

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
 Data File : VW018688.D
 Acq On : 20 Apr 2021 14:00
 Operator : SY/VA
 Sample : M2065-09
 Misc : 5.03G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG562

Quant Time: Apr 21 01:28:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 21 01:26:40 2021
 Response via : Initial Calibration

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

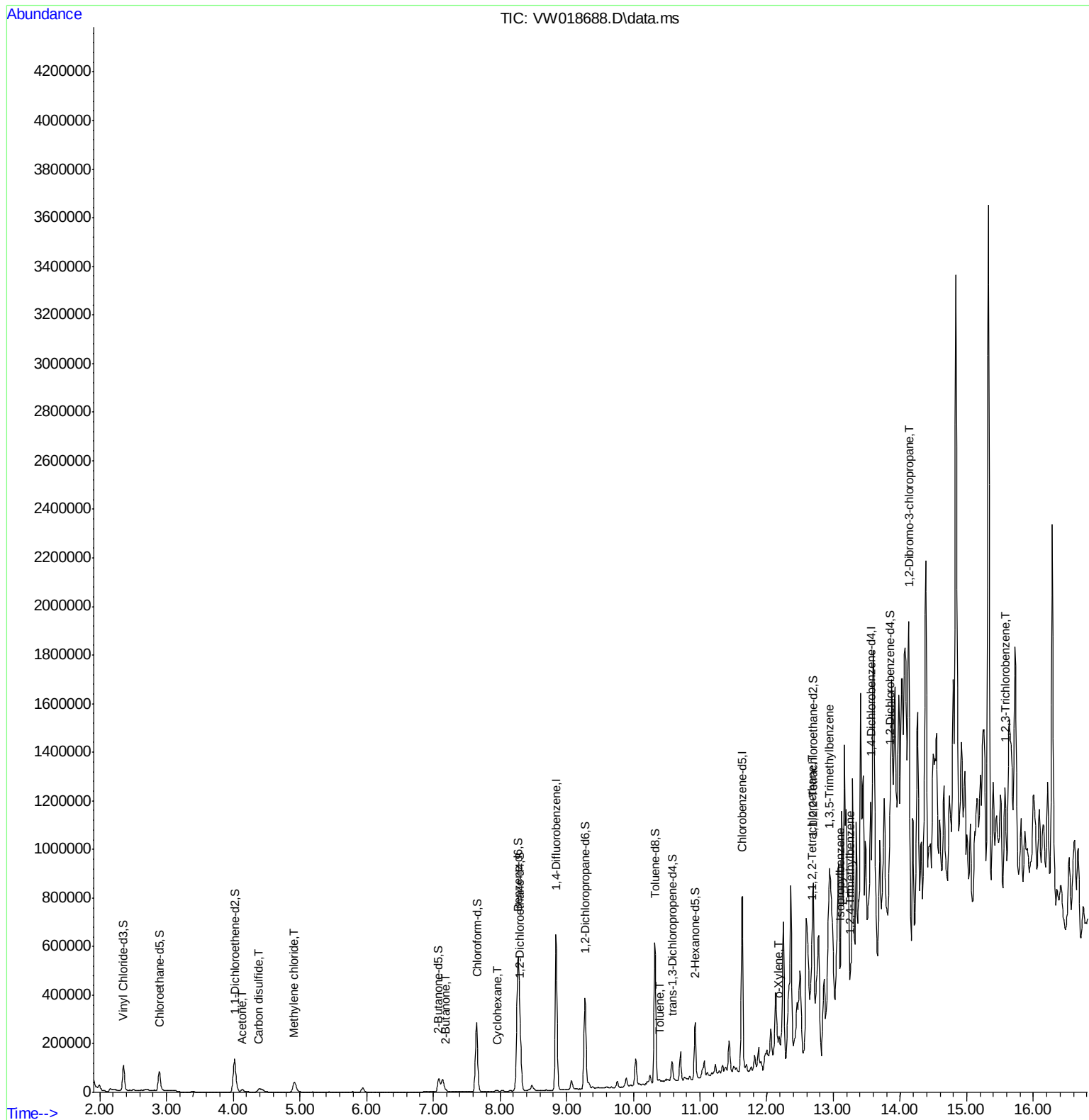
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	524893	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	390949	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	128958	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	116274	14.58	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	58.32%		
7) Chloroethane-d5	2.892	69	105061	14.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	59.44%		
11) 1,1-Dichloroethene-d2	4.019	63	144172	10.41	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	41.64%#		
21) 2-Butanone-d5	7.080	46	95656	52.68	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.36%		
24) Chloroform-d	7.653	84	291090	20.21	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	80.84%		
26) 1,2-Dichloroethane-d4	8.305	65	170119	21.01	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.04%		
32) Benzene-d6	8.275	84	491743	21.44	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	85.76%		
36) 1,2-Dichloropropane-d6	9.274	67	174485	25.25	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	101.00%		
41) Toluene-d8	10.323	98	373292	17.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	71.20%		
43) trans-1,3-Dichloroprop...	10.579	79	45502	15.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	61.84%		
47) 2-Hexanone-d5	10.927	63	79939	66.52	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	133.04%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	141511	24.52	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	98.08%		
66) 1,2-Dichlorobenzene-d4	13.853	152	88033	19.43	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	77.72%		
Target Compounds					Qvalue	
13) Acetone	4.135	43	19288	14.63	ug/L	90
14) Carbon disulfide	4.385	76	28658	1.40	ug/L	99
16) Methylene chloride	4.916	84	35069	4.08	ug/L	92
22) 2-Butanone	7.183	43	5858	2.93	ug/L	94
29) Cyclohexane	7.958	56	2718	0.28	ug/L #	76
42) Toluene	10.390	91	8113	0.31	ug/L	98
54) o-Xylene	12.170	106	4213	0.41	ug/L	83
57) 1,1,2,2-Tetrachloroethane	12.676	83	9972	1.74	ug/L #	57
60) Isopropylbenzene	13.103	105	19488	1.03	ug/L	95
62) 1,3,5-Trimethylbenzene	12.938	105	6489	0.41	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	5843	0.37	ug/L	88
68) 1,2-Dibromo-3-chloropr...	14.133	75	1063	1.74	ug/L #	1
72) 1,2,3-Trichlorobenzene	15.572	180	6623	1.61	ug/L #	91

