

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060921\
 Data File : VW019168.D
 Acq On : 09 Jun 2021 15:05
 Operator : SY/VA
 Sample : M2662-03
 Misc : 4.82G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGDF3

Quant Time: Jun 10 01:15:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 10 01:14:29 2021
 Response via : Initial Calibration

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

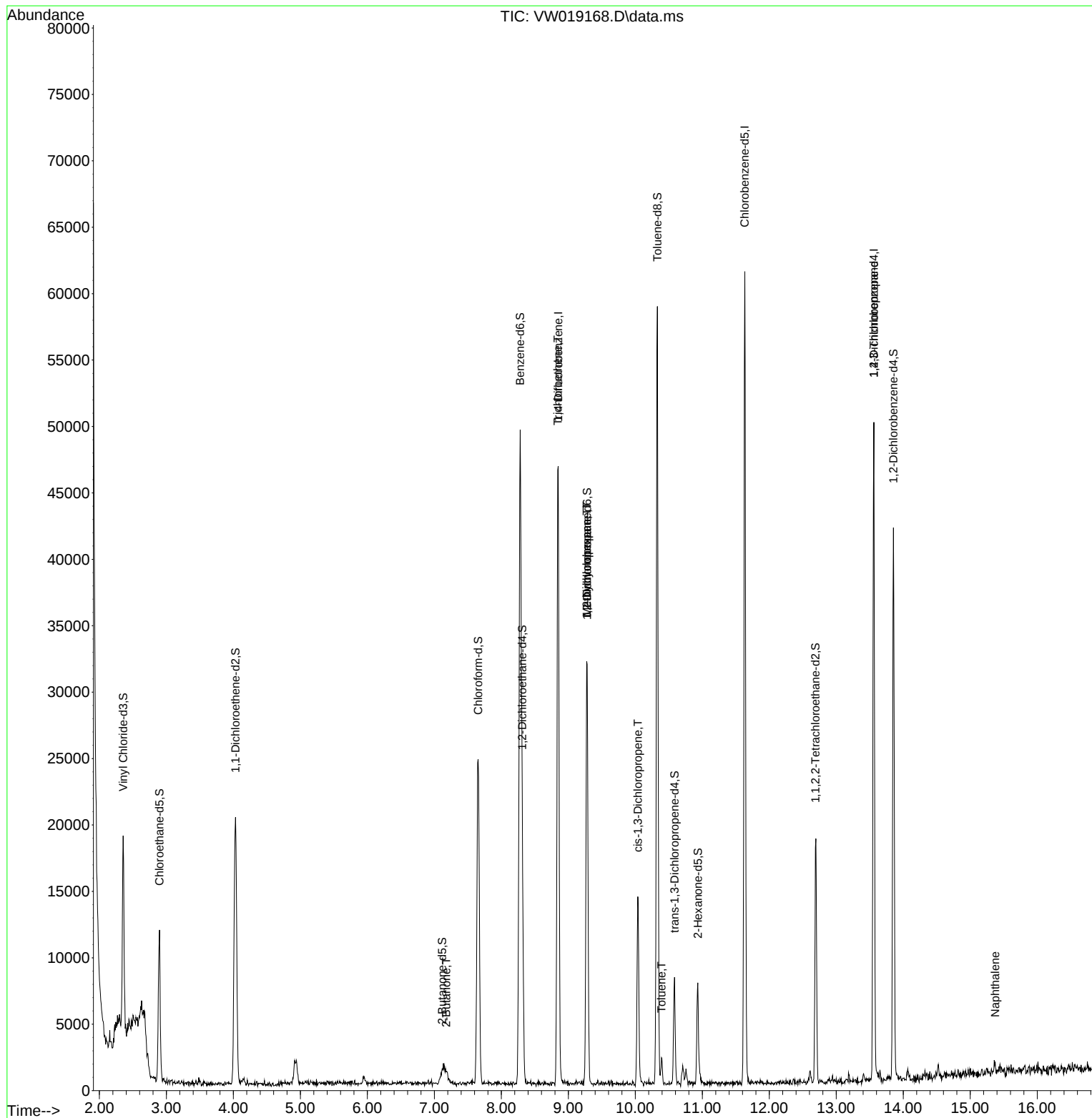
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	38297	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	32746	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	12027	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	13796	27.243	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.960%			
7) Chloroethane-d5	2.898	69	11858	27.493	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.960%			
11) 1,1-Dichloroethene-d2	4.031	63	20706	20.579	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 82.320%			
21) 2-Butanone-d5	7.116	46	344	2.593	ug/L	0.03
Spiked Amount 50.000	Range 20 - 135		Recovery = 5.180%#			
24) Chloroform-d	7.653	84	25875	25.131	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.520%			
26) 1,2-Dichloroethane-d4	8.311	65	12846	22.243	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.960%			
32) Benzene-d6	8.281	84	50298	26.960	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 107.840%			
36) 1,2-Dichloropropane-d6	9.281	67	15072	26.648	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.600%			
41) Toluene-d8	10.329	98	39029	22.779	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.120%			
43) trans-1,3-Dichloroprop...	10.585	79	4691	19.150	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 76.600%			
47) 2-Hexanone-d5	10.933	63	2607	27.181	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 54.360%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	9110	19.526	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 78.120%			
66) 1,2-Dichlorobenzene-d4	13.853	152	10427	24.839	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.360%			
Target Compounds					Qvalue	
22) 2-Butanone	7.177	43	926	5.892	ug/L #	54
34) Trichloroethene	8.842	95	1328	2.365	ug/L #	5
35) Methylcyclohexane	9.274	83	3793	3.926	ug/L #	19
37) 1,2-Dichloropropane	9.274	63	1657	3.132	ug/L #	85
39) cis-1,3-Dichloropropene	10.037	75	457	0.557	ug/L #	63
42) Toluene	10.390	91	1316	0.568	ug/L	97
61) 1,2,3-Trichloropropane	13.560	75	1964	7.299	ug/L #	62
71) Naphthalene	15.371	128	497	0.535	ug/L #	69

