

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
 Data File : VD072195.D
 Acq On : 15 Mar 2022 18:11
 Operator : VA/SY
 Sample : N1908-01
 Misc : 4.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-8-9-3

Quant Time: Mar 16 01:01:53 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)

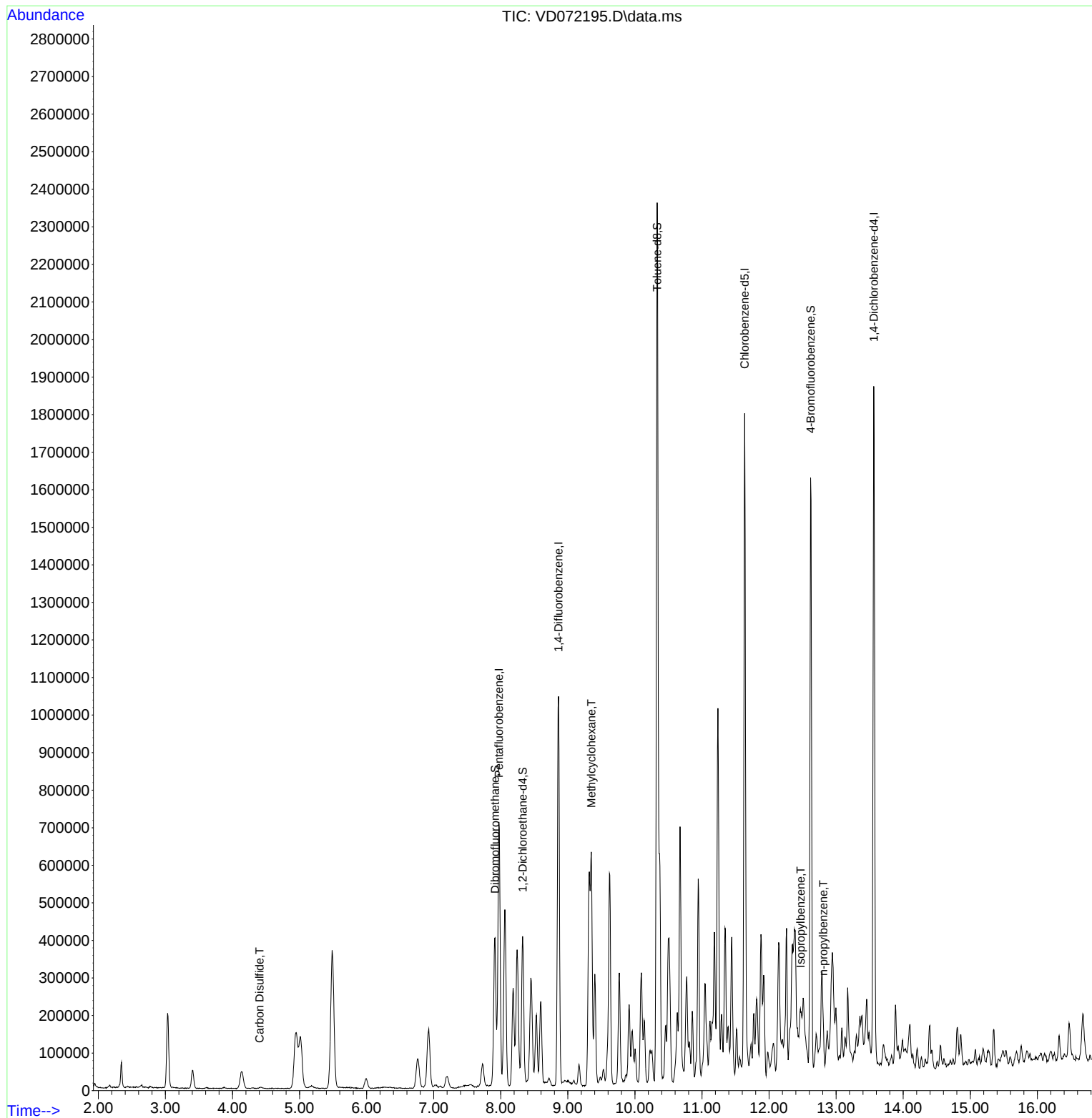
Internal Standards						
1) Pentafluorobenzene	7.973	168	505334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	921134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	987075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	491721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	308933	54.856	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.720%	
35) Dibromofluoromethane	7.914	113	289850	44.716	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.440%	
50) Toluene-d8	10.332	98	1212854	51.171	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.340%	
62) 4-Bromofluorobenzene	12.620	95	503886	54.714	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.420%	
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.403	76	5113	1.958	ug/l	98
39) Methylcyclohexane	9.349	83	264004	25.800	ug/l	94
73) Isopropylbenzene	12.473	105	48559	1.246	ug/l	98
78) n-propylbenzene	12.808	91	68846	1.455	ug/l	97