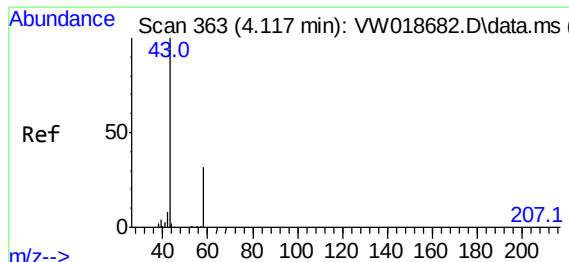
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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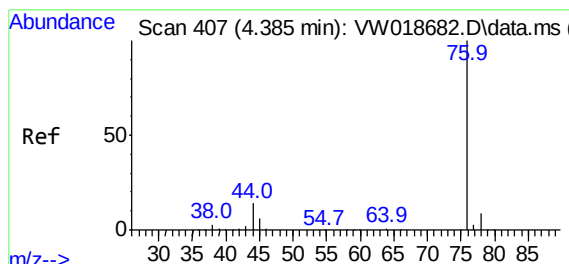
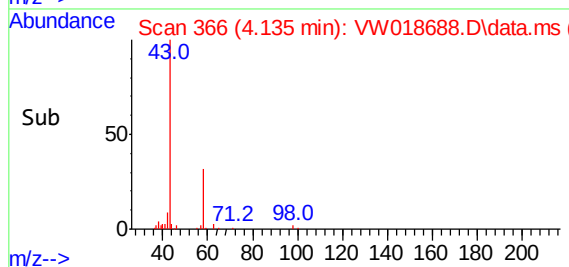
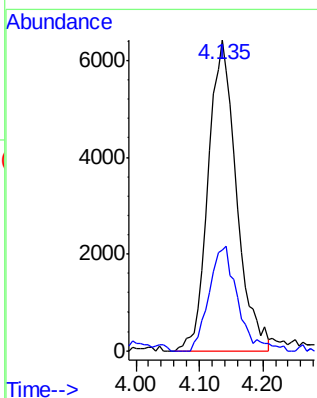
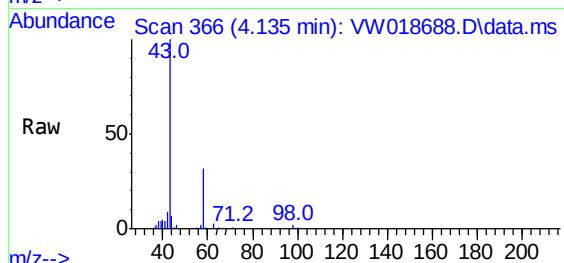