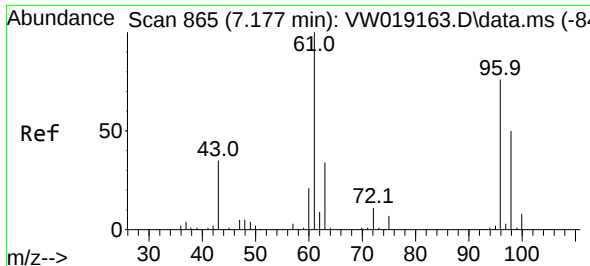
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

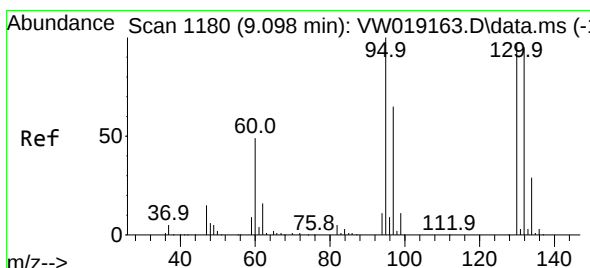
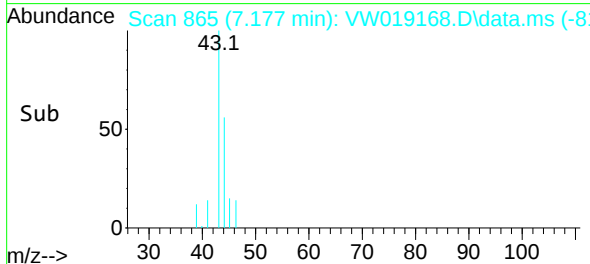
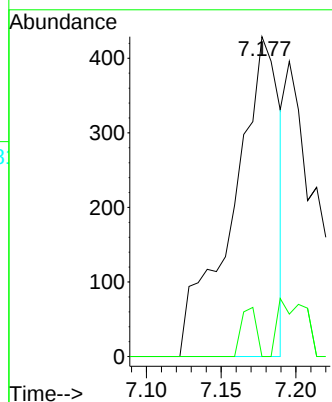
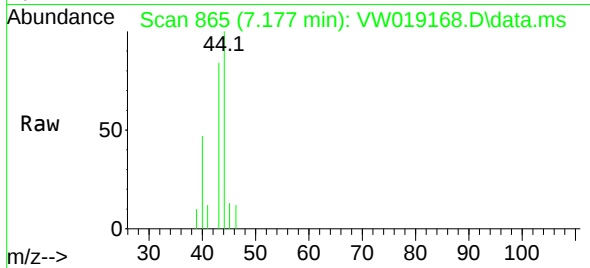




