

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070163.D
 Acq On : 19 Aug 2021 12:57
 Operator : VA/SY
 Sample : M3435-09RE
 Misc : 3.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-22-0306RE

Quant Time: Aug 20 05:46:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

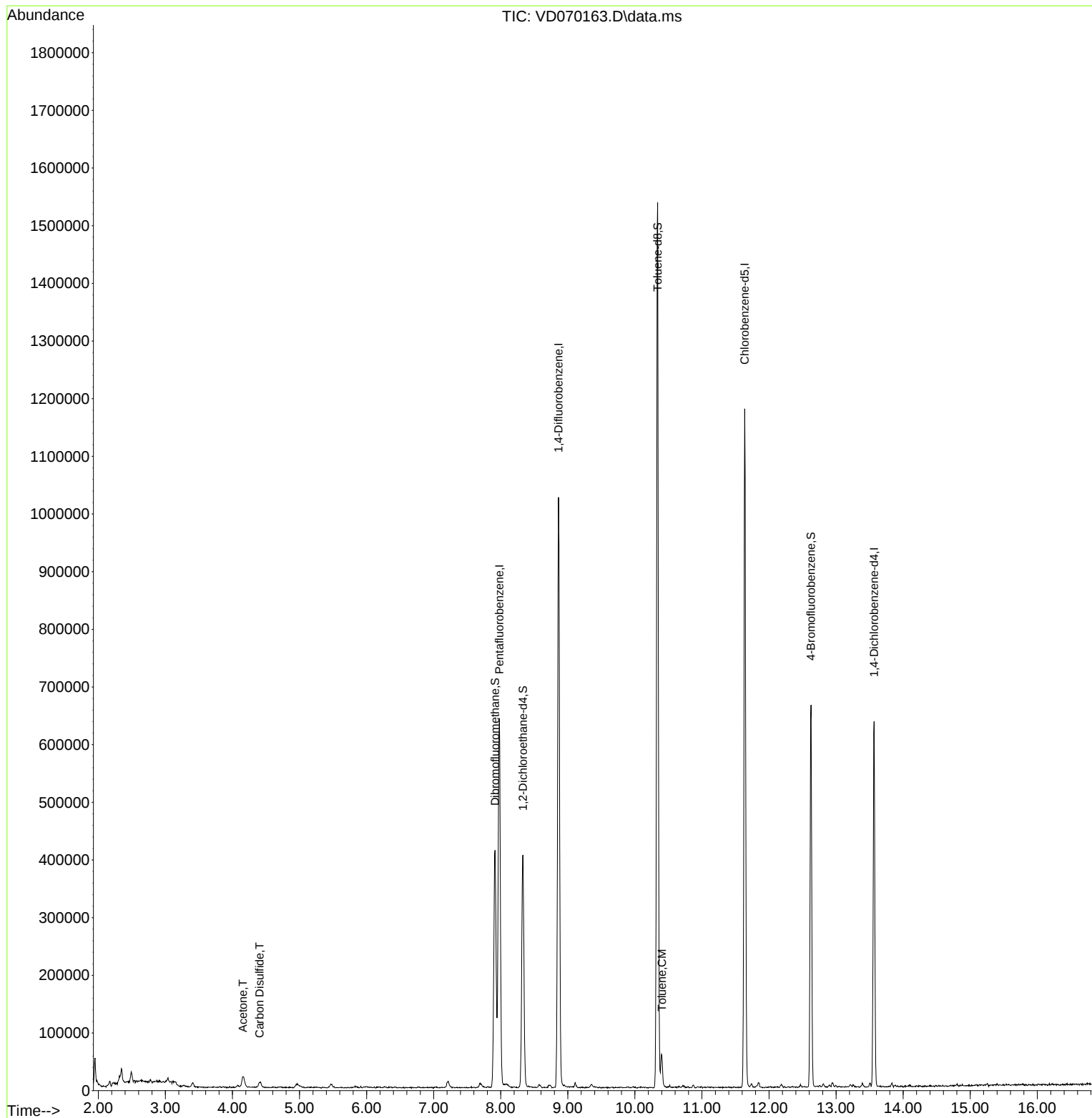
Internal Standards						
1) Pentafluorobenzene	7.979	168	460010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	869426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	686640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	167188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	322672	59.639	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.280%
35) Dibromofluoromethane	7.914	113	308936	55.000	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.000%
50) Toluene-d8	10.338	98	1058547	48.452	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.900%
62) 4-Bromofluorobenzene	12.626	95	228900	31.810	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	63.620%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	34651	34.766	ug/l	97
17) Carbon Disulfide	4.403	76	20924	1.059	ug/l #	92
52) Toluene	10.403	92	21938	1.329	ug/l	97