#13
Acetone
Concen: 14.63 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.019 min
Lab File: VW018688.D
Acq: 20 Apr 2021 14:00

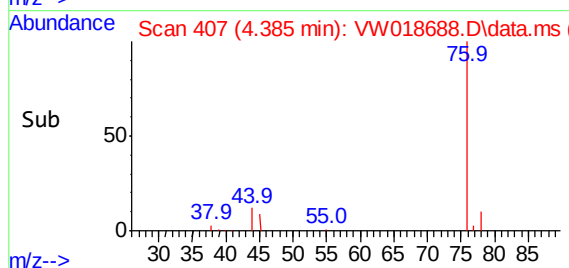
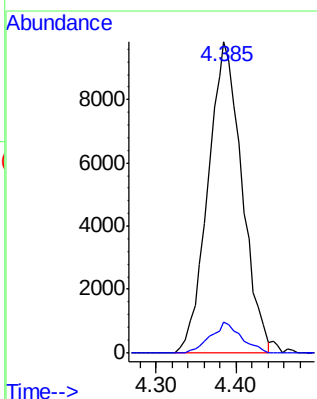
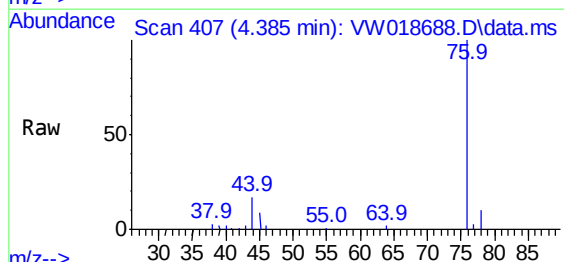
Instrument :
MSVOA_W
ClientSampleId :
BG562

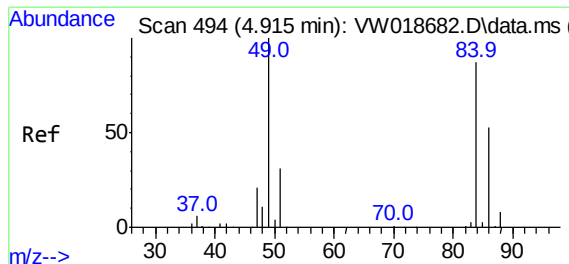
Tgt Ion: 43 Resp: 19288
Ion Ratio Lower Upper
43 100
58 32.0 0.0 53.8



#14
Carbon disulfide
Concen: 1.40 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018688.D
Acq: 20 Apr 2021 14:00

Tgt Ion: 76 Resp: 28658
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



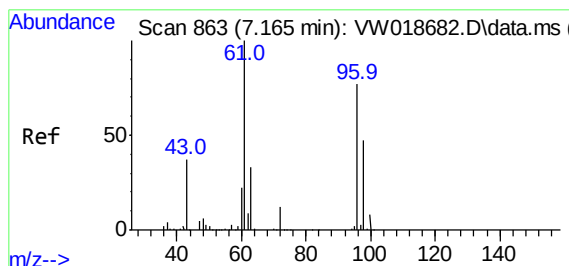
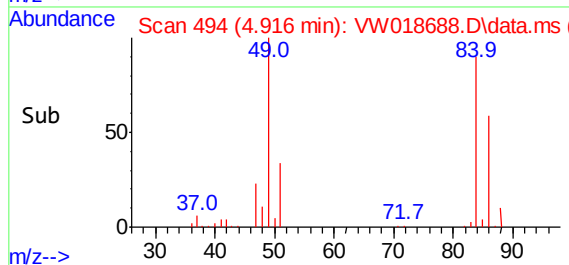
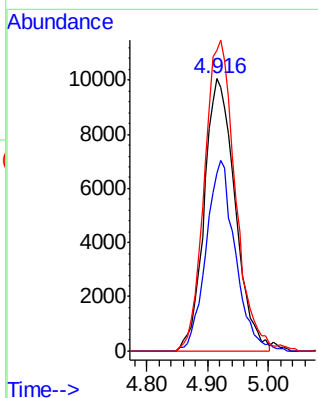
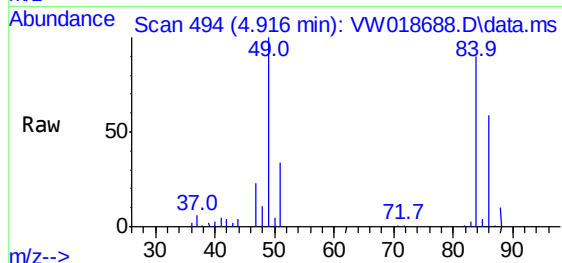