#22
2-Butanone
Concen: 5.892 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW019168.D
Acq: 09 Jun 2021 15:05

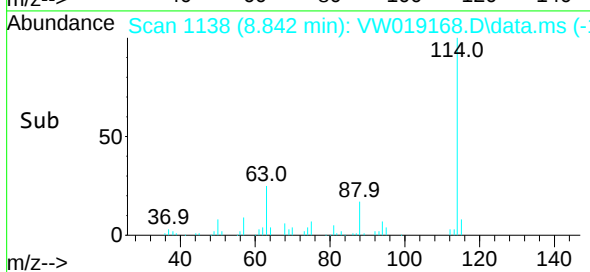
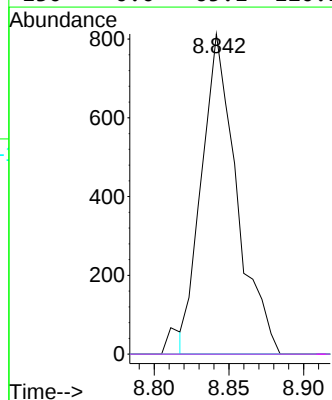
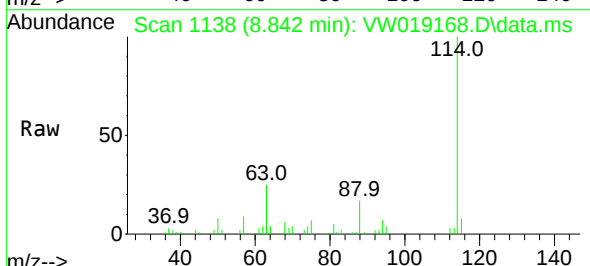
Instrument :
MSVOA_W
ClientSampled :
BGDF3

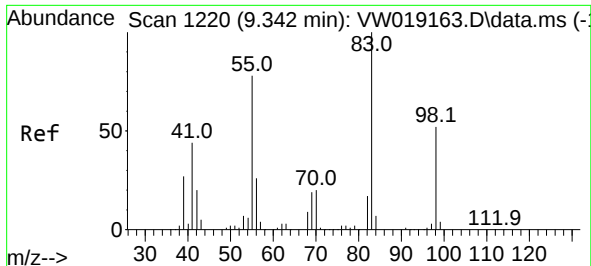
Tgt Ion: 43 Resp: 926
Ion Ratio Lower Upper
43 100
72 5.0 14.9 44.7#



#34
Trichloroethene
Concen: 2.365 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.256 min
Lab File: VW019168.D
Acq: 09 Jun 2021 15:05

Tgt Ion: 95 Resp: 1328
Ion Ratio Lower Upper
95 100
97 0.0 47.3 87.8#
132 0.0 71.0 131.8#
130 0.0 65.1 120.9#