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

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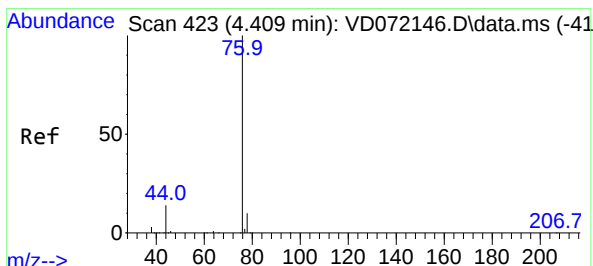
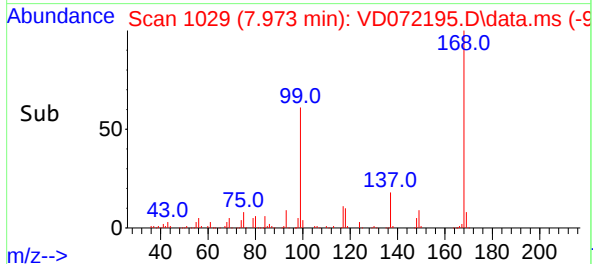
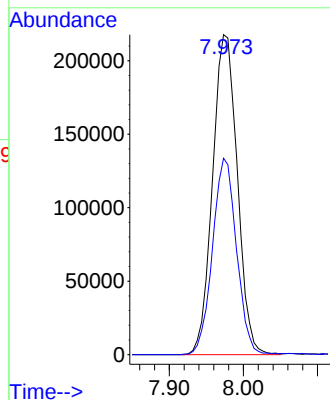
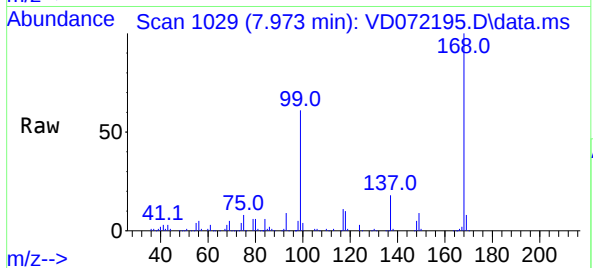




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072195.D
Acq: 15 Mar 2022 18:11

