp: 129155
Ion Ratio Lower Upper
95 100
174 86.6 0.0 159.4
176 84.1 0.0 154.0

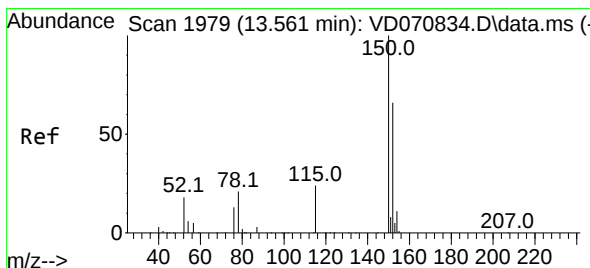
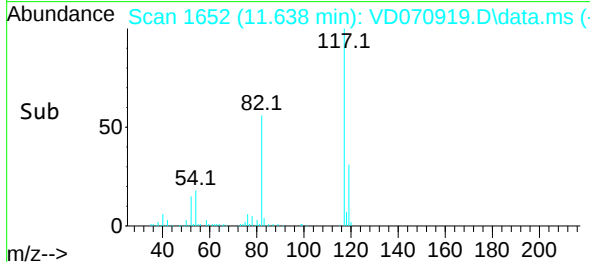
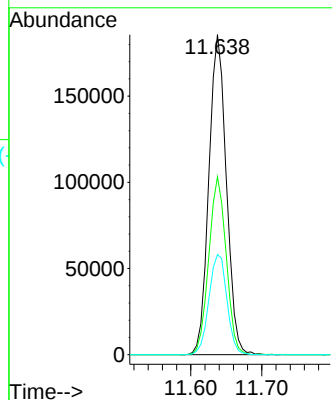
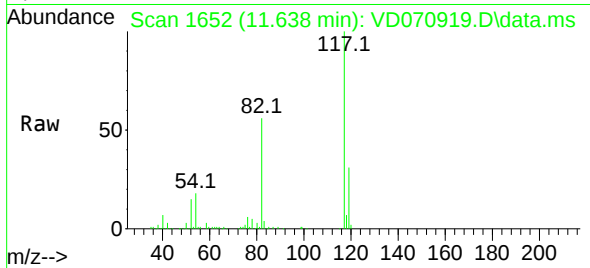




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD070919.D
Acq: 03 Nov 2021 19:24

Instrument :
MSVOA_D
ClientSampleId :
30858RE

Tgt Ion:117 Resp: 317665
Ion Ratio Lower Upper
117 100
82 55.6 44.7 67.1
119 31.3 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070919.D
Acq: 03 Nov 2021 19:24

Tgt Ion:152 Resp: 144083
Ion Ratio Lower Upper
152 100
115 55.9 29.8 89.3
150 157.9 0.0 349.2