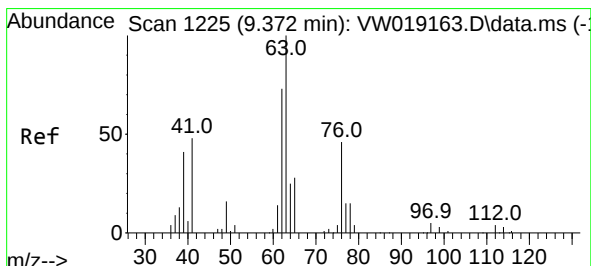
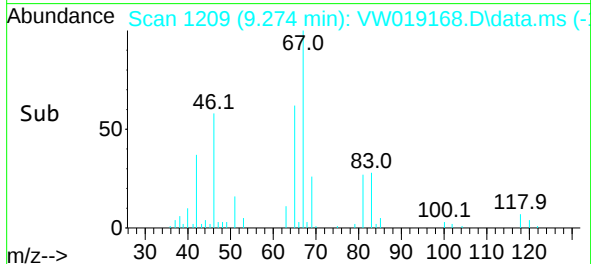
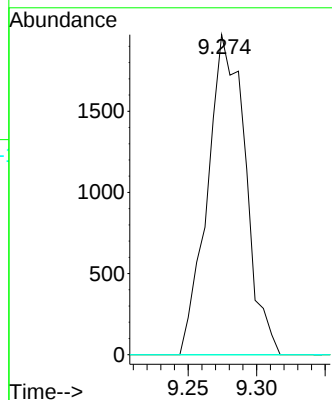
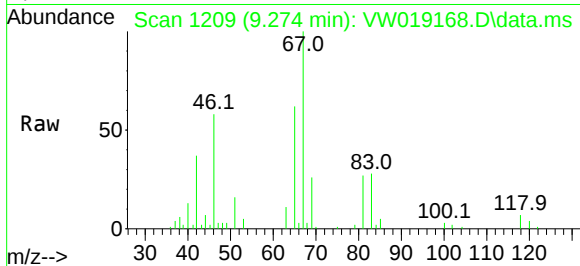




#35
Methylcyclohexane
Concen: 3.926 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.067 min
Lab File: VW019168.D
Acq: 09 Jun 2021 15:05

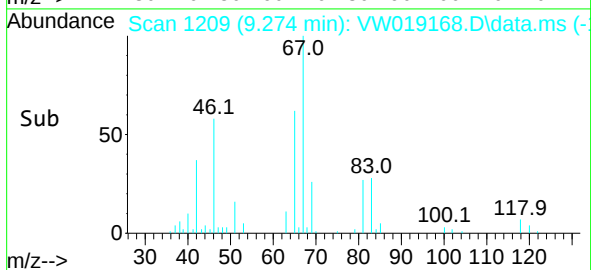
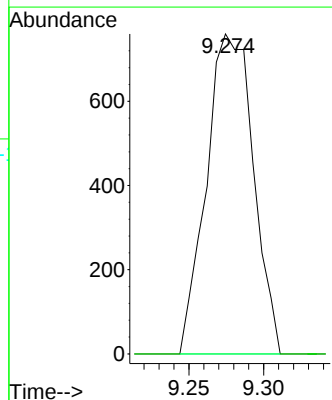
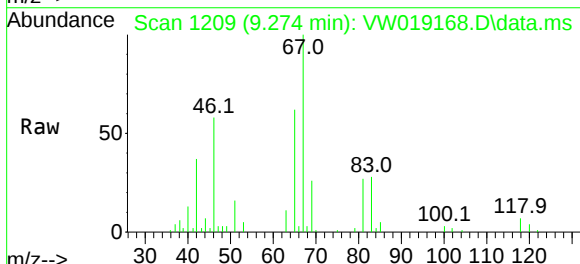
Instrument :
MSVOA_W
ClientSampleId :
BGDF3

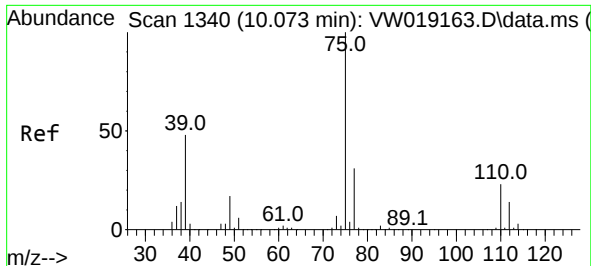
Tgt Ion: 83 Resp: 3793
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 0.0 40.1 60.1#



#37
1,2-Dichloropropane
Concen: 3.132 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW019168.D
Acq: 09 Jun 2021 15:05