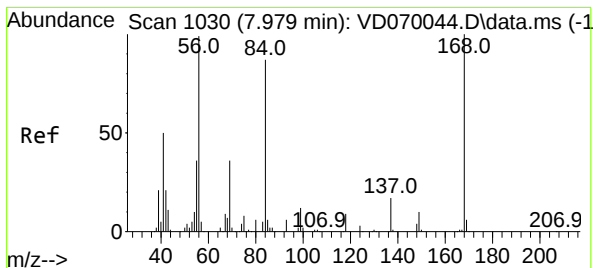
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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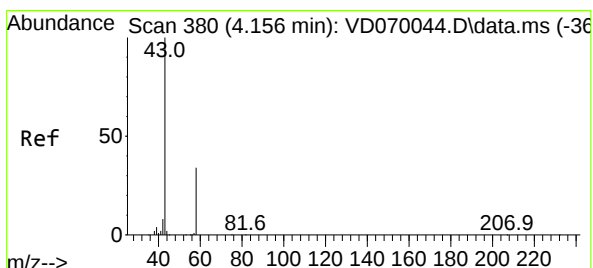
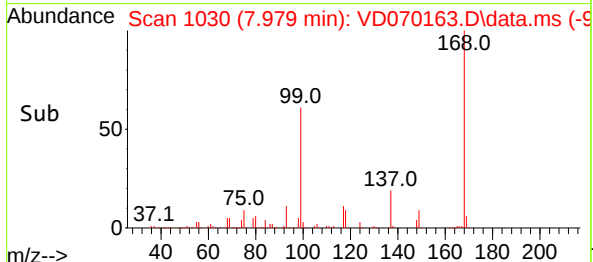
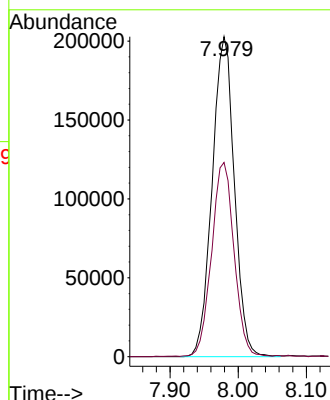
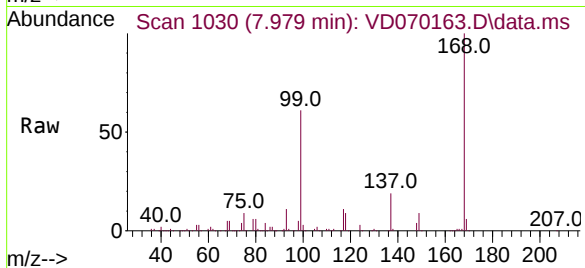




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070163.D
Acq: 19 Aug 2021 12:57

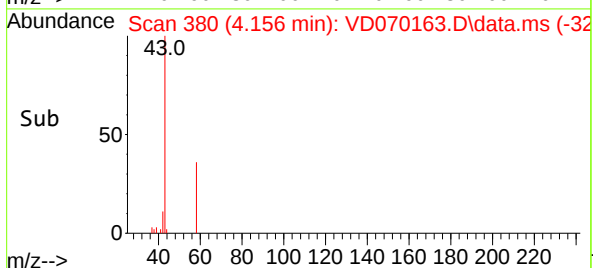
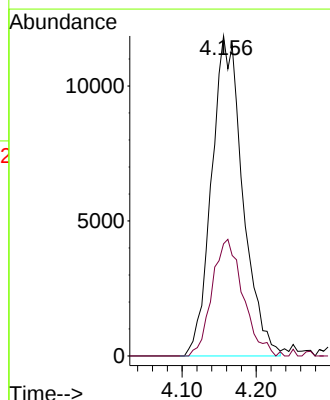
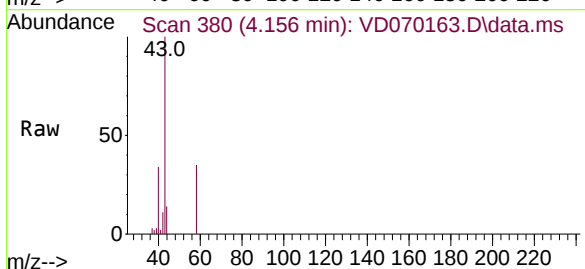
Instrument :
MSVOA_D
ClientSampleId :
SWCS-22-0306RE

