

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070124.D
 Acq On : 18 Aug 2021 13:27
 Operator : VA/SY
 Sample : M3441-01
 Misc : 13.18G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-4

Quant Time: Aug 19 07:30:07 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)

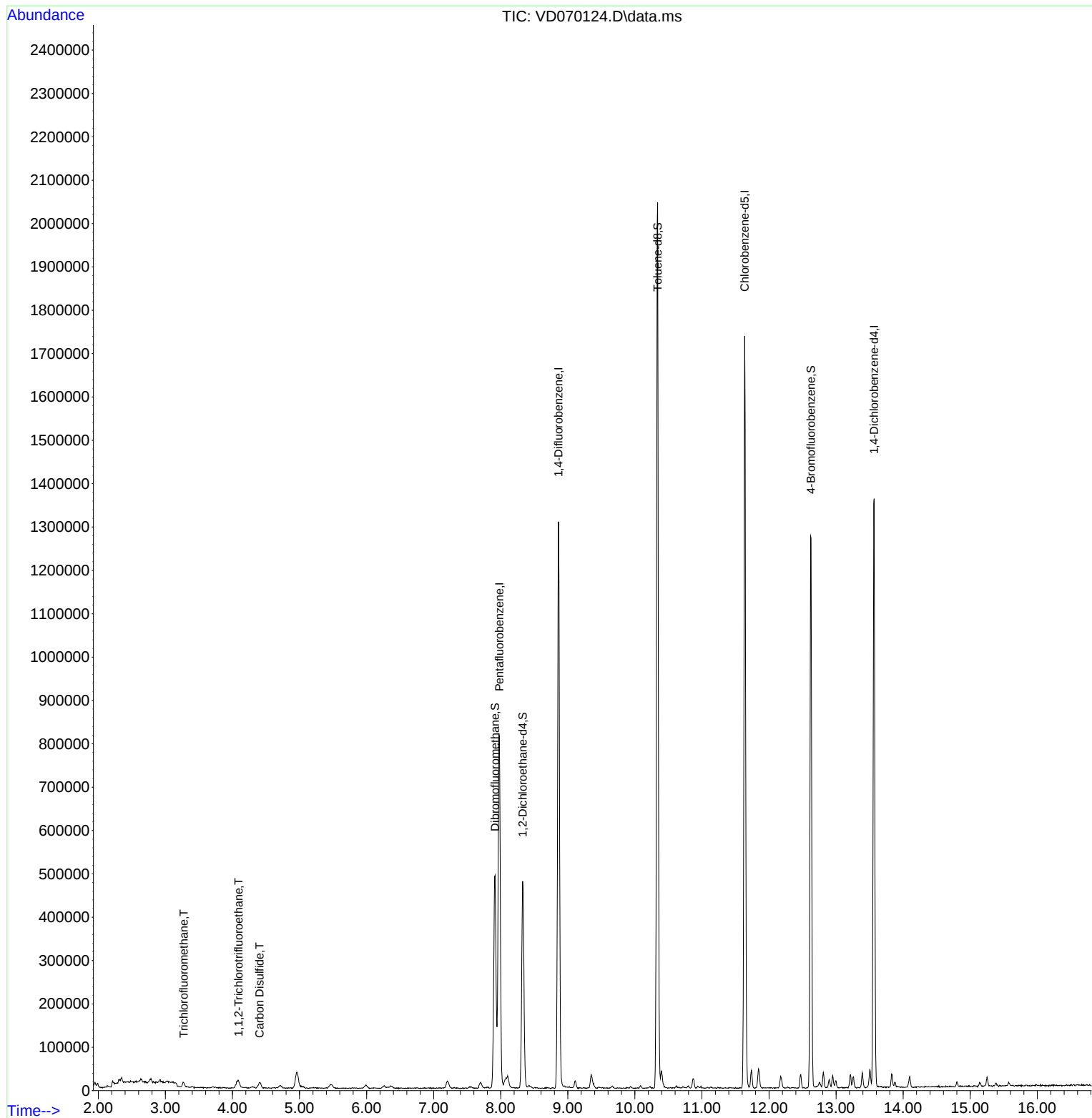
Internal Standards						
1) Pentafluorobenzene	7.979	168	578936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1093532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1008154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	368004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	367566	53.981	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.960%	
35) Dibromofluoromethane	7.914	113	362314	51.283	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.560%	
50) Toluene-d8	10.338	98	1413650	51.445	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.900%	
62) 4-Bromofluorobenzene	12.626	95	412917	45.622	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.240%	
Target Compounds						Qvalue
7) Trichlorofluoromethane	3.273	101	12214	1.038	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	8831	1.180	ug/l	97
17) Carbon Disulfide	4.403	76	28441	1.144	ug/l #	94

