

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
 Data File : VD072197.D
 Acq On : 15 Mar 2022 19:08
 Operator : VA/SY
 Sample : N1908-05
 Misc : 4.59G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-8-9-1

Quant Time: Mar 16 01:02:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

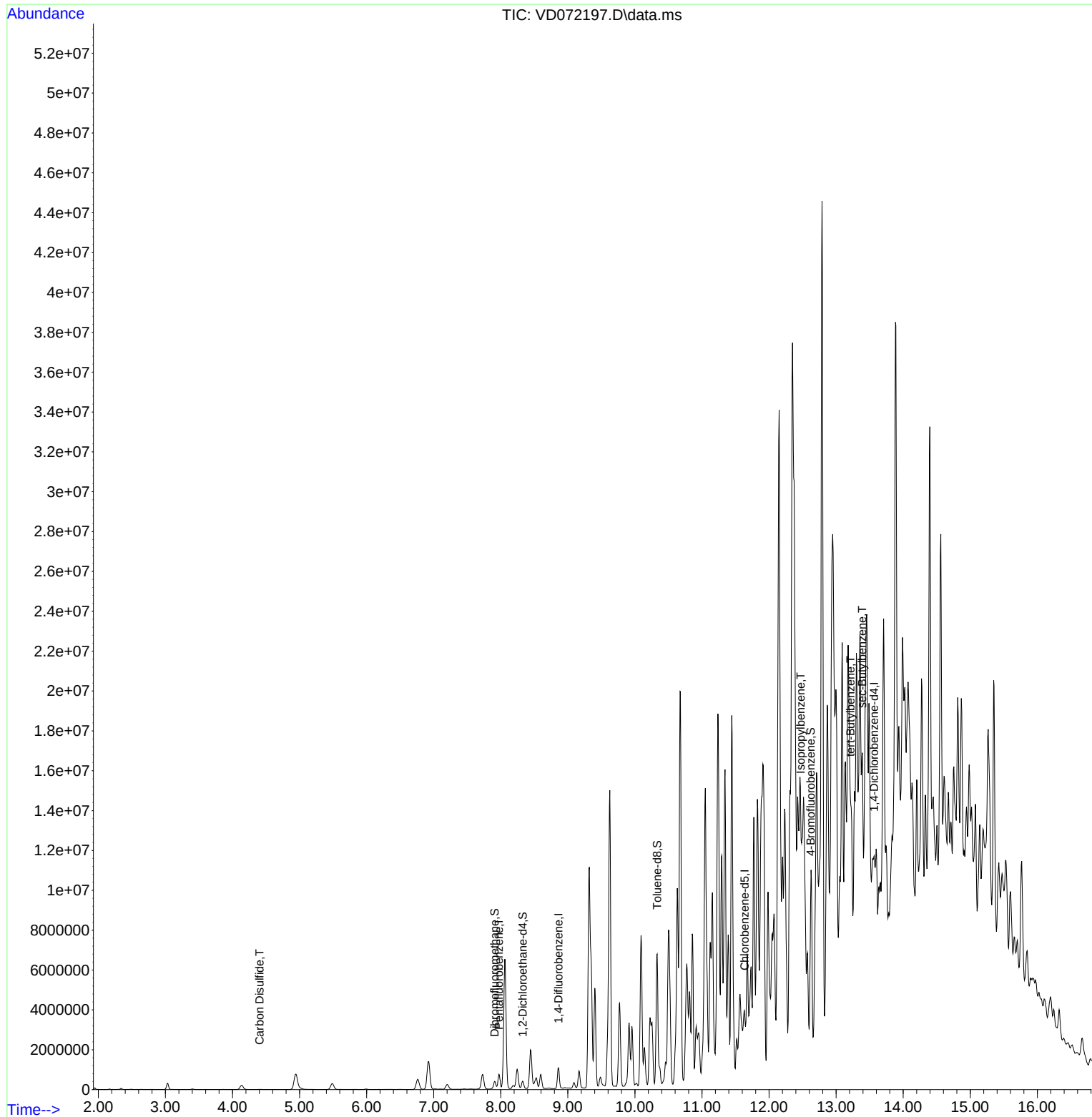
Internal Standards						
1) Pentafluorobenzene	7.973	168	518103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	907878	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	902615	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	639088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	289248	50.095	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.200%	
35) Dibromofluoromethane	7.908	113	279710	43.781	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 87.560%	
50) Toluene-d8	10.332	98	1172094	50.174	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.340%	
62) 4-Bromofluorobenzene	12.620	95	1085706	119.612	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 239.220%#	
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.403	76	12573	2.599	ug/l	97
73) Isopropylbenzene	12.473	105	142712	2.818	ug/l	99
83) tert-Butylbenzene	13.214	119	276377	7.245	ug/l	77
85) sec-Butylbenzene	13.390	105	536420	9.364	ug/l	# 38