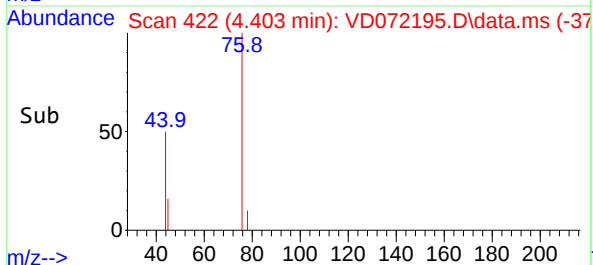
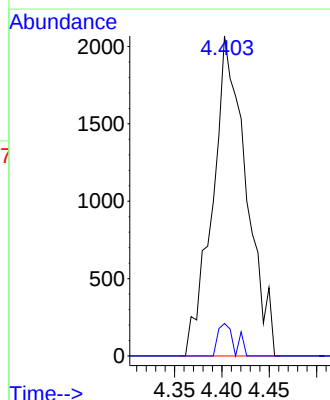
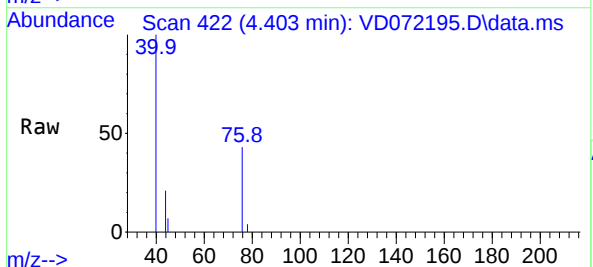
Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-3

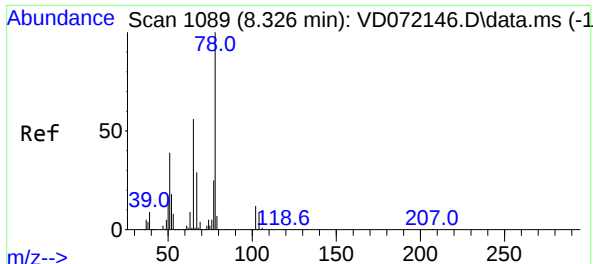
Tgt Ion:168 Resp: 505334
Ion Ratio Lower Upper
168 100
99 61.4 49.8 74.6



#17
Carbon Disulfide
Concen: 1.958 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD072195.D
Acq: 15 Mar 2022 18:11

Tgt Ion: 76 Resp: 5113
Ion Ratio Lower Upper
76 100
78 10.2 7.5 11.3





#33

1,2-Dichloroethane-d4

Concen: 54.856 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072195.D

Acq: 15 Mar 2022 18:11

Instrument :

MSVOA_D

ClientSampleId :

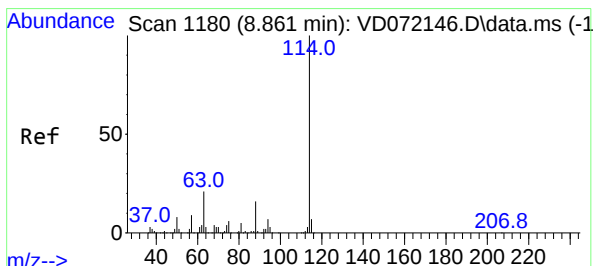
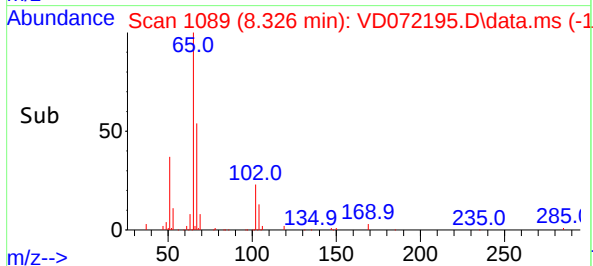
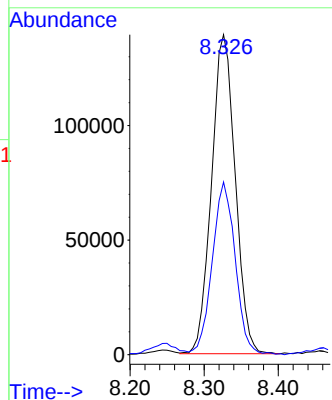
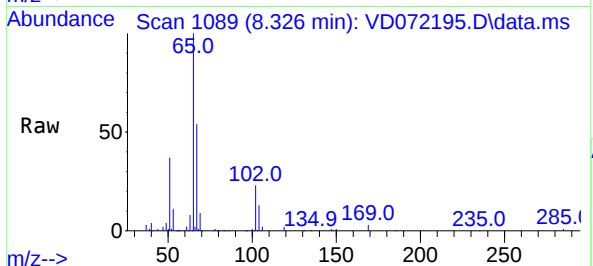
WC-8-9-3