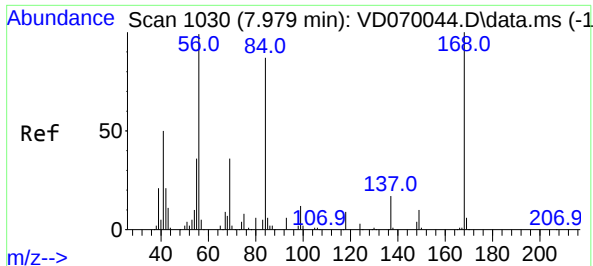
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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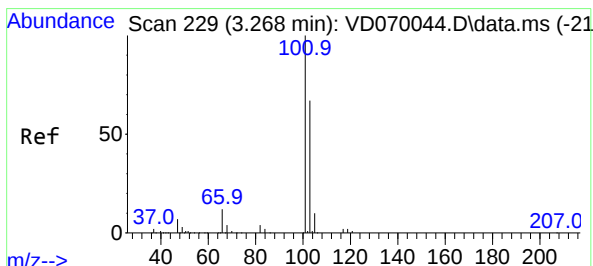
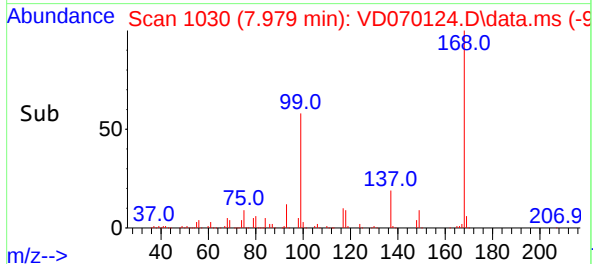
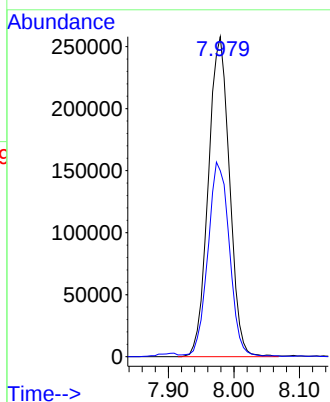
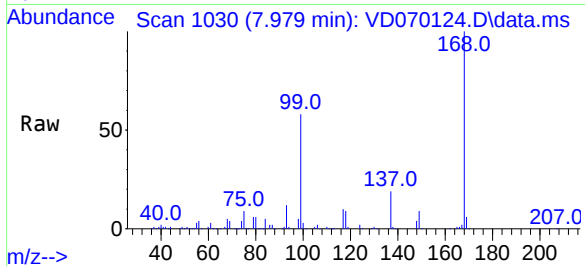




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070124.D
Acq: 18 Aug 2021 13:27

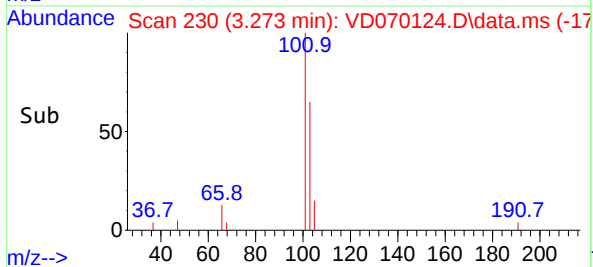
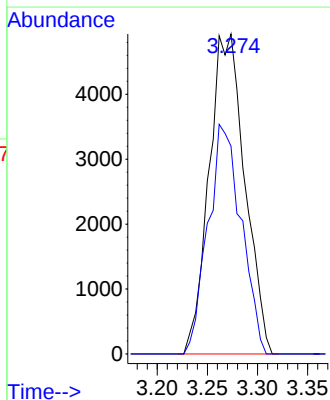
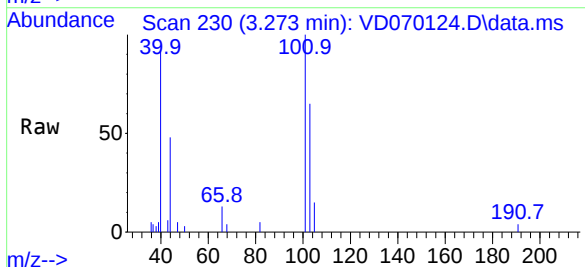
Instrument :
MSVOA_D
ClientSampleId :
WC-4