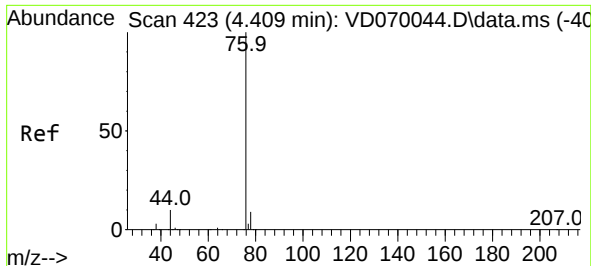
Tgt Ion:168 Resp: 460010
Ion Ratio Lower Upper
168 100
99 60.6 50.3 75.5



#16
Acetone
Concen: 34.766 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070163.D
Acq: 19 Aug 2021 12:57

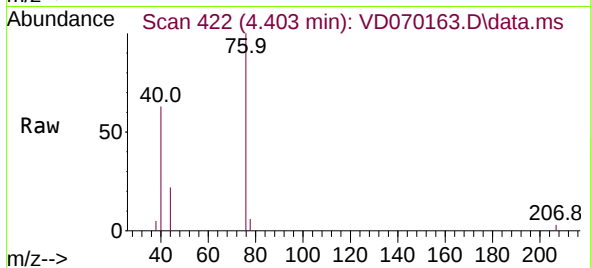
Tgt Ion: 43 Resp: 34651
Ion Ratio Lower Upper
43 100
58 35.0 26.8 40.2



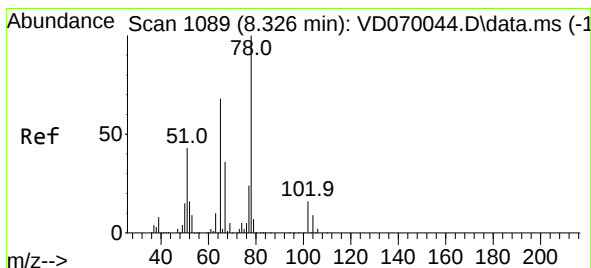
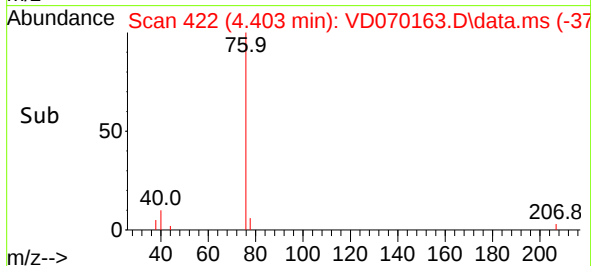
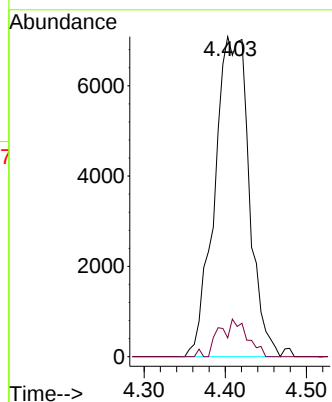


#17
Carbon Disulfide
Concen: 1.059 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD070163.D
Acq: 19 Aug 2021 12:57