Tgt Ion: 65 Resp: 308933

Ion Ratio Lower Upper

65 100

67 52.6 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: VD072195.D

Acq: 15 Mar 2022 18:11

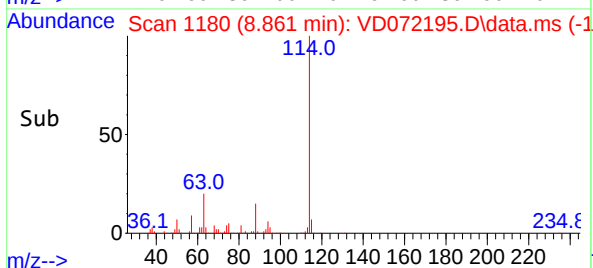
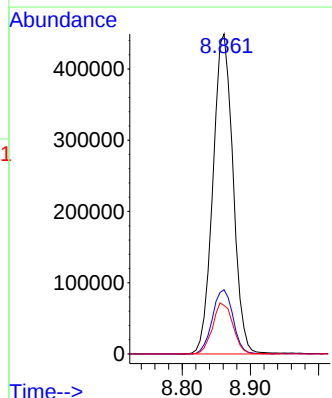
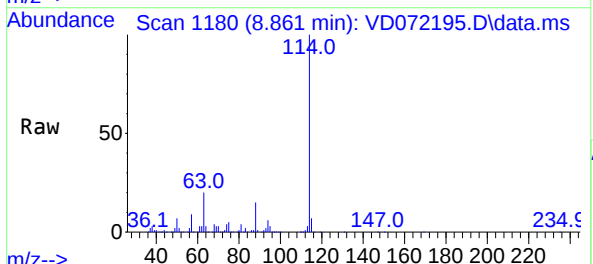
Tgt Ion: 114 Resp: 921134

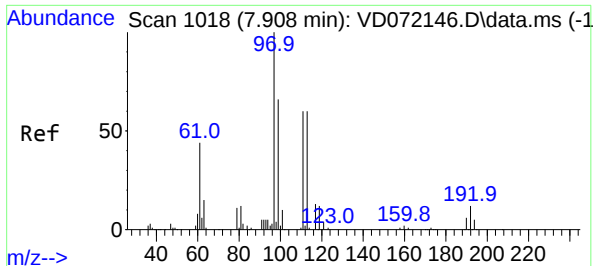
Ion Ratio Lower Upper

114 100

63 20.1 0.0 46.6

88 15.1 0.0 33.2

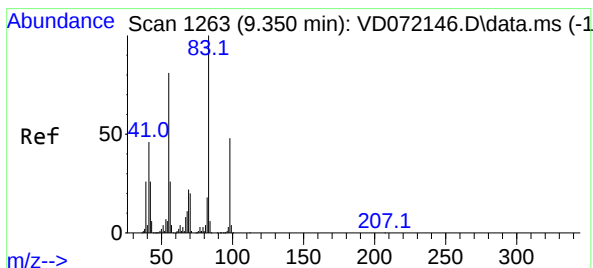
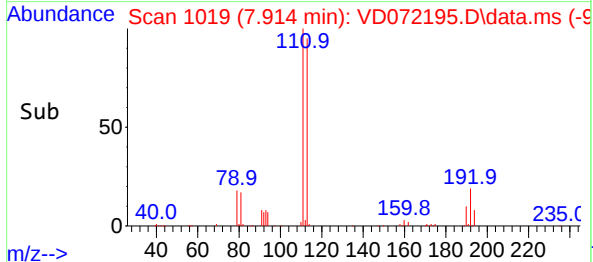
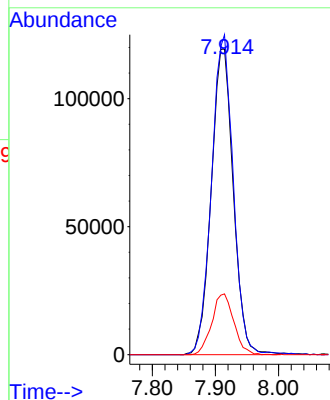
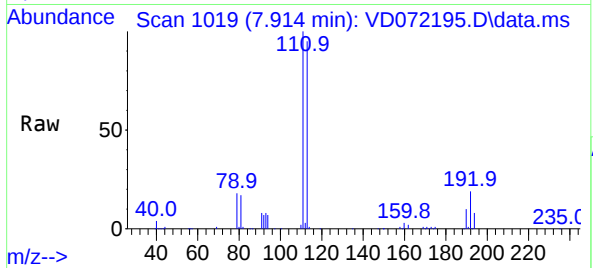