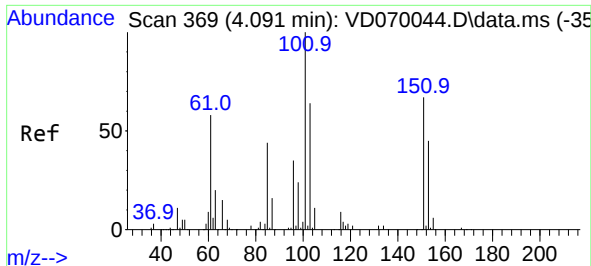
Tgt Ion:168 Resp: 578936
Ion Ratio Lower Upper
168 100
99 57.8 50.3 75.5



#7
Trichlorofluoromethane
Concen: 1.038 ug/l
RT: 3.273 min Scan# 230
Delta R.T. 0.006 min
Lab File: VD070124.D
Acq: 18 Aug 2021 13:27

Tgt Ion:101 Resp: 12214
Ion Ratio Lower Upper
101 100
103 64.9 53.9 80.9

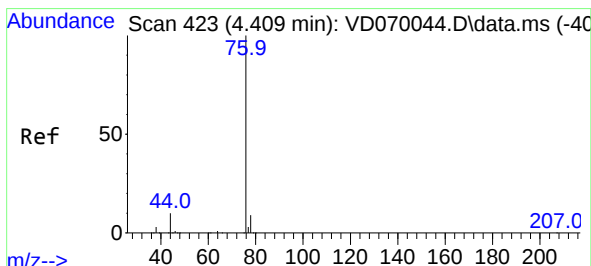
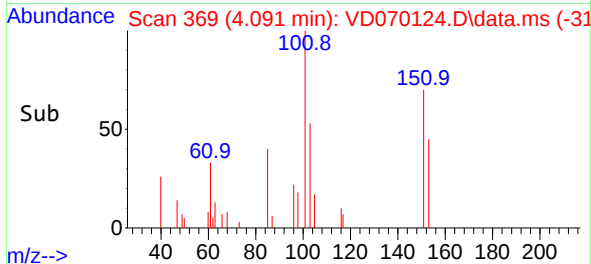
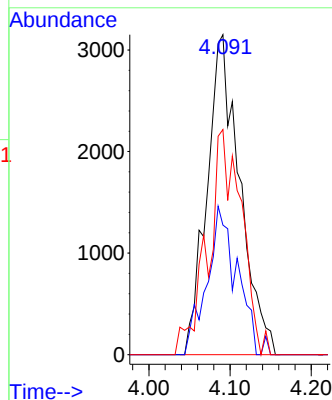
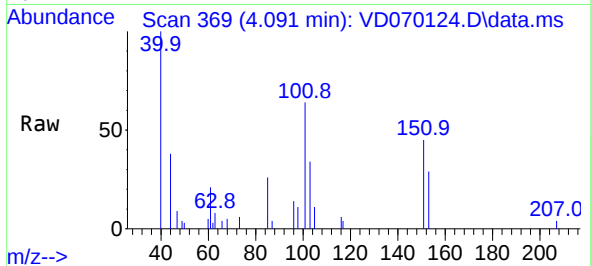




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.180 ug/l
RT: 4.091 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD070124.D
Acq: 18 Aug 2021 13:27