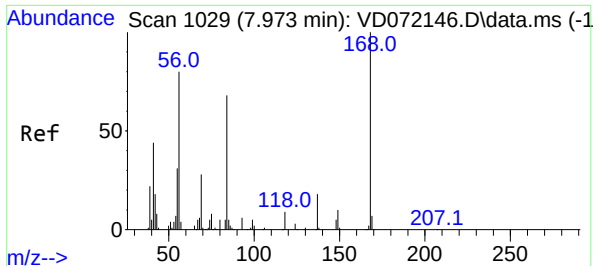
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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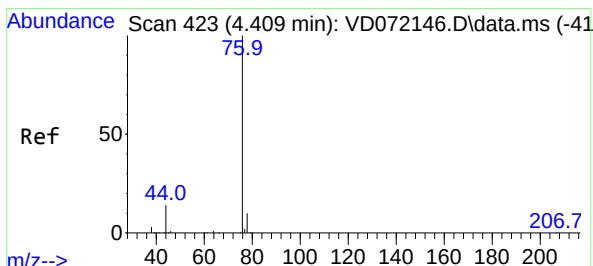
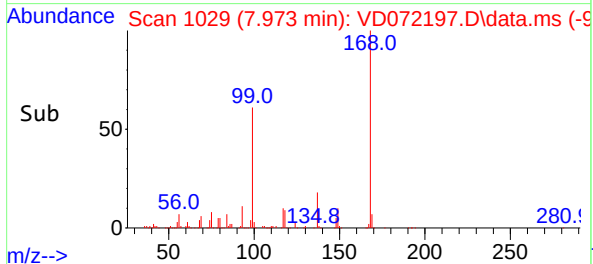
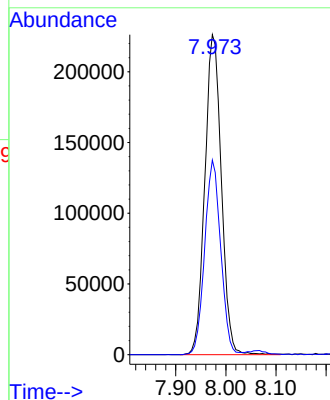
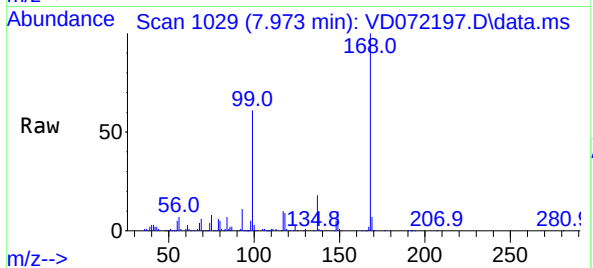




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD072197.D
Acq: 15 Mar 2022 19:08