Instrument :
MSVOA_D
ClientSampleId :
SWCS-22-0306RE

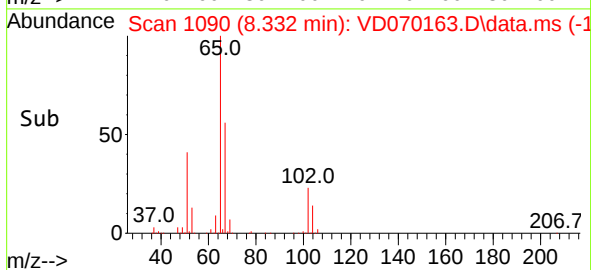
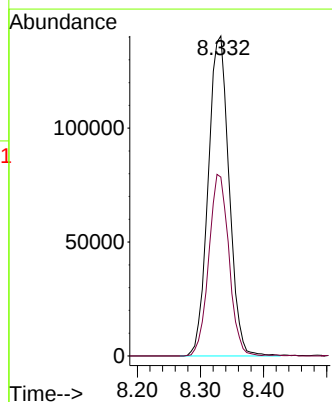
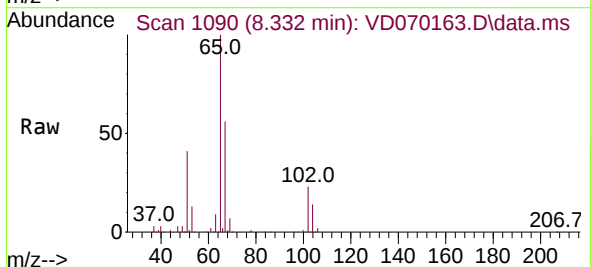


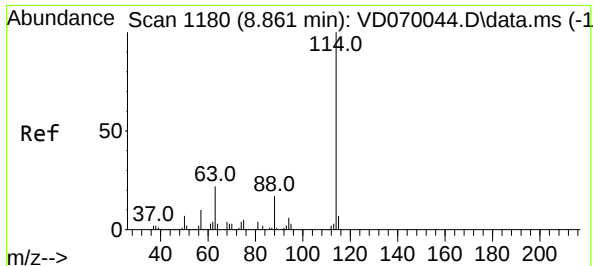
Tgt Ion: 76 Resp: 20924
Ion Ratio Lower Upper
76 100
78 5.9 7.1 10.7#



#33
1,2-Dichloroethane-d4
Concen: 59.639 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070163.D
Acq: 19 Aug 2021 12:57

Tgt Ion: 65 Resp: 322672
Ion Ratio Lower Upper
65 100
67 54.7 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070163.D

Acq: 19 Aug 2021 12:57

Tgt Ion:114 Resp: 869426

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.6

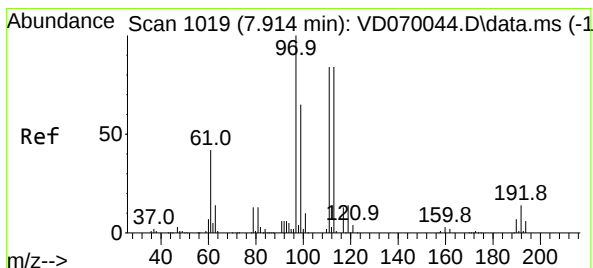
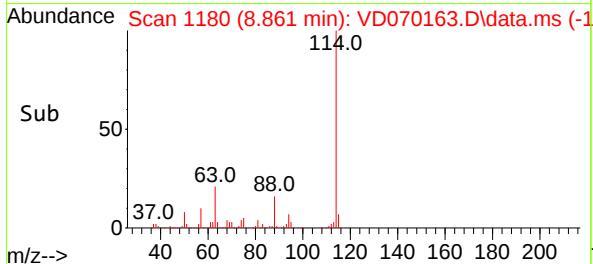
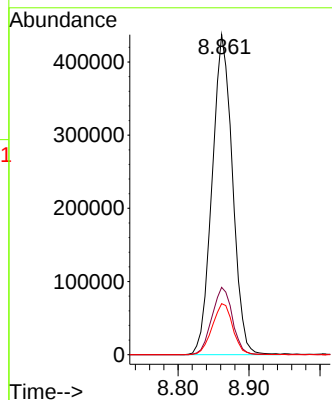
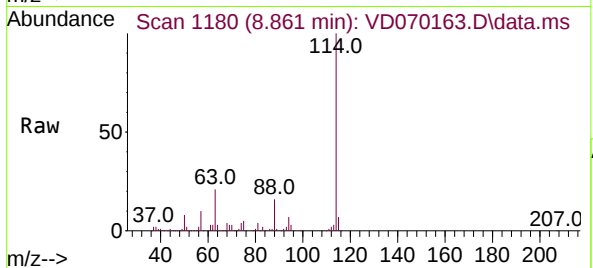
88 16.0 0.0 33.4

