

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111021\
 Data File : VD070971.D
 Acq On : 10 Nov 2021 15:41
 Operator : VA/SY
 Sample : M4523-10
 Misc : 5.46G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VWE-B4-110421-BD

Quant Time: Nov 11 06:29:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

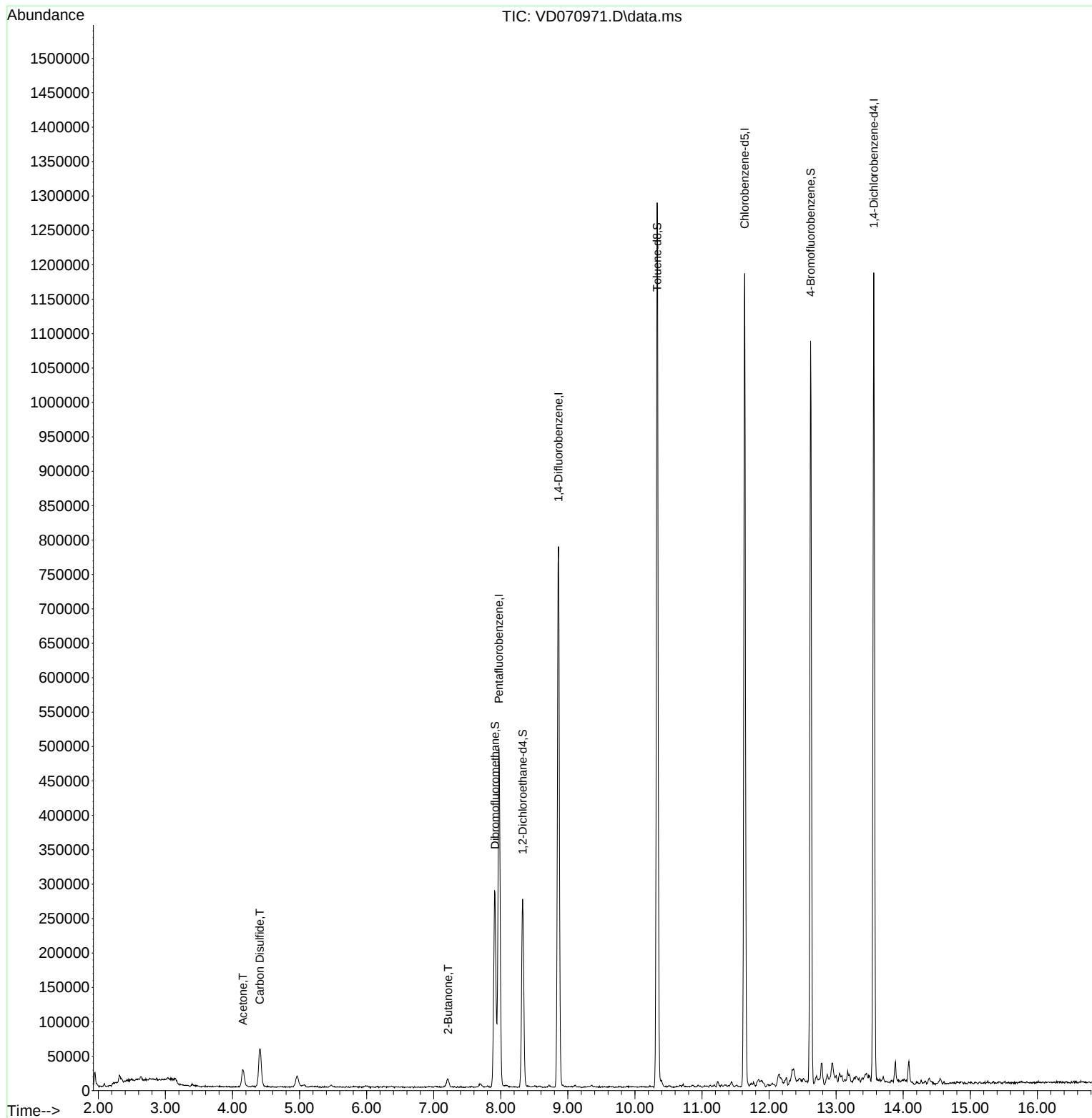
Internal Standards						
1) Pentafluorobenzene	7.973	168	358134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	660878	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	643065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	294281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	211781	55.541	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.080%
35) Dibromofluoromethane	7.914	113	202490	54.298	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.600%
50) Toluene-d8	10.332	98	831728	56.950	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.900%
62) 4-Bromofluorobenzene	12.620	95	310515	59.050	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.100%
Target Compounds						
						Qvalue
16) Acetone	4.155	43	48251	62.943	ug/l #	85
17) Carbon Disulfide	4.408	76	118236	10.767	ug/l	99
25) 2-Butanone	7.214	43	12127	28.738	ug/l	97