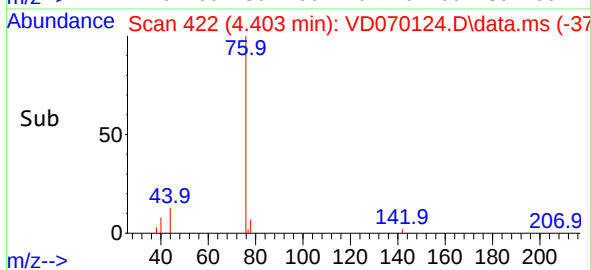
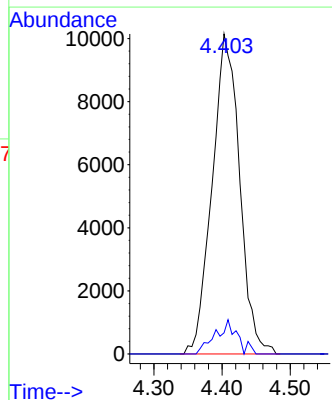
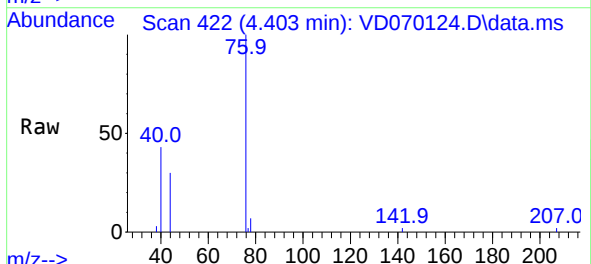
Instrument :
MSVOA_D
ClientSampleId :
WC-4

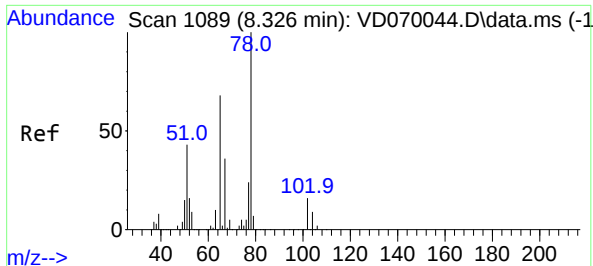
Tgt Ion:101 Resp: 8831
Ion Ratio Lower Upper
101 100
85 42.1 34.6 52.0
151 72.1 55.0 82.6



#17
Carbon Disulfide
Concen: 1.144 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD070124.D
Acq: 18 Aug 2021 13:27

Tgt Ion: 76 Resp: 28441
Ion Ratio Lower Upper
76 100
78 6.6 7.1 10.7#

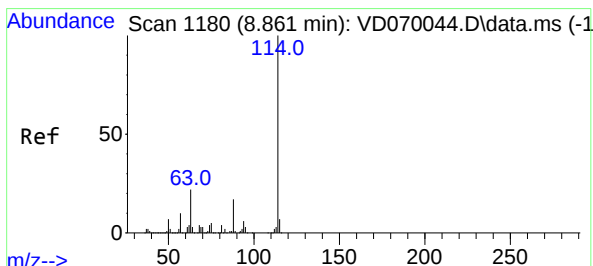
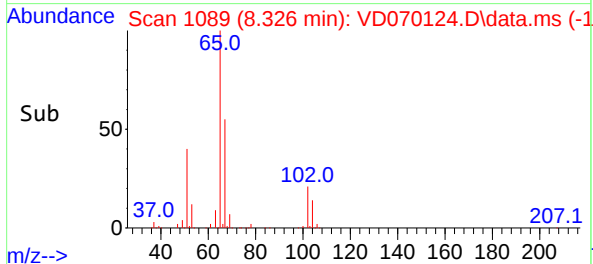
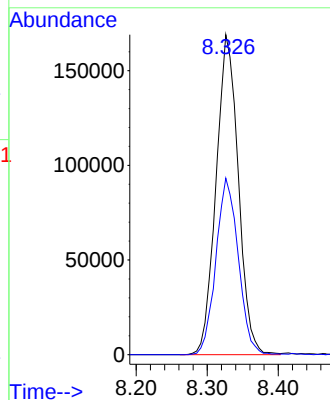
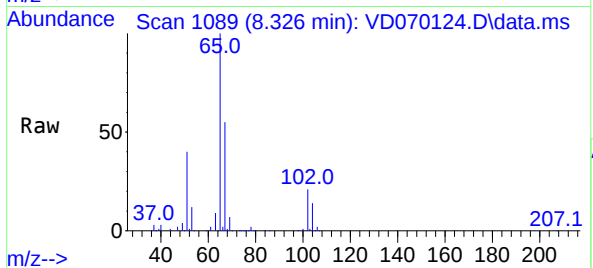