Instrument :

MSVOA_D

ClientSampleId :

SWCS-22-0306RE



#35

Dibromofluoromethane

Concen: 55.000 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070163.D

Acq: 19 Aug 2021 12:57

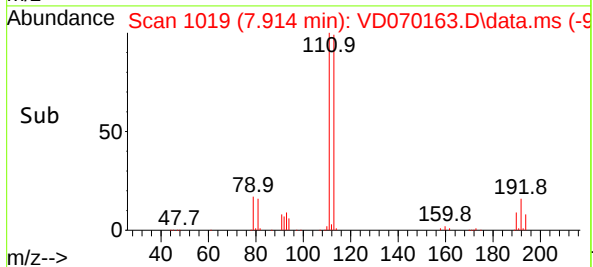
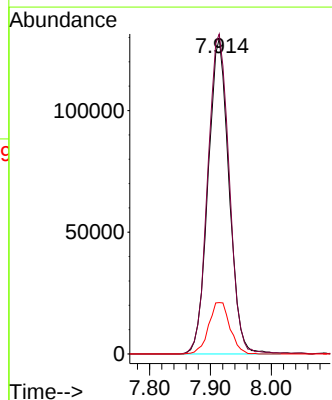
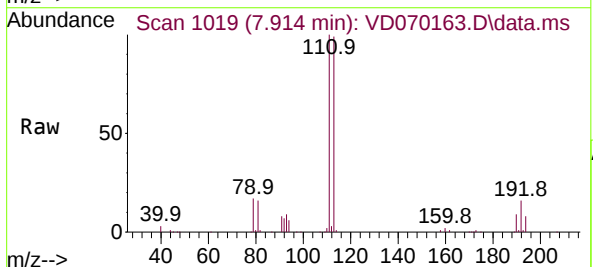
Tgt Ion:113 Resp: 308936

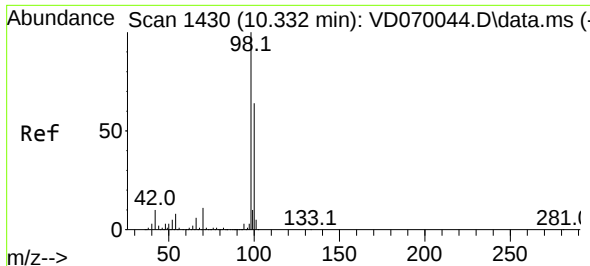
Ion Ratio Lower Upper

113 100

111 104.0 81.8 122.6

192 16.6 13.2 19.8

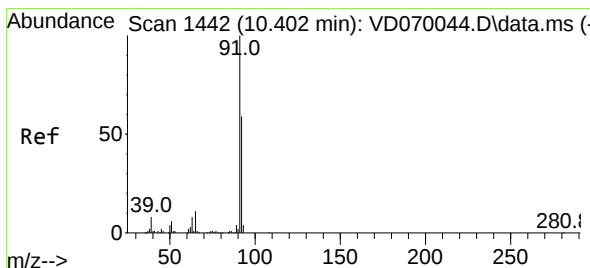
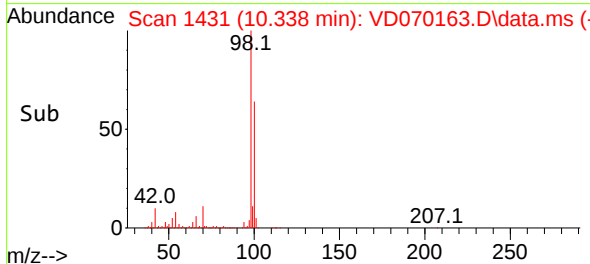
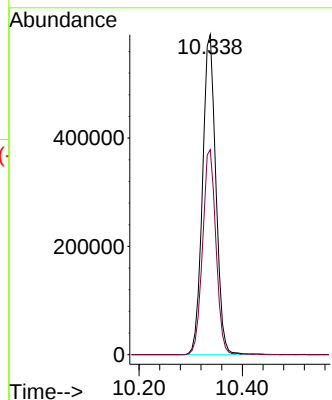
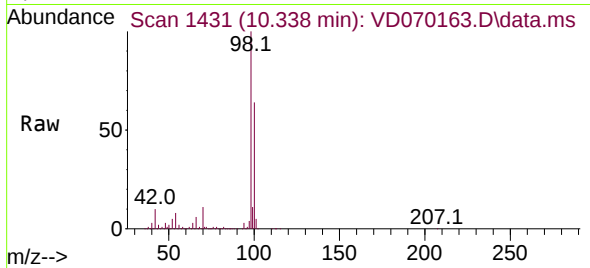