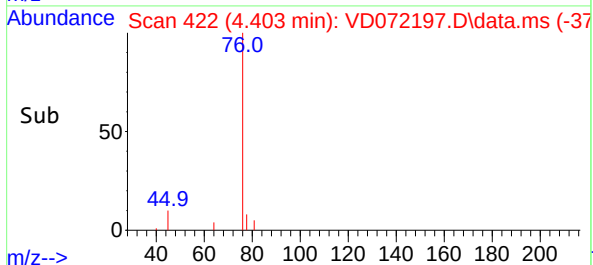
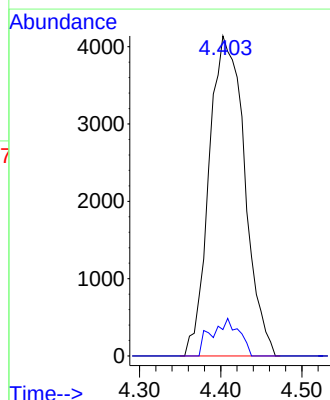
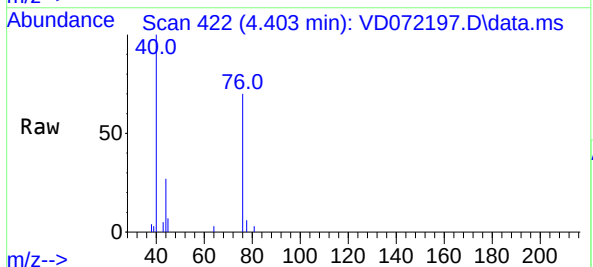
Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-1

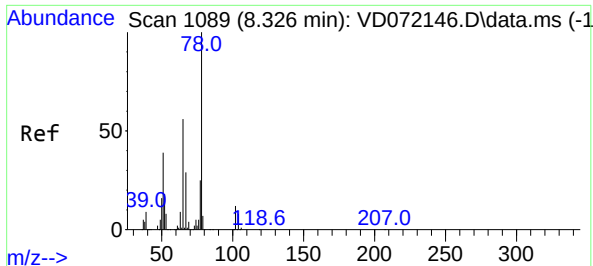
Tgt Ion:168 Resp: 518103
Ion Ratio Lower Upper
168 100
99 60.8 49.8 74.6



#17
Carbon Disulfide
Concen: 2.599 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD072197.D
Acq: 15 Mar 2022 19:08

Tgt Ion: 76 Resp: 12573
Ion Ratio Lower Upper
76 100
78 8.2 7.5 11.3





#33

1,2-Dichloroethane-d4

Concen: 50.095 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072197.D

Acq: 15 Mar 2022 19:08

Instrument :

MSVOA_D

ClientSampleId :

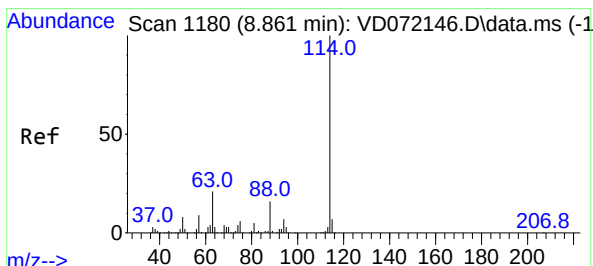
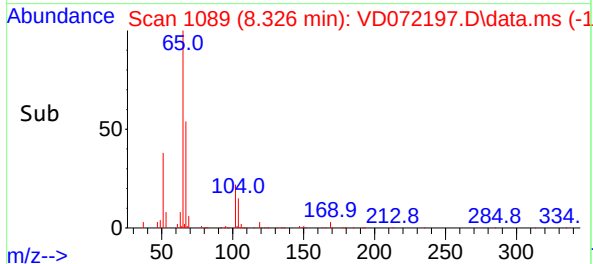
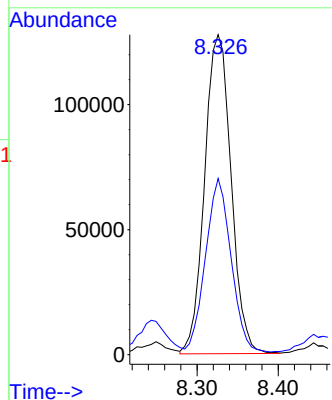
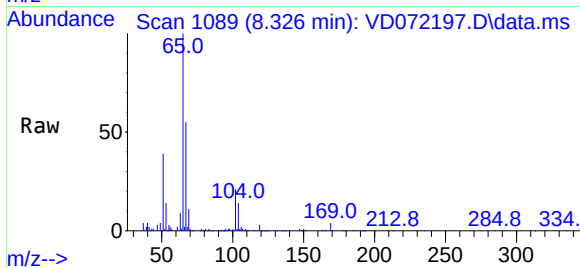
WC-8-9-1