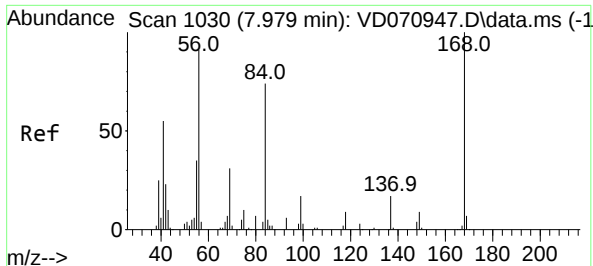
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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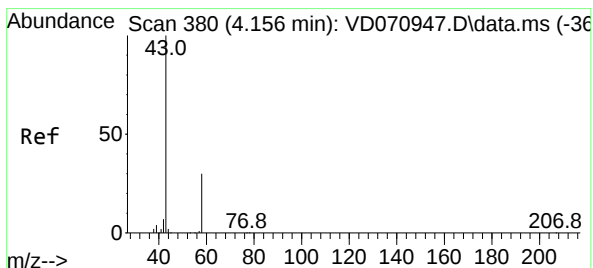
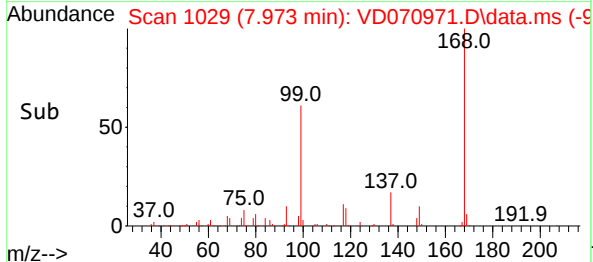
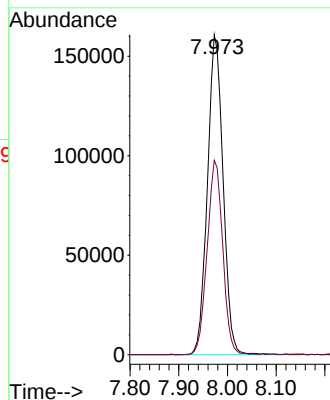
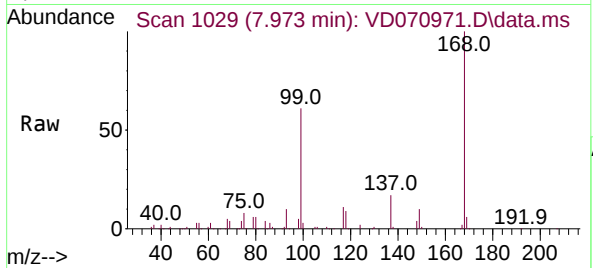




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070971.D
Acq: 10 Nov 2021 15:41

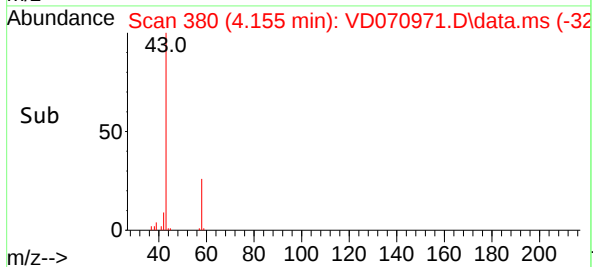
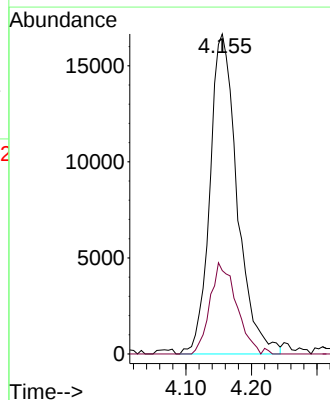
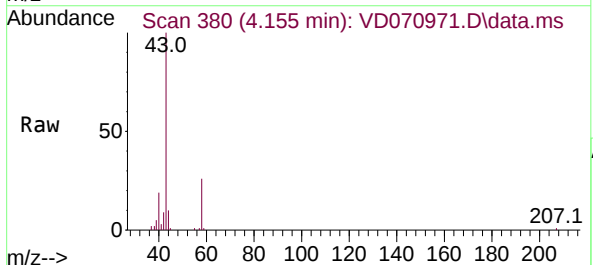
Instrument :
MSVOA_D
ClientSampleId :
VWE-B4-110421-BD