#35
Dibromofluoromethane
Concen: 44.716 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072195.D
Acq: 15 Mar 2022 18:11

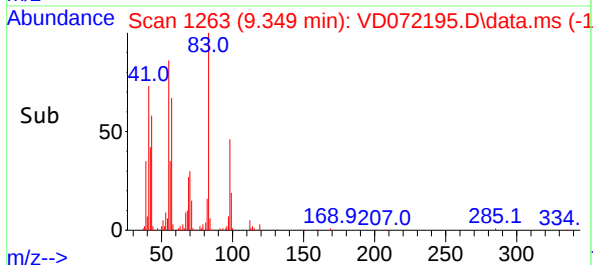
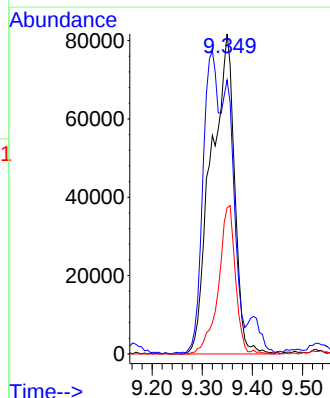
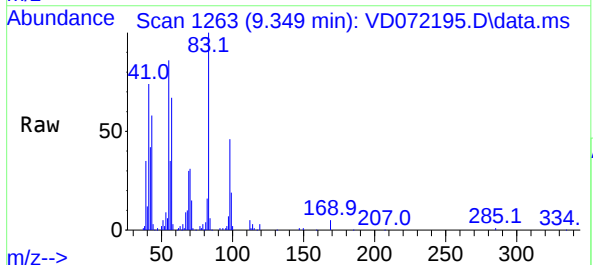
Instrument :
MSVOA_D
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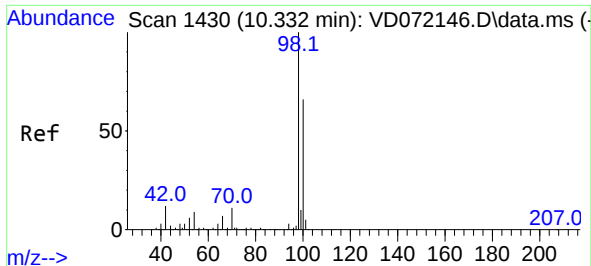
Tgt Ion:113 Resp: 289850
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.6
192 19.8 14.6 21.8



#39
Methylcyclohexane
Concen: 25.800 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VD072195.D
Acq: 15 Mar 2022 18:11

Tgt Ion: 83 Resp: 264004
Ion Ratio Lower Upper
83 100
55 85.2 63.2 94.8
98 45.7 38.2 57.4