#16
Methylene chloride
Concen: 4.08 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018688.D
Acq: 20 Apr 2021 14:00

Instrument :
MSVOA_W
ClientSampled :
BG562

Tgt Ion: 84 Resp: 35069

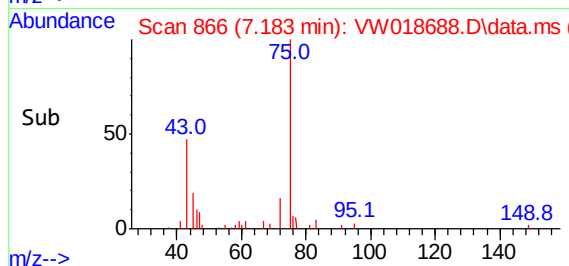
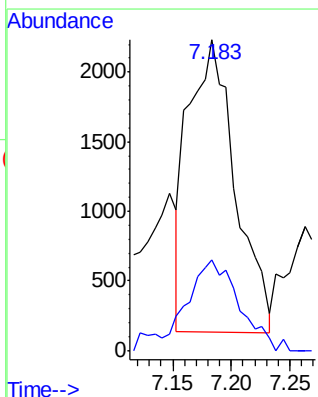
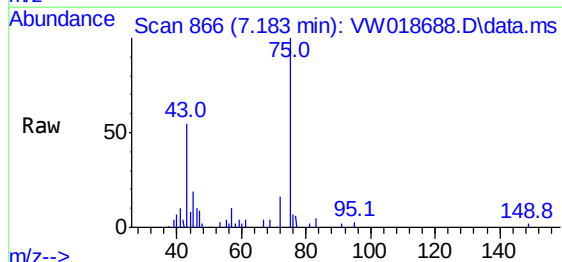
Ion	Ratio	Lower	Upper
84	100		
86	65.6	45.3	84.1
49	110.7	86.6	160.8

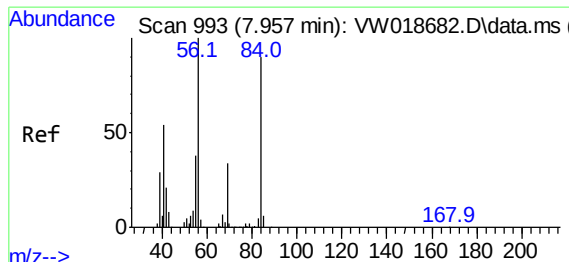


#22
2-Butanone
Concen: 2.93 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.019 min
Lab File: VW018688.D
Acq: 20 Apr 2021 14:00