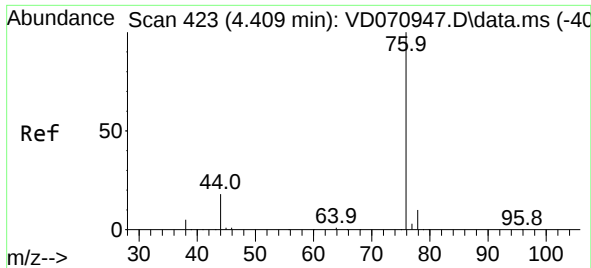
Tgt Ion:168 Resp: 358134
Ion Ratio Lower Upper
168 100
99 60.8 46.6 69.8



#16
Acetone
Concen: 62.943 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.001 min
Lab File: VD070971.D
Acq: 10 Nov 2021 15:41

Tgt Ion: 43 Resp: 48251
Ion Ratio Lower Upper
43 100
58 26.0 27.8 41.8#

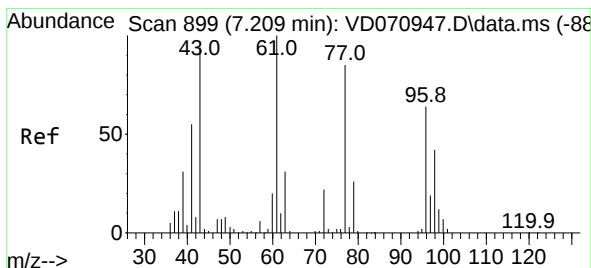
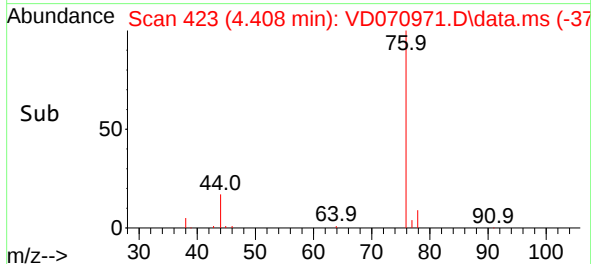
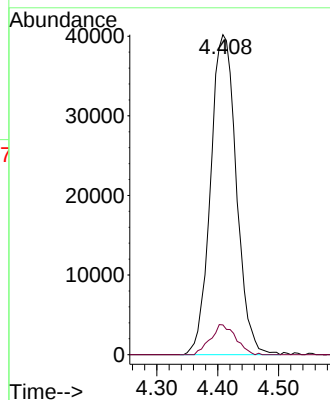
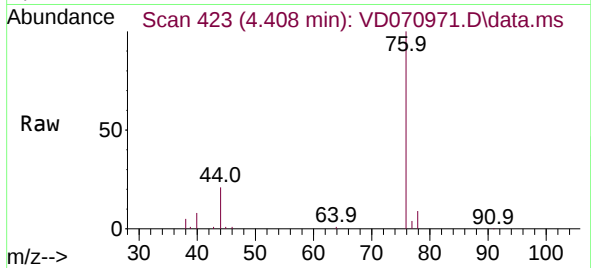




#17
Carbon Disulfide
Concen: 10.767 ug/l
RT: 4.408 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD070971.D
Acq: 10 Nov 2021 15:41