#33
1,2-Dichloroethane-d4
Concen: 53.981 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070124.D
Acq: 18 Aug 2021 13:27

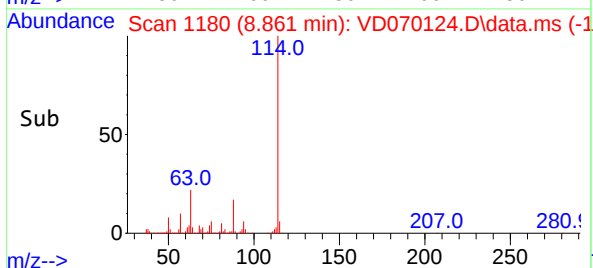
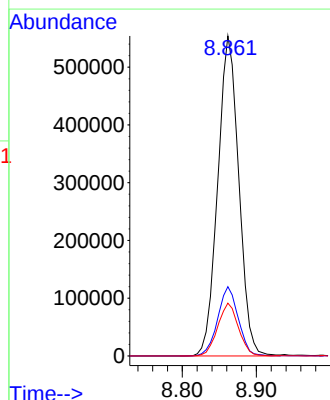
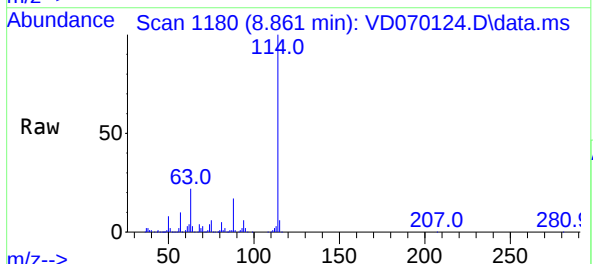
Instrument :
MSVOA_D
ClientSampleId :
WC-4

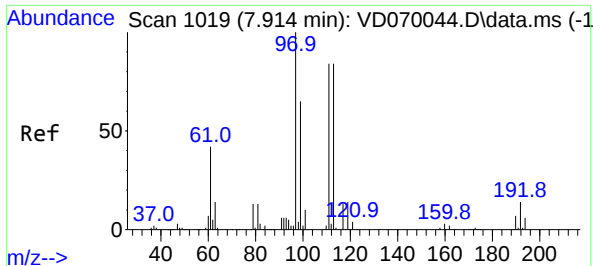
Tgt Ion: 65 Resp: 367566
Ion Ratio Lower Upper
65 100
67 55.4 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070124.D
Acq: 18 Aug 2021 13:27

Tgt Ion:114 Resp: 1093532
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.6
88 16.5 0.0 33.4



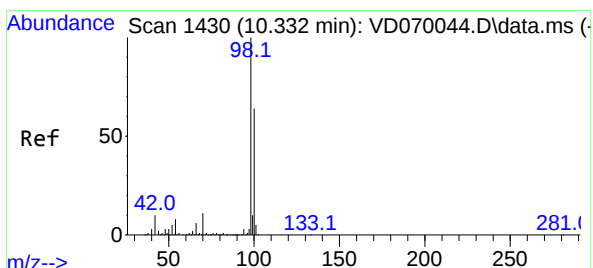
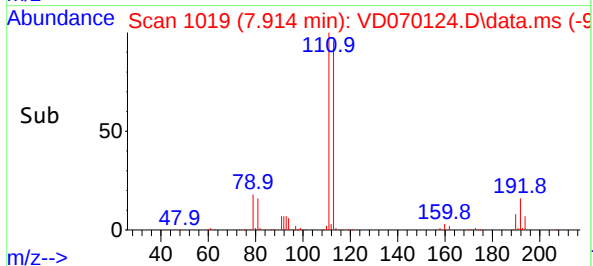
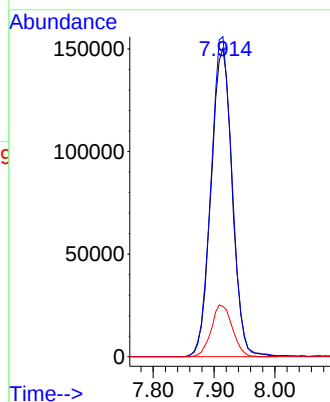
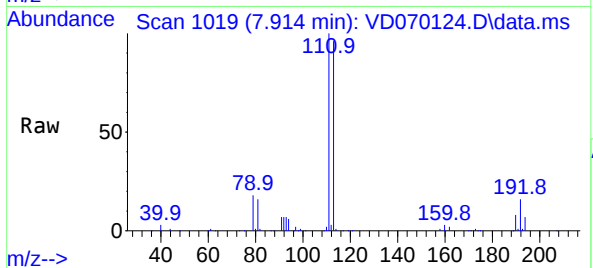