Tgt Ion: 65 Resp: 289248

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072197.D

Acq: 15 Mar 2022 19:08

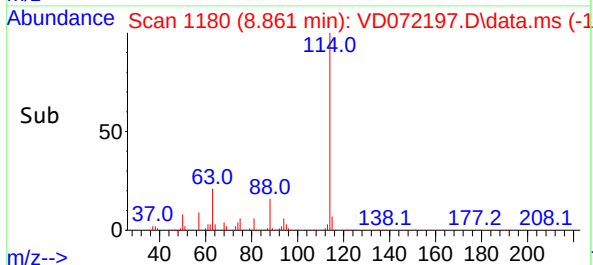
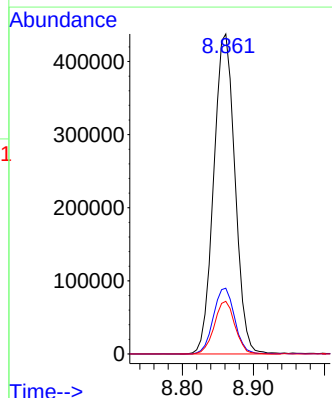
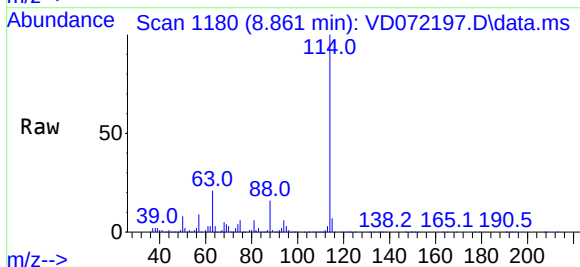
Tgt Ion: 114 Resp: 907878