#50
Toluene-d8
Concen: 48.452 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070163.D
Acq: 19 Aug 2021 12:57

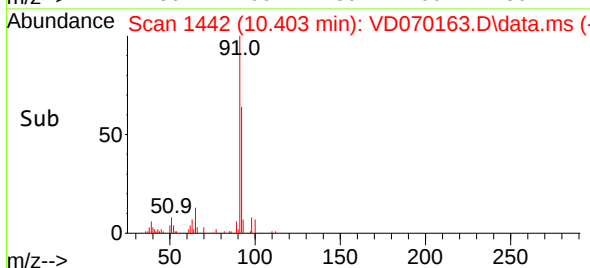
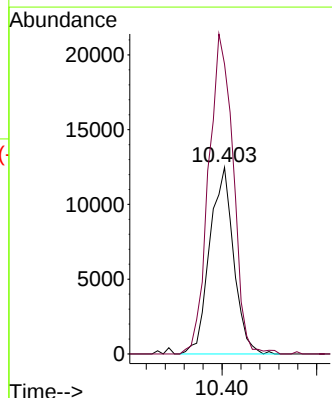
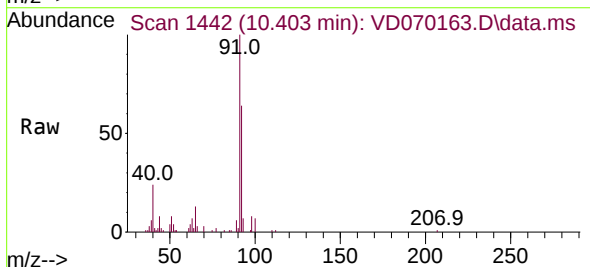
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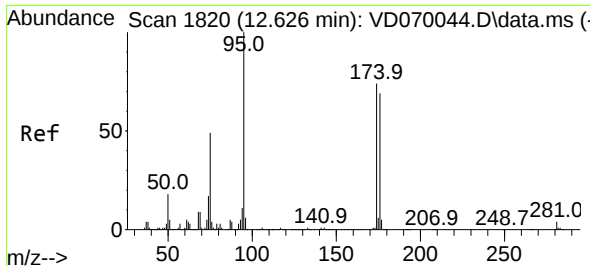
Tgt Ion: 98 Resp: 1058547
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8



#52
Toluene
Concen: 1.329 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD070163.D
Acq: 19 Aug 2021 12:57