Tgt Ion: 63 Resp: 1657
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#

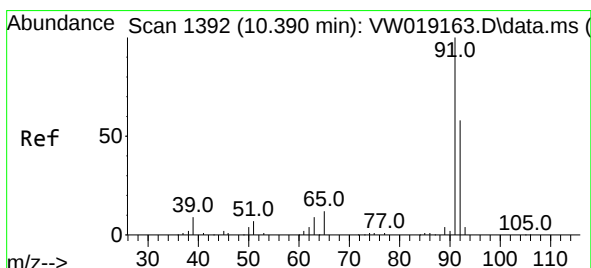
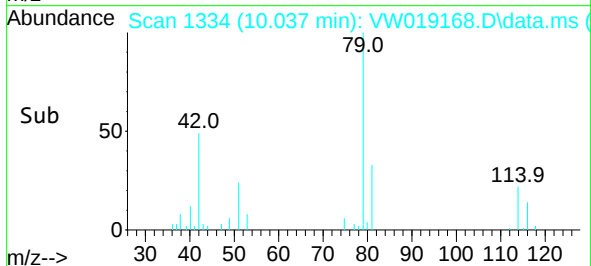
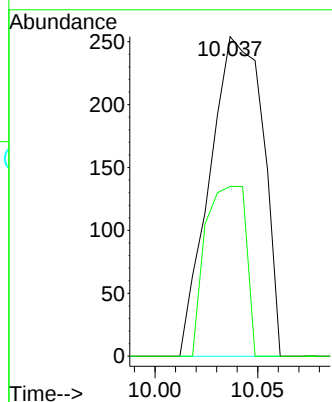
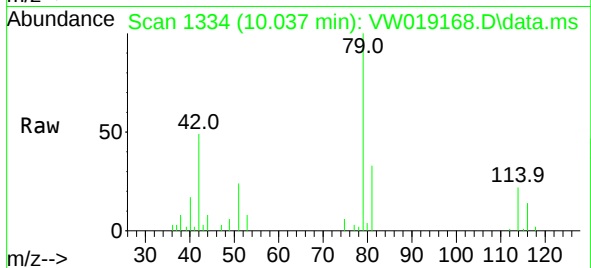




#39
 cis-1,3-Dichloropropene
 Concen: 0.557 ug/L
 RT: 10.037 min Scan# 1334
 Delta R.T. -0.037 min
 Lab File: VW019168.D
 Acq: 09 Jun 2021 15:05

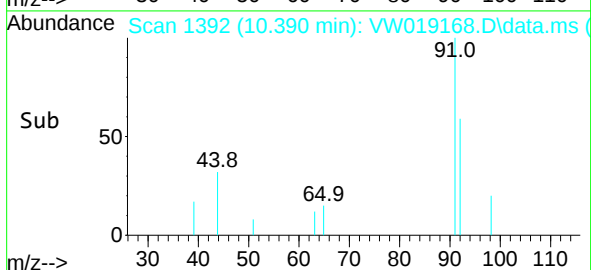
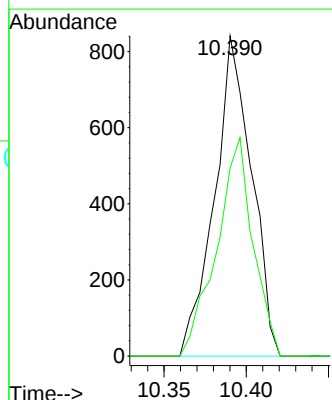
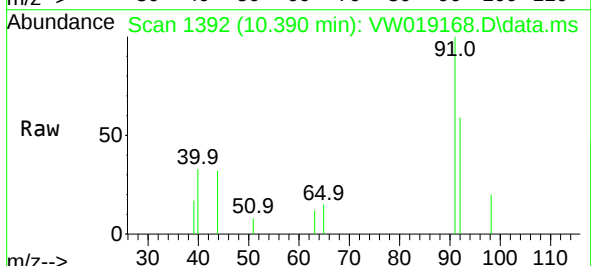
Instrument :
 MSVOA_W
 ClientSampleId :
 BGDF3