Tgt Ion: 43 Resp: 5858

Ion	Ratio	Lower	Upper
43	100		
72	33.1	14.9	44.7

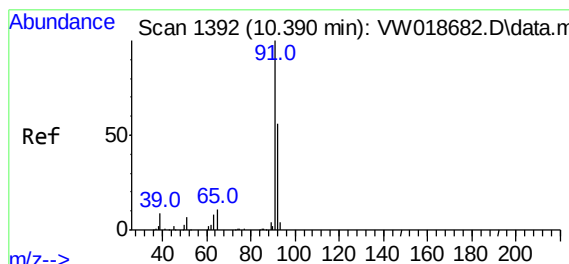
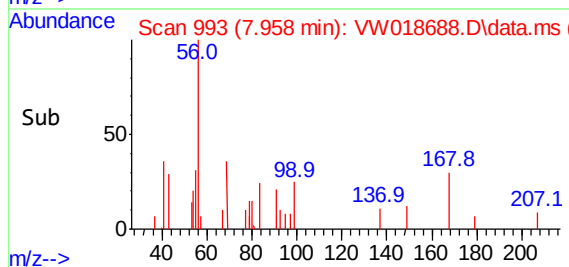
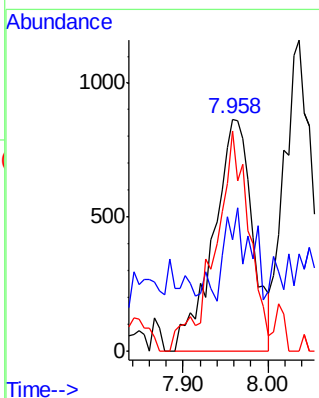
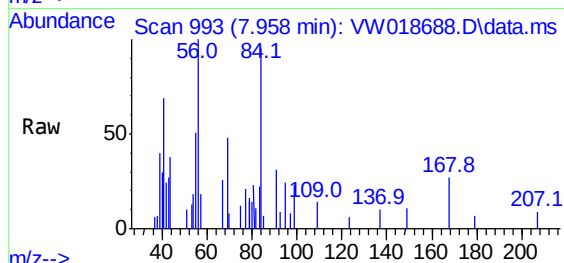




#29
Cyclohexane
Concen: 0.28 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW018688.D
Acq: 20 Apr 2021 14:00

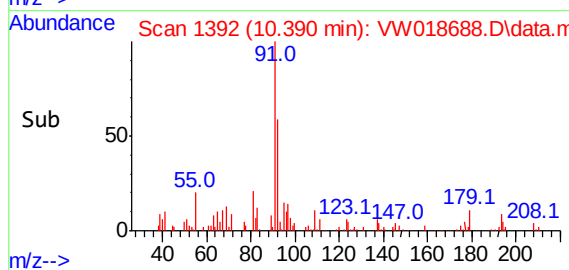
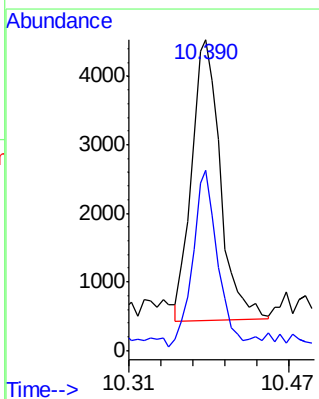
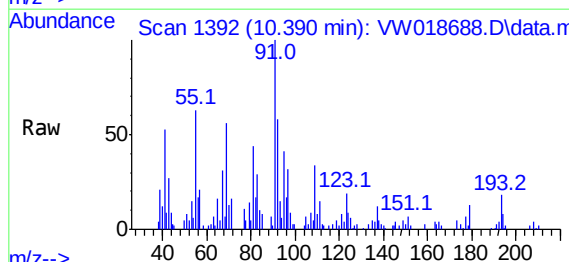
Instrument :
MSVOA_W
ClientSampleId :
BG562

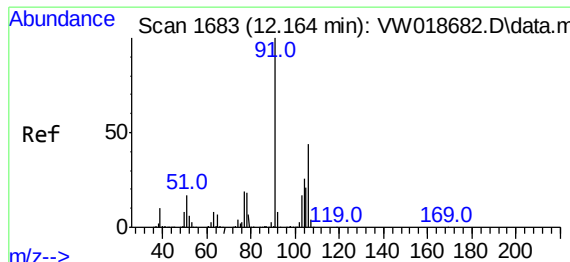
Tgt Ion: 56 Resp: 2718
Ion Ratio Lower Upper
56 100
69 16.2 24.5 36.7#
84 71.4 75.0 112.4#



#42
Toluene
Concen: 0.31 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018688.D
Acq: 20 Apr 2021 14:00