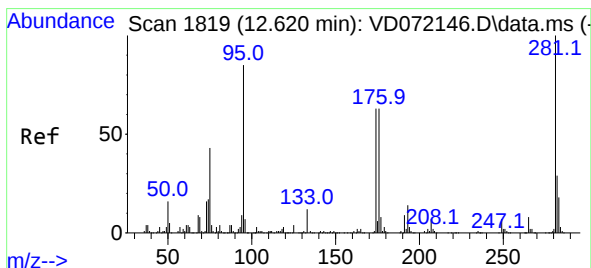
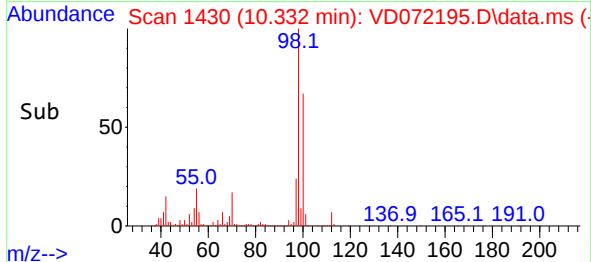
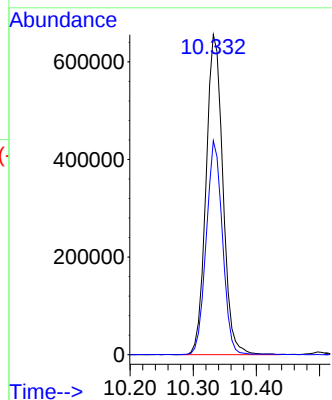
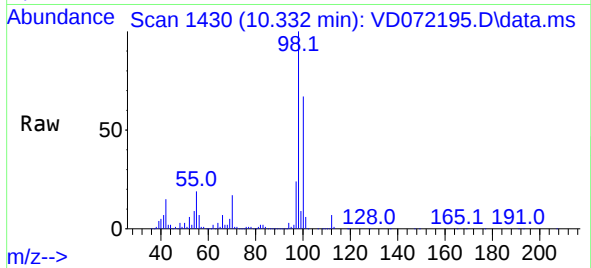




#50
Toluene-d8
Concen: 51.171 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072195.D
Acq: 15 Mar 2022 18:11

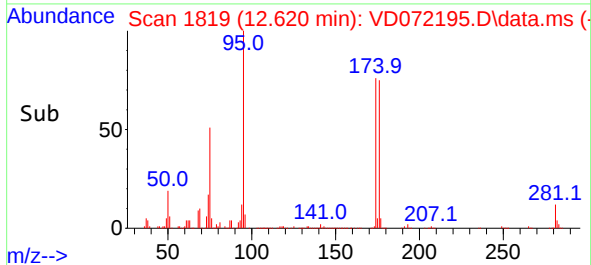
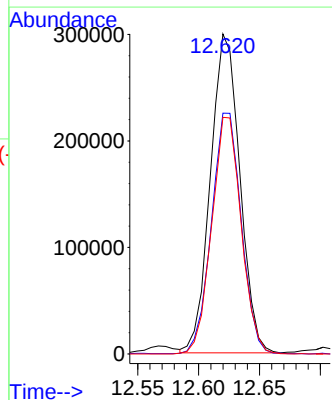
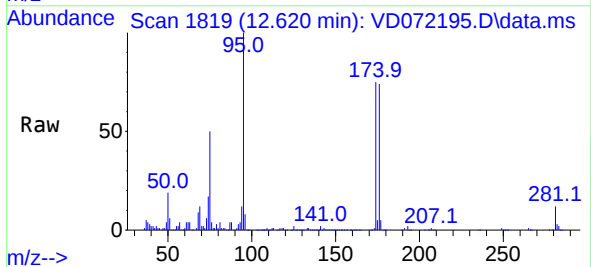
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WC-8-9-3