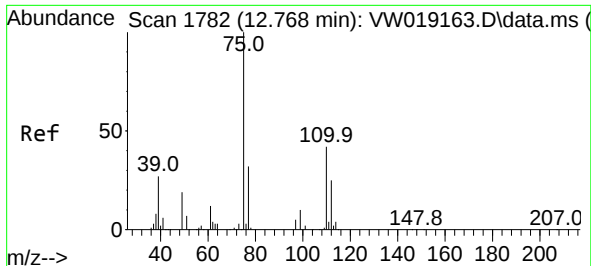
Tgt Ion: 75 Resp: 457
 Ion Ratio Lower Upper
 75 100
 77 53.1 22.6 42.0#



#42
 Toluene
 Concen: 0.568 ug/L
 RT: 10.390 min Scan# 1392
 Delta R.T. 0.000 min
 Lab File: VW019168.D
 Acq: 09 Jun 2021 15:05

Tgt Ion: 91 Resp: 1316
 Ion Ratio Lower Upper
 91 100
 92 58.7 39.5 73.3

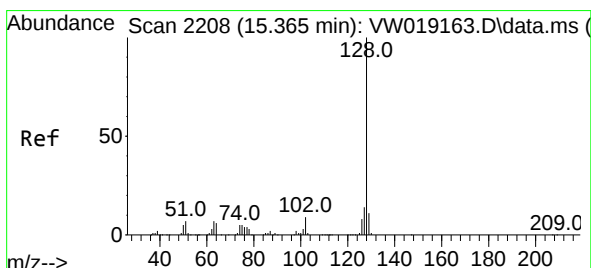
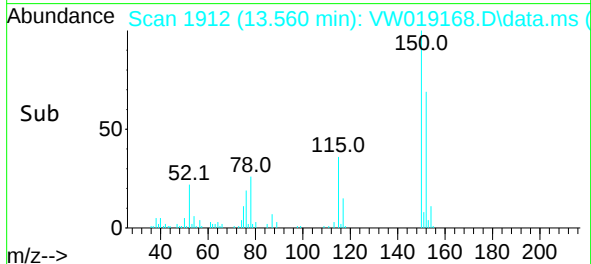
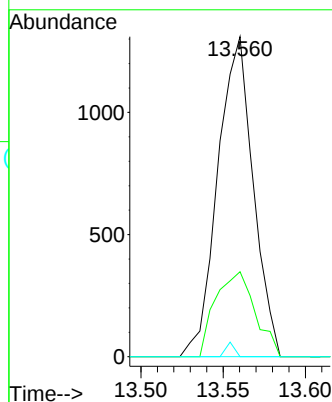
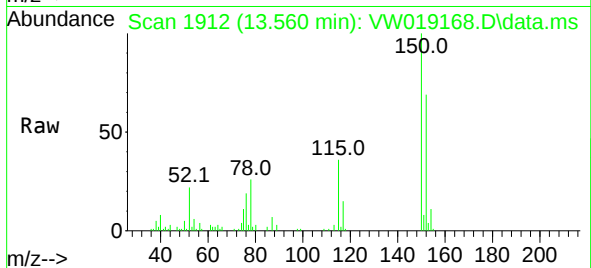




#61
1,2,3-Trichloropropane
Concen: 7.299 ug/L
RT: 13.560 min Scan# 1912
Delta R.T. 0.793 min
Lab File: VW019168.D
Acq: 09 Jun 2021 15:05

Instrument :
MSVOA_W
ClientSampled :
BGDF3

Tgt Ion: 75 Resp: 1964
Ion Ratio Lower Upper
75 100
77 29.6 25.3 37.9
110 0.0 32.6 48.8#



#71
Naphthalene
Concen: 0.535 ug/L
RT: 15.371 min Scan# 2209
Delta R.T. 0.006 min
Lab File: VW019168.D
Acq: 09 Jun 2021 15:05

Tgt Ion: 128 Resp: 497
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 9.0 13.6#