Tgt Ion: 91 Resp: 8113
Ion Ratio Lower Upper
91 100
92 57.9 39.5 73.3

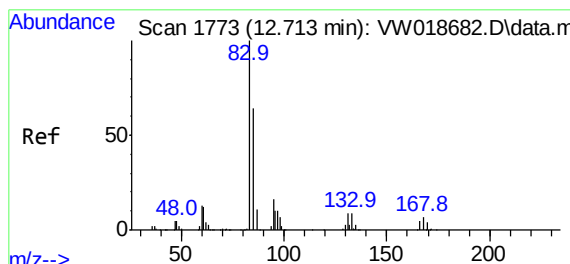
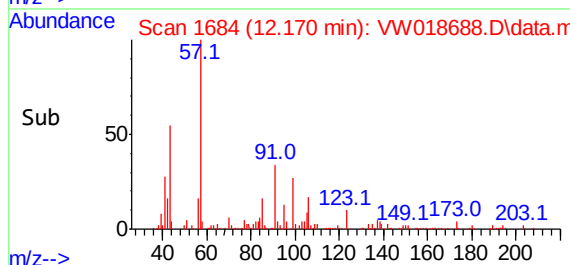
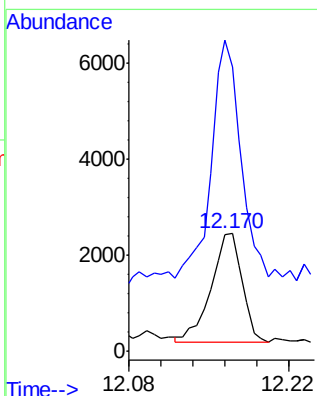
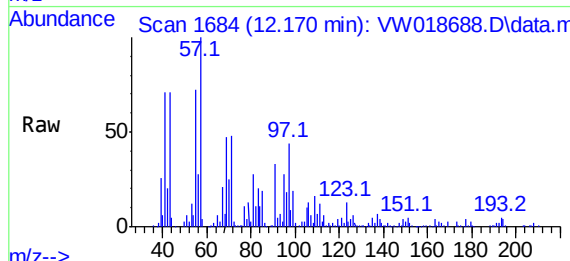




#54
o-Xylene
Concen: 0.41 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW018688.D
Acq: 20 Apr 2021 14:00

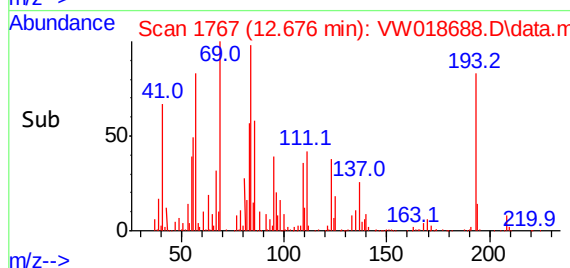
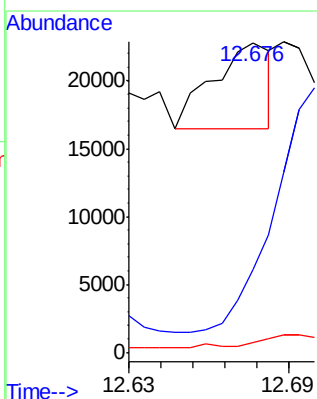
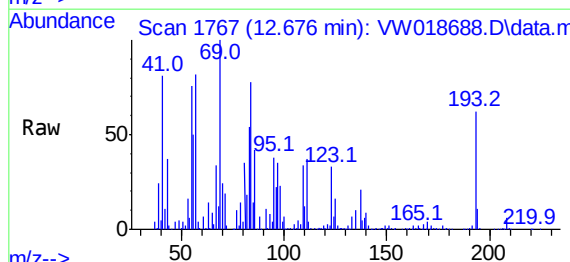
Instrument :
MSVOA_W
ClientSampled :
BG562

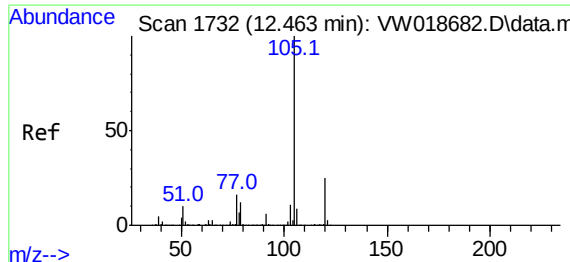
Tgt Ion:106 Resp: 4213
Ion Ratio Lower Upper
106 100
91 242.0 150.0 278.6