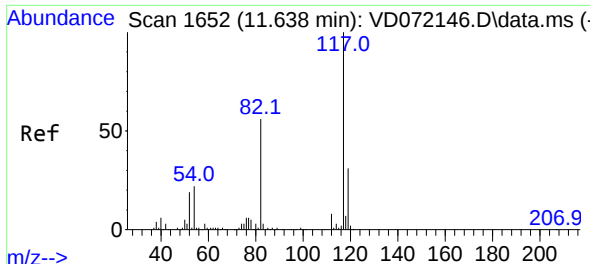
Tgt Ion: 98 Resp: 1212854
Ion Ratio Lower Upper
98 100
100 64.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.714 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072195.D
Acq: 15 Mar 2022 18:11

Tgt Ion: 95 Resp: 503886
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 74.3 0.0 145.4

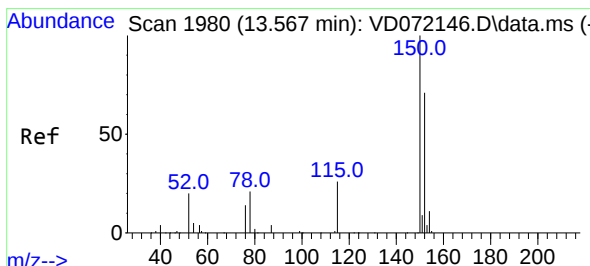
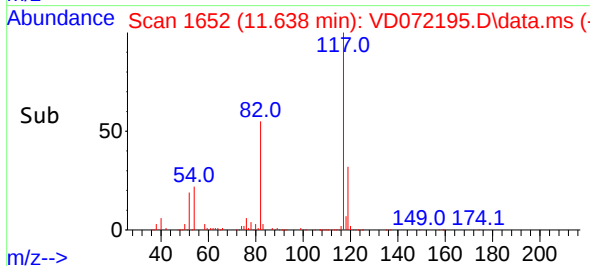
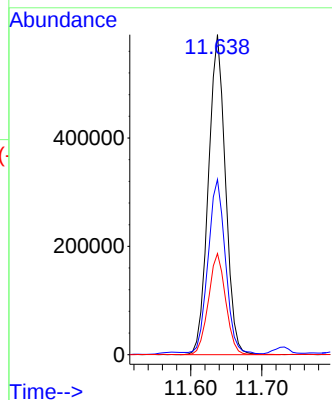
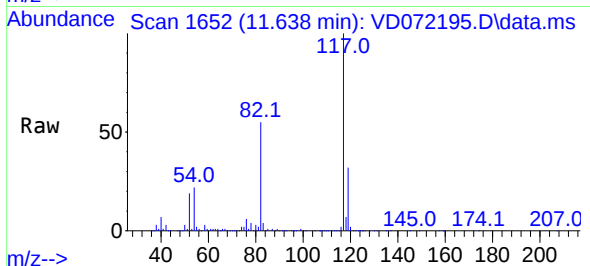




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072195.D
Acq: 15 Mar 2022 18:11

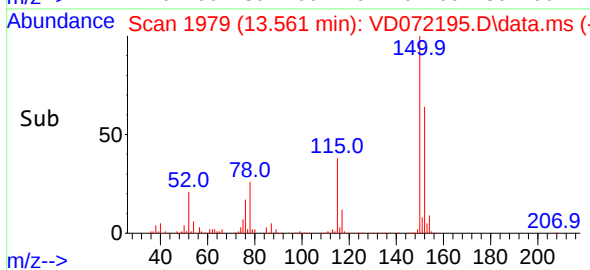
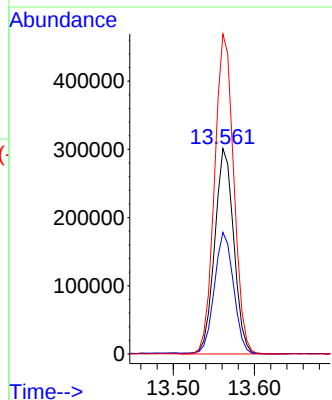
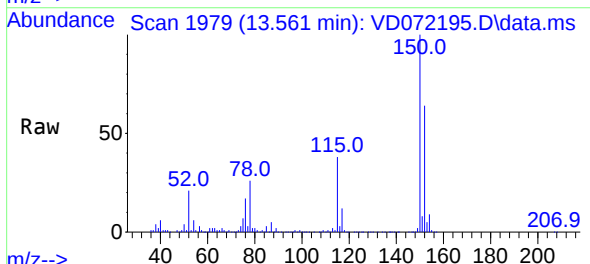
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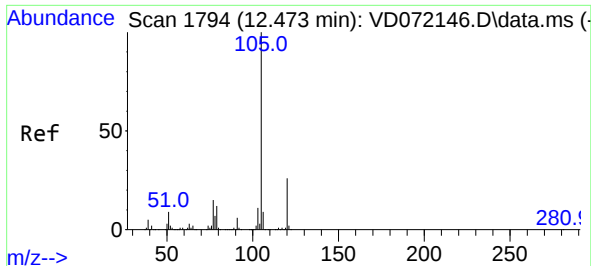
Tgt Ion:117 Resp: 987075
Ion Ratio Lower Upper
117 100
82 54.1 45.3 67.9
119 31.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072195.D
Acq: 15 Mar 2022 18:11