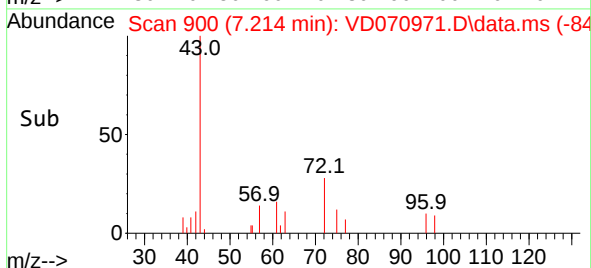
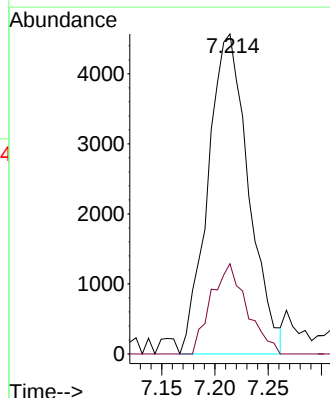
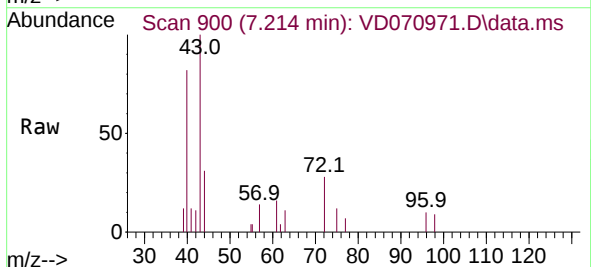
Instrument :
MSVOA_D
ClientSampleId :
VWE-B4-110421-BD

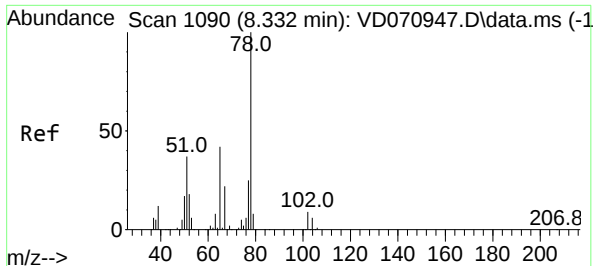
Tgt Ion: 76 Resp: 118236
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.8



#25
2-Butanone
Concen: 28.738 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.005 min
Lab File: VD070971.D
Acq: 10 Nov 2021 15:41

Tgt Ion: 43 Resp: 12127
Ion Ratio Lower Upper
43 100
72 28.2 23.8 35.6





#33

1,2-Dichloroethane-d4

Concen: 55.541 ug/l

RT: 8.326 min Scan# 110

Delta R.T. -0.006 min

Lab File: VD070971.D

Acq: 10 Nov 2021 15:41

Instrument :

MSVOA_D

ClientSampleId :

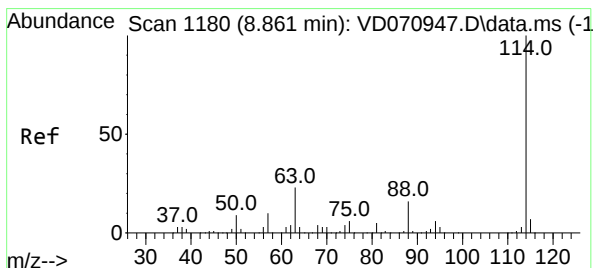
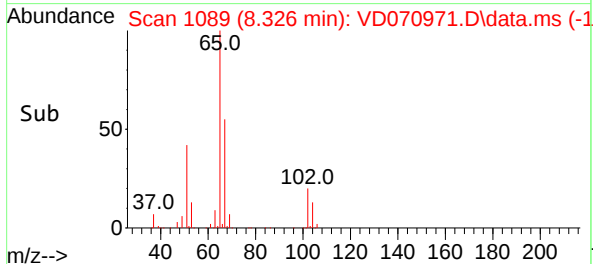
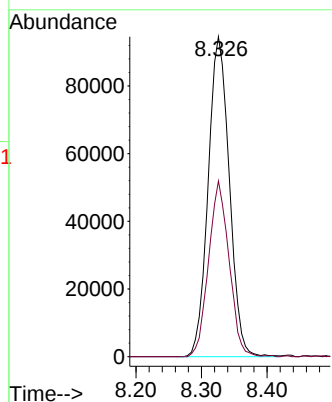
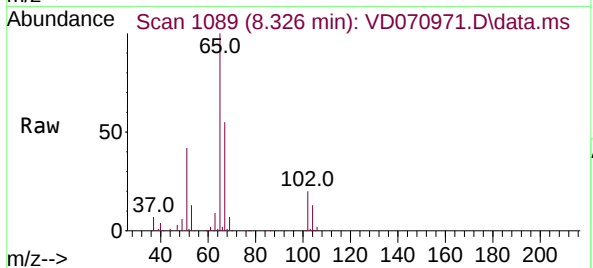
VWE-B4-110421-BD