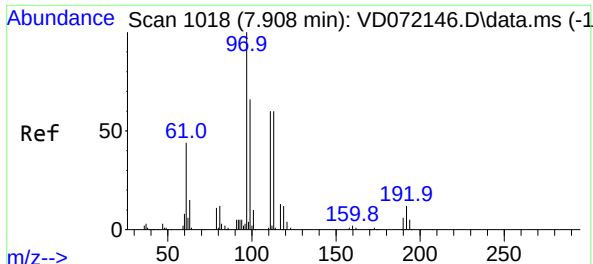
Ion Ratio Lower Upper

114 100

63 20.6 0.0 46.6

88 16.5 0.0 33.2

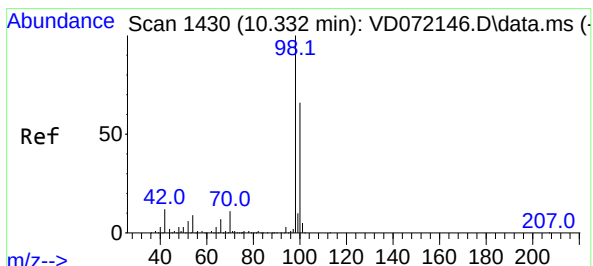
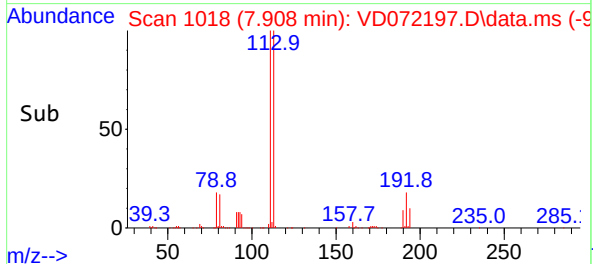
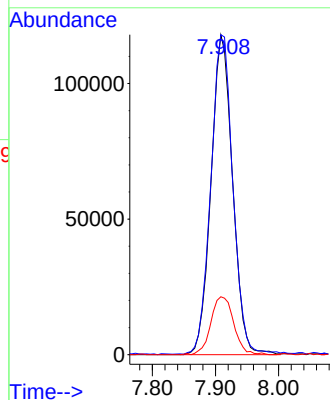
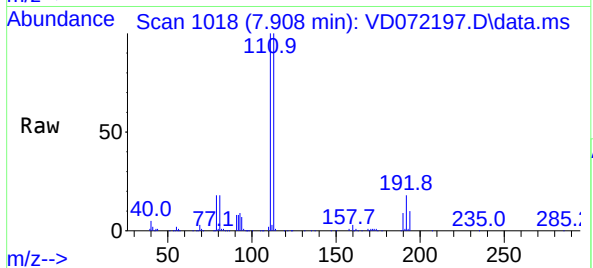




#35
Dibromofluoromethane
Concen: 43.781 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072197.D
Acq: 15 Mar 2022 19:08

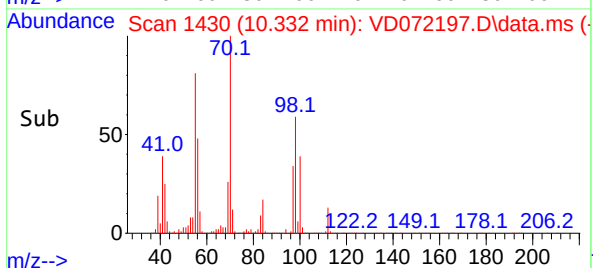
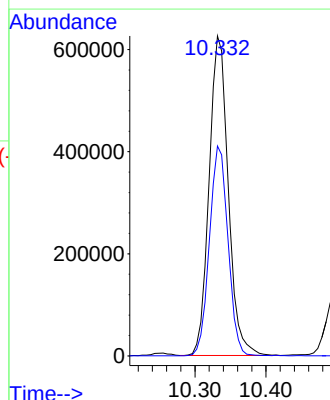
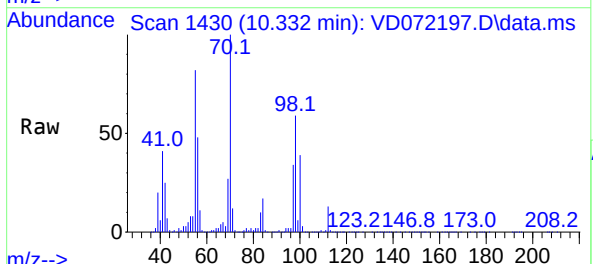
Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-1

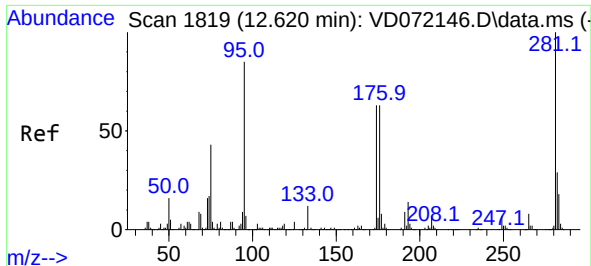
Tgt Ion:113 Resp: 279710
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 19.2 14.6 21.8



#50
Toluene-d8
Concen: 50.174 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072197.D
Acq: 15 Mar 2022 19:08