#35
Dibromofluoromethane
Concen: 51.283 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070124.D
Acq: 18 Aug 2021 13:27

Instrument :
MSVOA_D
ClientSampleId :
WC-4

Tgt Ion:113 Resp: 362314

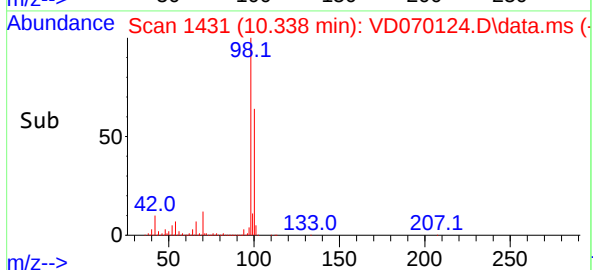
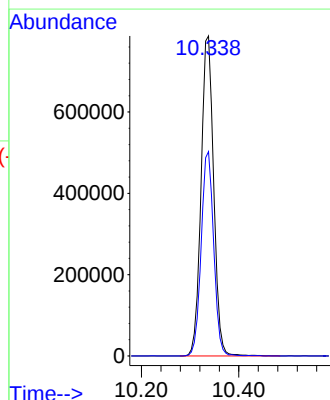
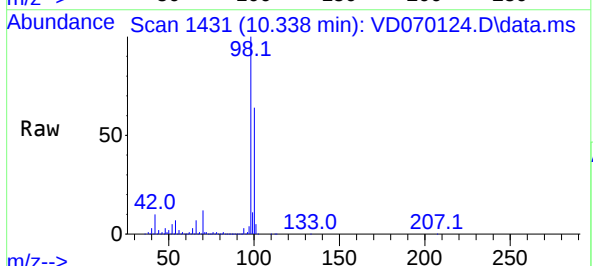
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.6
192	16.7	13.2	19.8

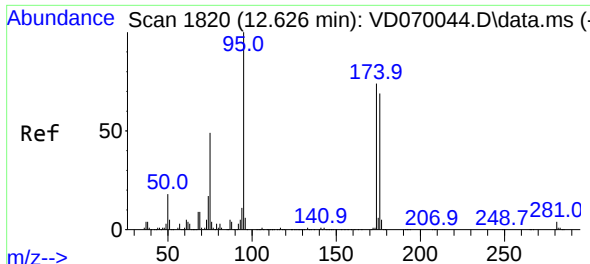


#50
Toluene-d8
Concen: 51.445 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070124.D
Acq: 18 Aug 2021 13:27