Tgt Ion: 65 Resp: 211781

Ion Ratio Lower Upper

65 100

67 53.1 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: VD070971.D

Acq: 10 Nov 2021 15:41

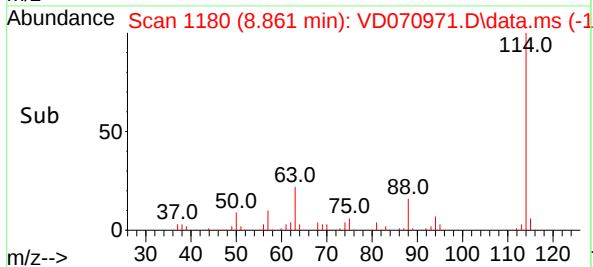
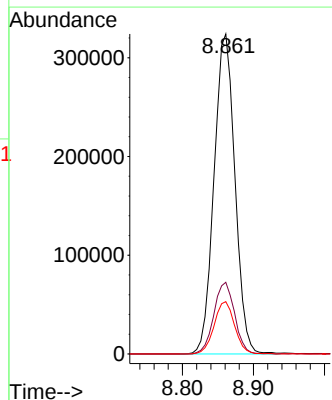
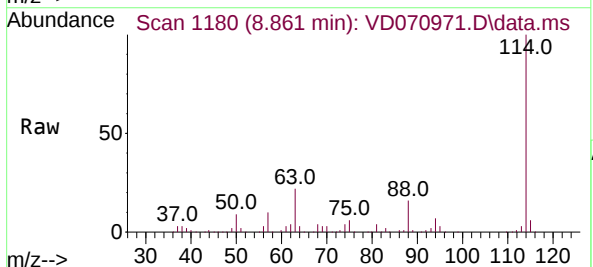
Tgt Ion: 114 Resp: 660878

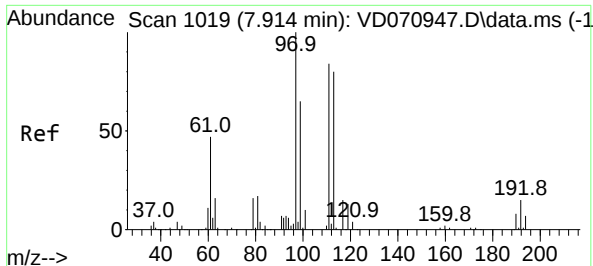
Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.8

88 16.4 0.0 32.8

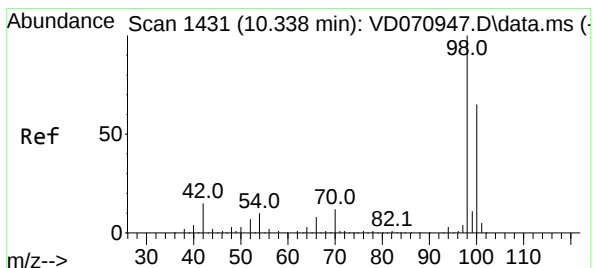
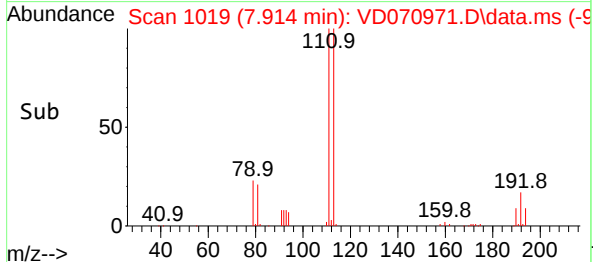
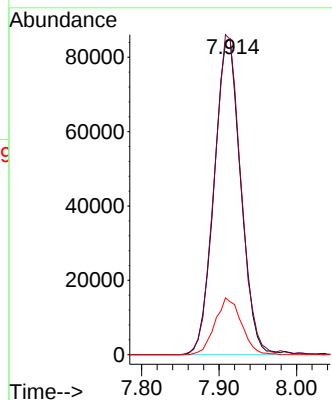
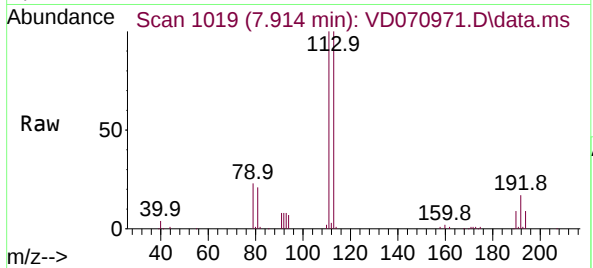