Tgt Ion: 98 Resp: 1172094
Ion Ratio Lower Upper
98 100
100 63.5 52.4 78.6

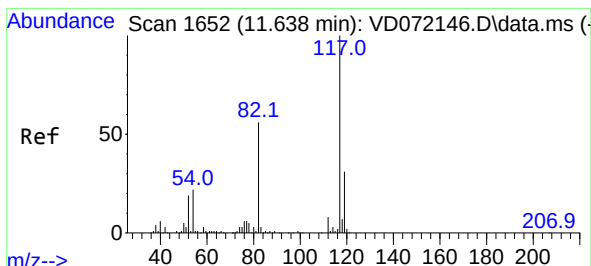
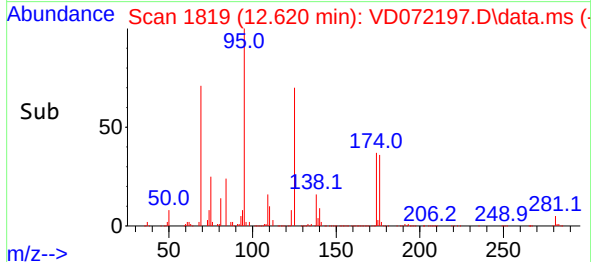
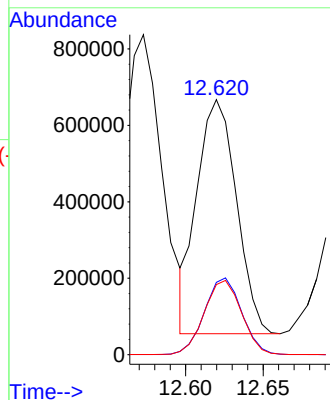
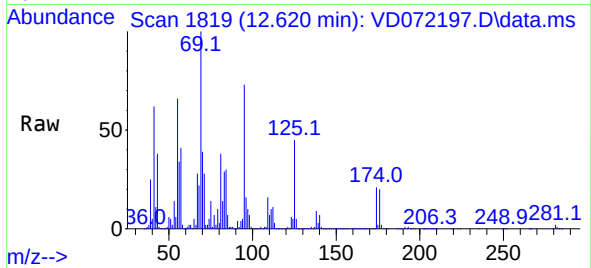




#62
4-Bromofluorobenzene
Concen: 119.612 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072197.D
Acq: 15 Mar 2022 19:08

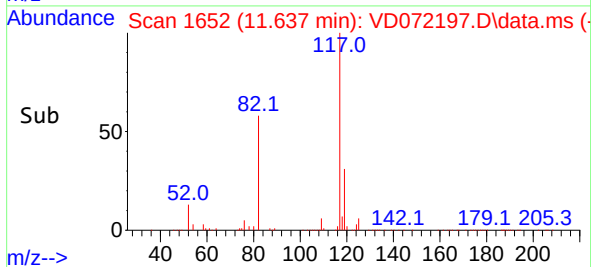
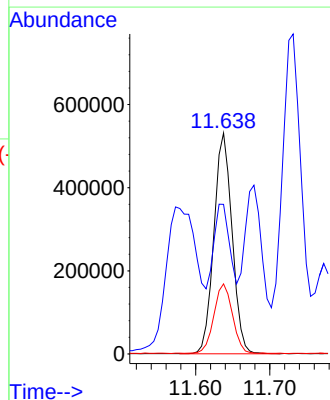
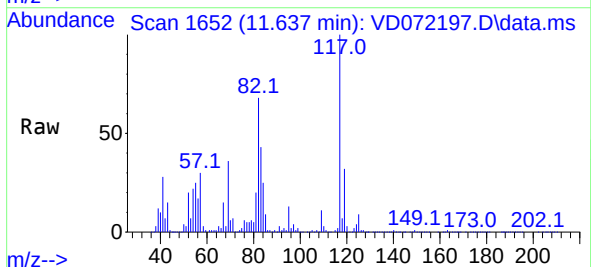
Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-1

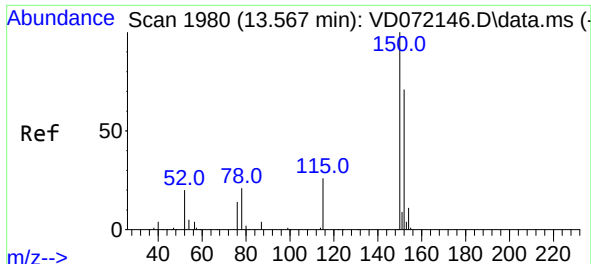
Tgt Ion: 95 Resp: 1085706
Ion Ratio Lower Upper
95 100
174 31.0 0.0 152.8
176 30.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072197.D
Acq: 15 Mar 2022 19:08