#57
1,1,2,2-Tetrachloroethane
Concen: 1.74 ug/L
RT: 12.676 min Scan# 1767
Delta R.T. -0.036 min
Lab File: VW018688.D
Acq: 20 Apr 2021 14:00

Tgt Ion: 83 Resp: 9972
Ion Ratio Lower Upper
83 100
85 26.6 44.4 82.4#
131 3.2 8.2 12.4#

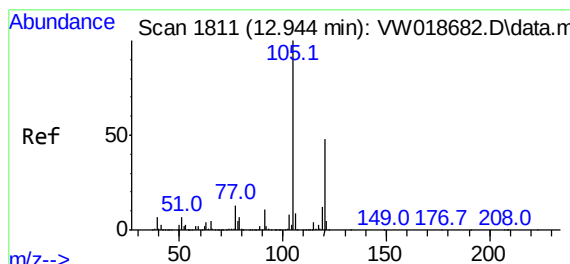
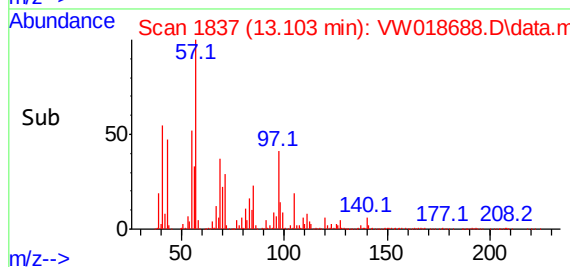
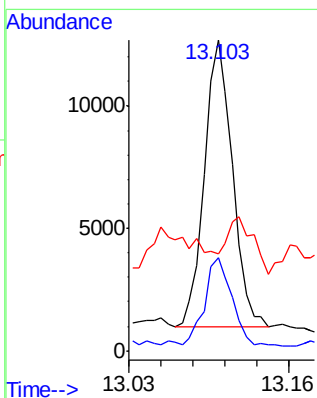
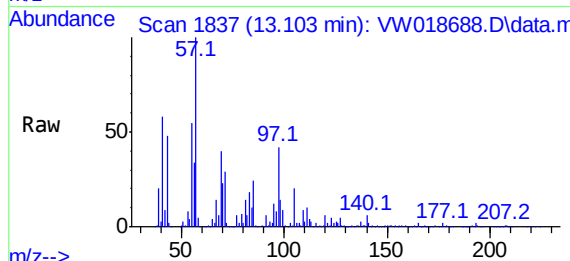




#60
Isopropylbenzene
Concen: 1.03 ug/L
RT: 13.103 min Scan# 1837
Delta R.T. 0.641 min
Lab File: VW018688.D
Acq: 20 Apr 2021 14:00

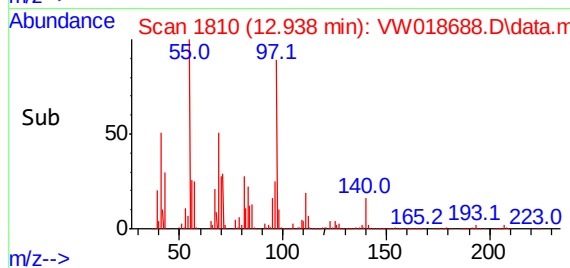
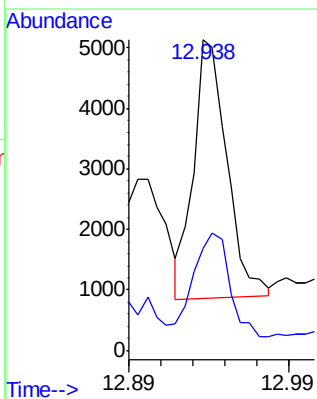
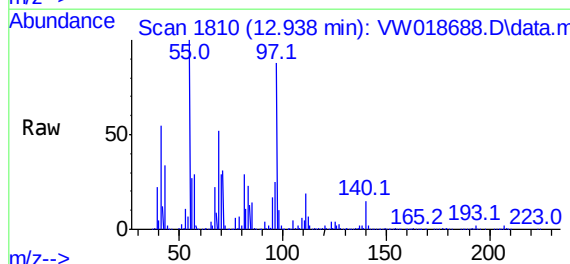
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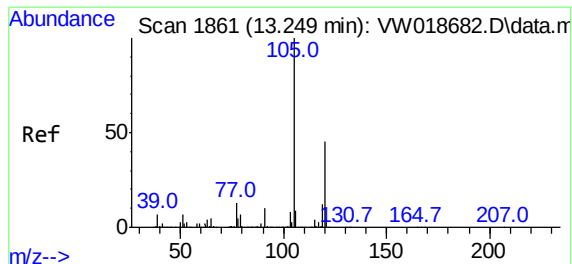
Tgt Ion:	105	Resp:	19488
Ion	Ratio	Lower	Upper
105	100		
120	28.9	21.1	31.7
77	18.3	13.2	19.8