#35
Dibromofluoromethane
Concen: 54.298 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070971.D
Acq: 10 Nov 2021 15:41

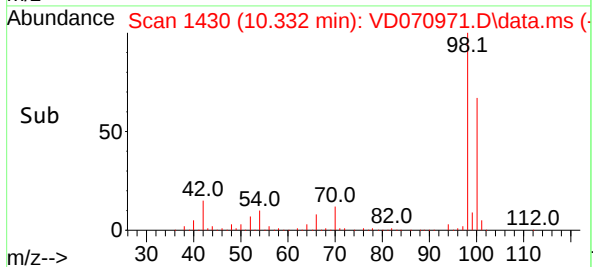
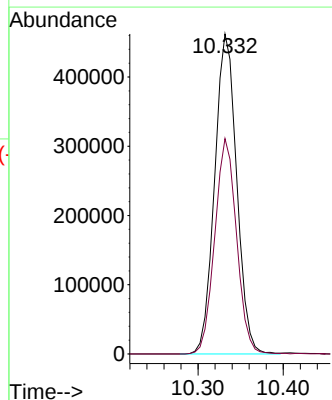
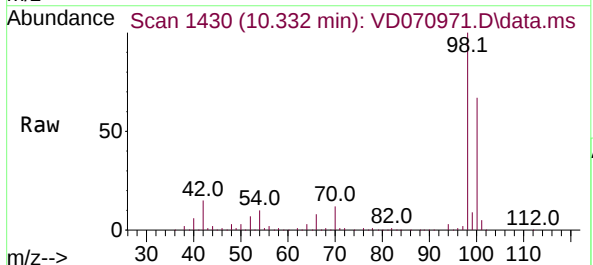
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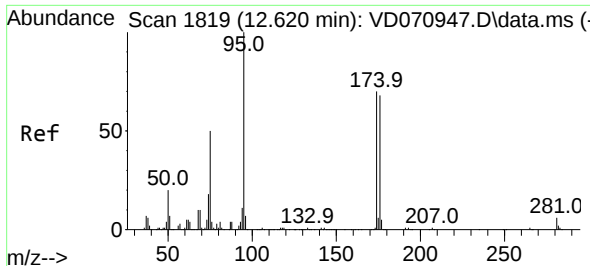
Tgt Ion:113 Resp: 202490
Ion Ratio Lower Upper
113 100
111 101.2 82.0 123.0
192 17.9 15.2 22.8



#50
Toluene-d8
Concen: 56.950 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070971.D
Acq: 10 Nov 2021 15:41

Tgt Ion: 98 Resp: 831728
Ion Ratio Lower Upper
98 100
100 66.6 51.8 77.6

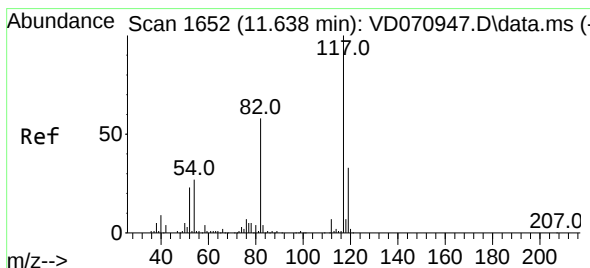
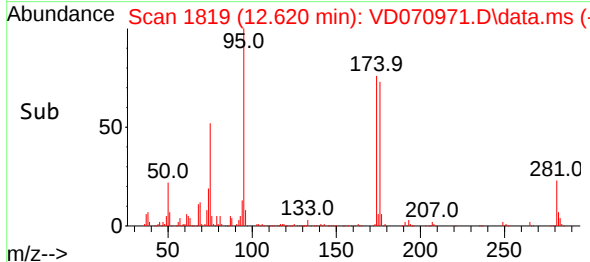
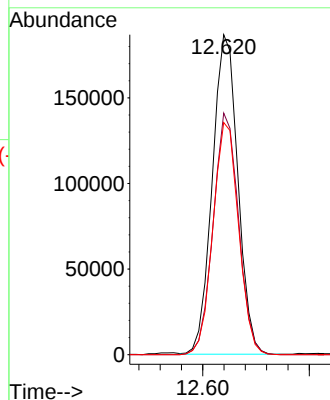
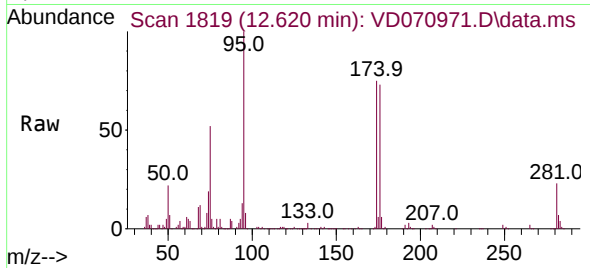