Tgt Ion: 117 Resp: 902615
Ion Ratio Lower Upper
117 100
82 4.0 45.3 67.9#
119 31.4 26.6 40.0

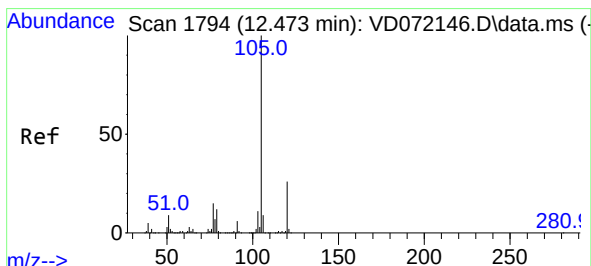
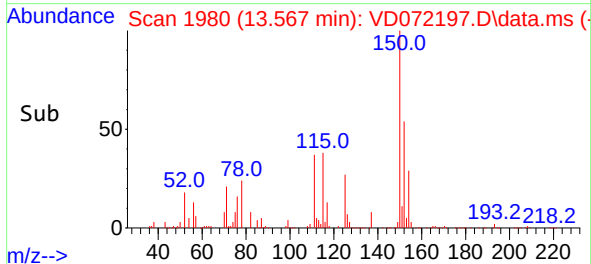
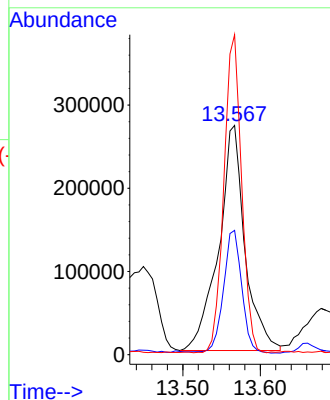
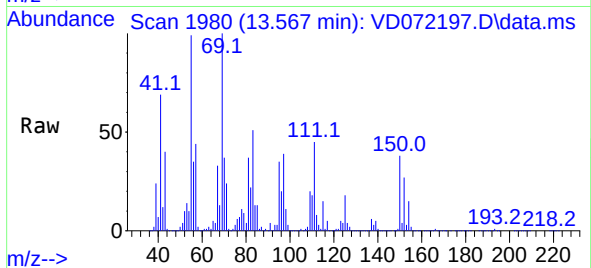




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072197.D
Acq: 15 Mar 2022 19:08

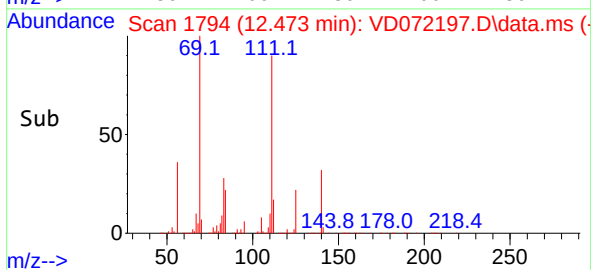
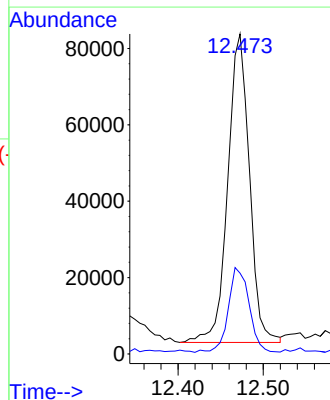
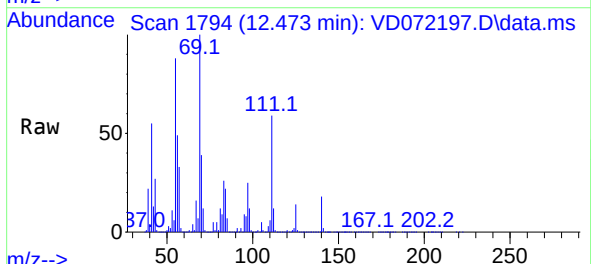
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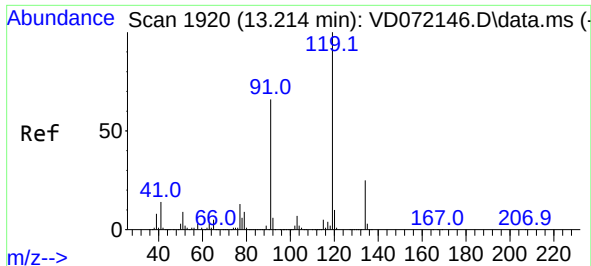
Tgt Ion:152 Resp: 639088
Ion Ratio Lower Upper
152 100
115 38.0 31.3 93.8
150 94.9 0.0 348.6