Tgt Ion:152 Resp: 491721
Ion Ratio Lower Upper
152 100
115 59.4 31.3 93.8
150 156.7 0.0 348.6

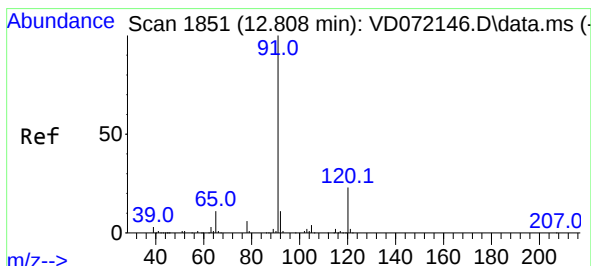
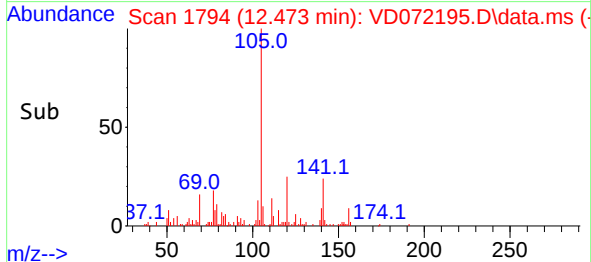
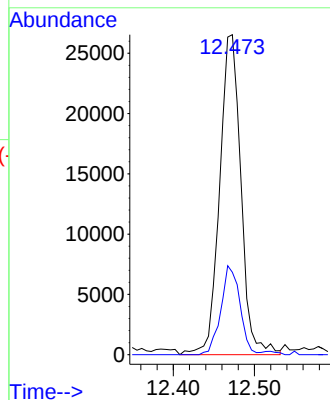
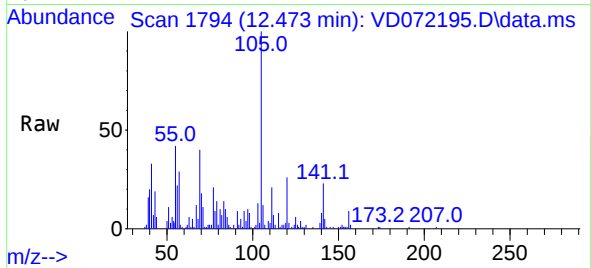




#73
Isopropylbenzene
Concen: 1.246 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD072195.D
Acq: 15 Mar 2022 18:11

Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-3

Tgt Ion:105 Resp: 48559
Ion Ratio Lower Upper
105 100
120 24.9 13.0 38.9



#78
n-propylbenzene
Concen: 1.455 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD072195.D
Acq: 15 Mar 2022 18:11

Tgt Ion: 91 Resp: 68846
Ion Ratio Lower Upper
91 100
120 23.3 10.9 32.9