#62
4-Bromofluorobenzene
Concen: 59.050 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD070971.D
Acq: 10 Nov 2021 15:41

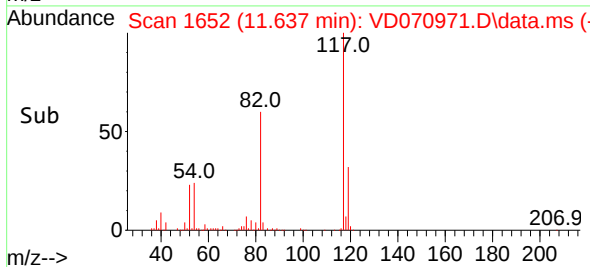
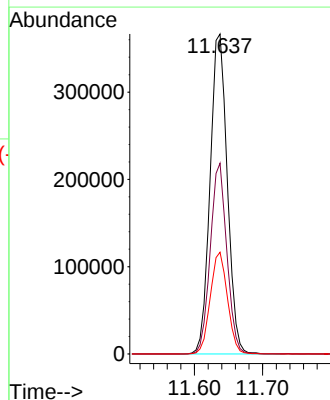
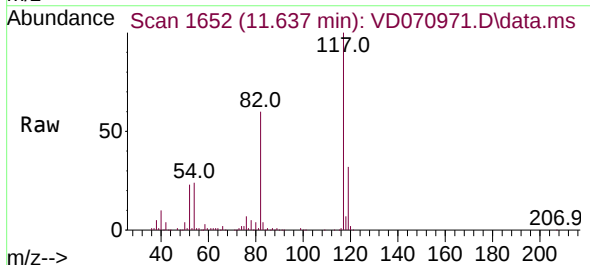
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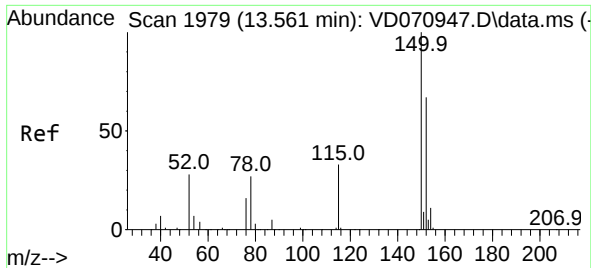
Tgt Ion: 95 Resp: 310515
Ion Ratio Lower Upper
95 100
174 74.9 0.0 159.4
176 72.9 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD070971.D
Acq: 10 Nov 2021 15:41

Tgt Ion: 117 Resp: 643065
Ion Ratio Lower Upper
117 100
82 59.6 44.7 67.1
119 31.8 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VD070971.D

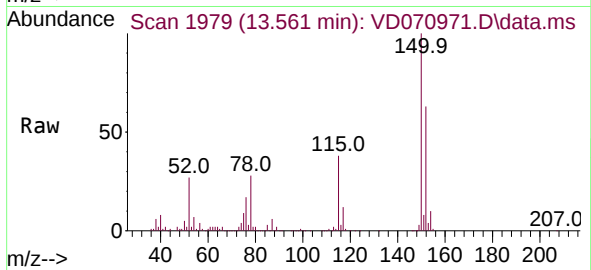
Acq: 10 Nov 2021 15:41

Instrument :

MSVOA_D

ClientSampleId :

VWE-B4-110421-BD



Tgt Ion:152 Resp: 294281

Ion Ratio Lower Upper

152 100

115 60.0 29.8 89.3

150 157.8 0.0 349.2