#73
Isopropylbenzene
Concen: 2.818 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD072197.D
Acq: 15 Mar 2022 19:08

Tgt Ion:105 Resp: 142712
Ion Ratio Lower Upper
105 100
120 26.4 13.0 38.9

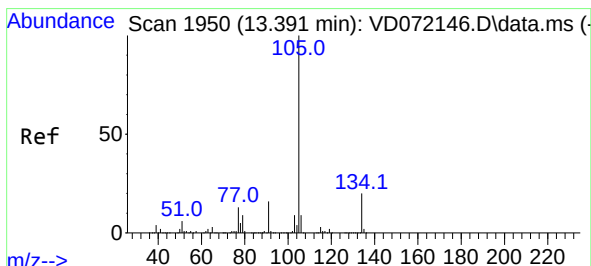
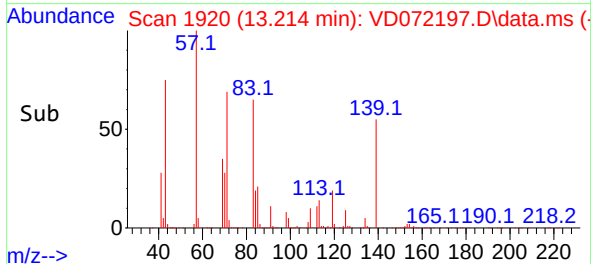
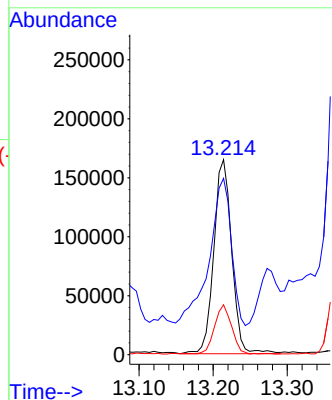
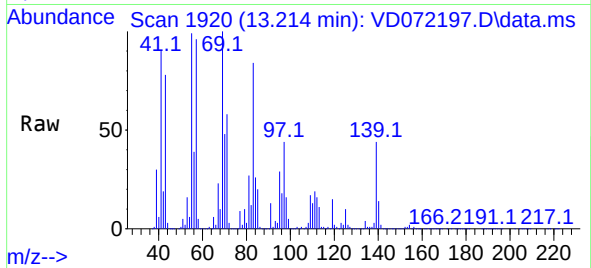




#83
tert-Butylbenzene
Concen: 7.245 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD072197.D
Acq: 15 Mar 2022 19:08

Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-1

Tgt Ion:119 Resp: 276377
Ion Ratio Lower Upper
119 100
91 94.1 34.8 104.5
134 24.0 13.3 39.9



#85
sec-Butylbenzene
Concen: 9.364 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD072197.D
Acq: 15 Mar 2022 19:08

Tgt Ion:105 Resp: 536420
Ion Ratio Lower Upper
105 100
134 47.9 9.8 29.3#