Tgt Ion: 98 Resp: 1413650

Ion	Ratio	Lower	Upper
98	100		
100	63.4	52.6	78.8

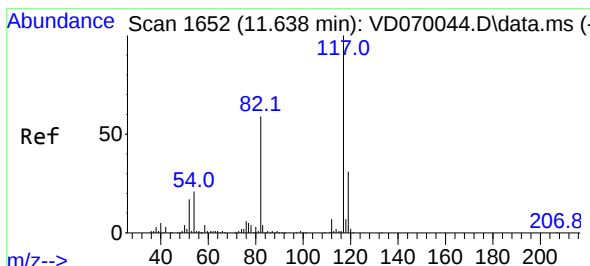
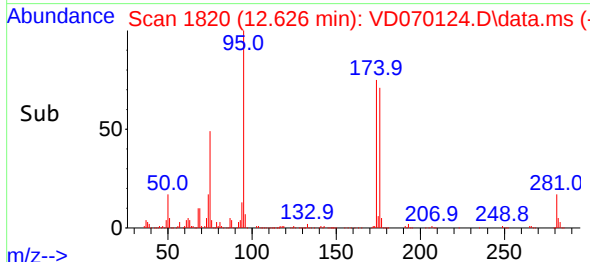
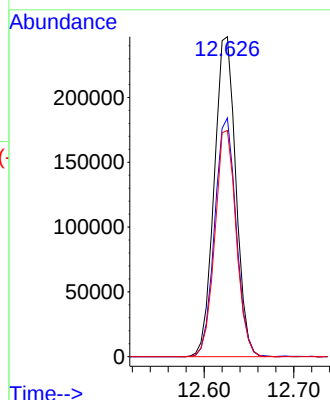
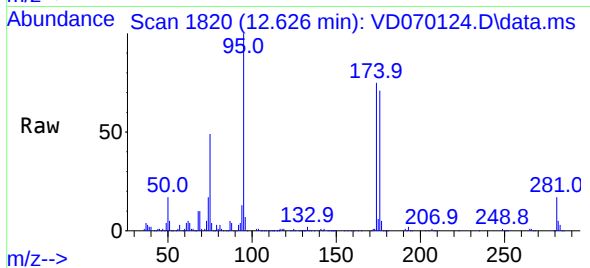




#62
4-Bromofluorobenzene
Concen: 45.622 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070124.D
Acq: 18 Aug 2021 13:27

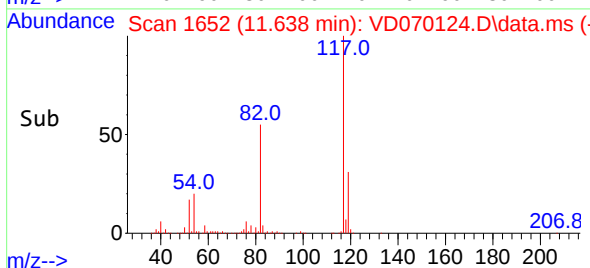
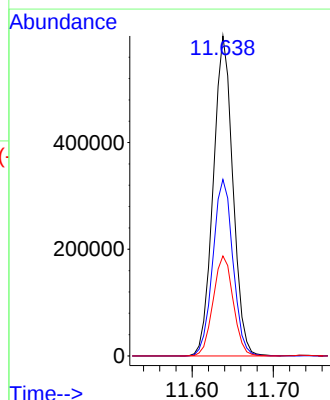
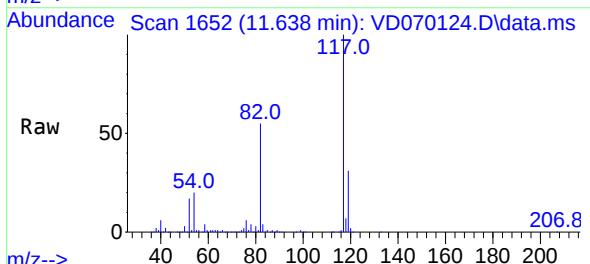
Instrument :
MSVOA_D
ClientSampled :
WC-4

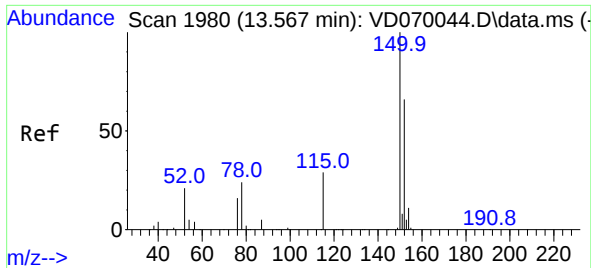
Tgt Ion: 95 Resp: 412917
Ion Ratio Lower Upper
95 100
174 74.1 0.0 141.6
176 69.7 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070124.D
Acq: 18 Aug 2021 13:27

Tgt Ion: 117 Resp: 1008154
Ion Ratio Lower Upper
117 100
82 55.2 47.5 71.3
119 31.2 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: VD070124.D
Acq: 18 Aug 2021 13:27

Instrument :
MSVOA_D
ClientSampleId :
WC-4

Tgt Ion:152 Resp: 368004
Ion Ratio Lower Upper
152 100
115 60.8 31.2 93.6
150 156.8 0.0 352.0