Tgt Ion: 92 Resp: 21938
Ion Ratio Lower Upper
92 100
91 175.6 137.2 205.8

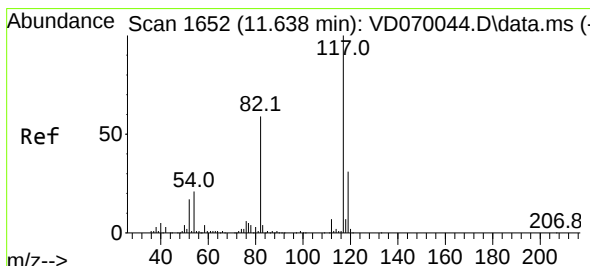
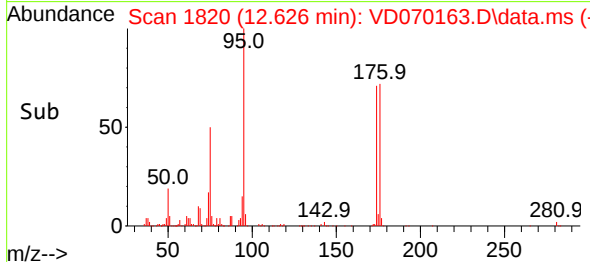
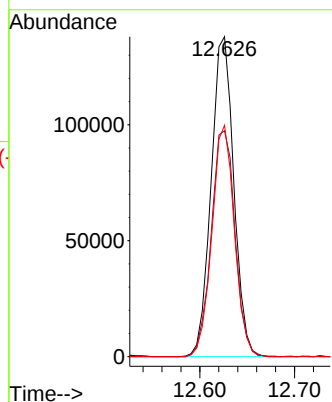
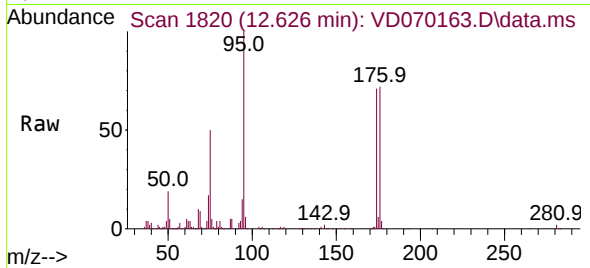




#62
4-Bromofluorobenzene
Concen: 31.810 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070163.D
Acq: 19 Aug 2021 12:57

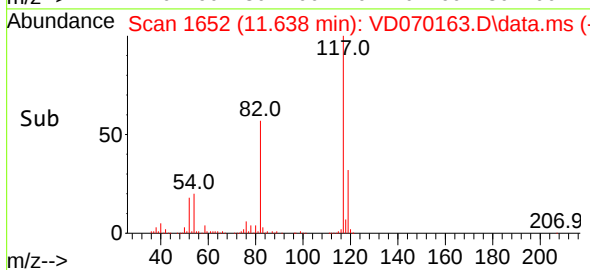
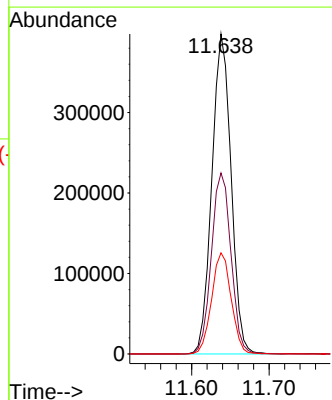
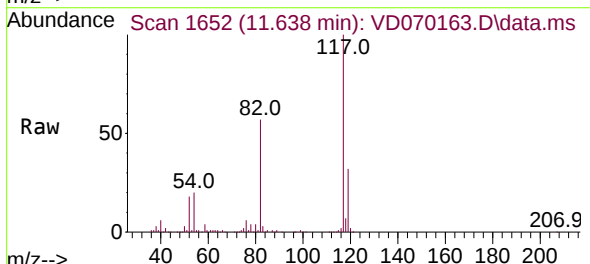
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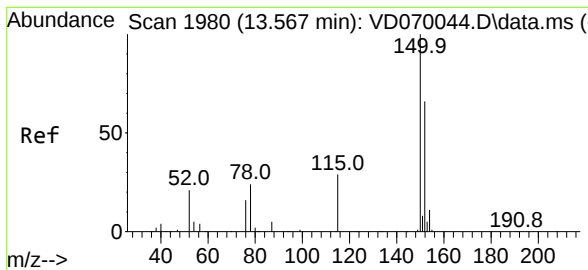
Tgt Ion: 95 Resp: 228900
Ion Ratio Lower Upper
95 100
174 74.3 0.0 141.6
176 71.6 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070163.D
Acq: 19 Aug 2021 12:57

Tgt Ion: 117 Resp: 686640
Ion Ratio Lower Upper
117 100
82 56.6 47.5 71.3
119 31.6 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD070163.D
 Acq: 19 Aug 2021 12:57

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-22-0306RE

Tgt Ion:152 Resp: 167188
 Ion Ratio Lower Upper
 152 100
 115 61.7 31.2 93.6
 150 163.3 0.0 352.0