#62
1,3,5-Trimethylbenzene
Concen: 0.41 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW018688.D
Acq: 20 Apr 2021 14:00

Tgt Ion:	105	Resp:	6489
Ion	Ratio	Lower	Upper
105	100		
120	43.4	39.0	58.6

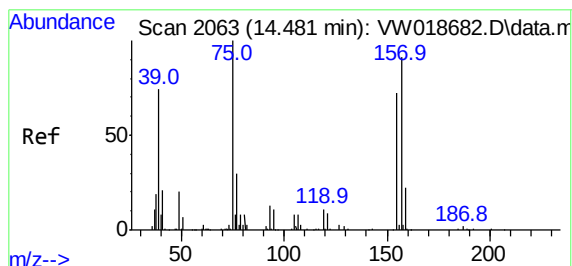
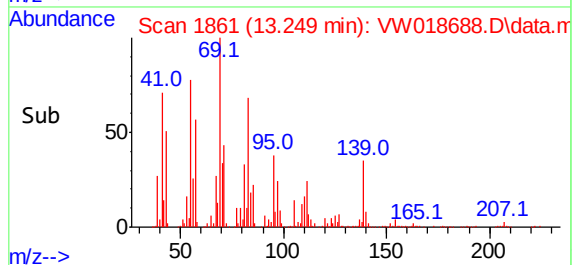
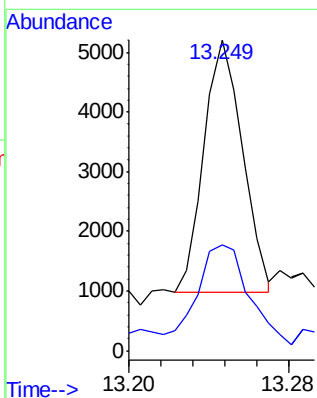
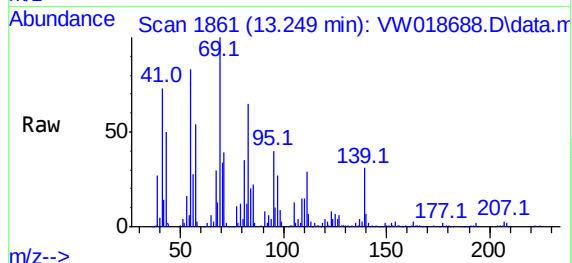




#63
1,2,4-Trimethylbenzene
Concen: 0.37 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018688.D
Acq: 20 Apr 2021 14:00

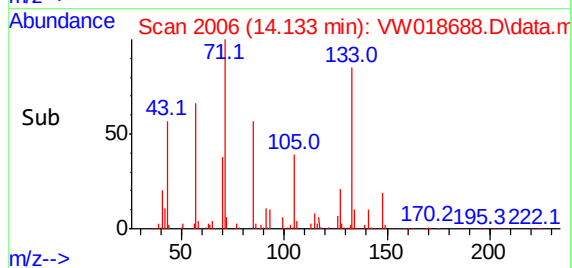
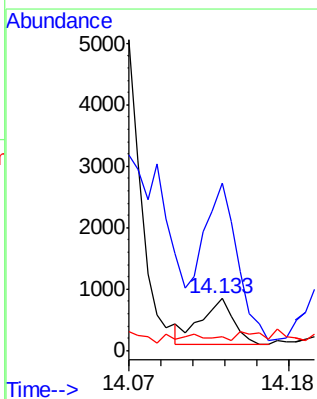
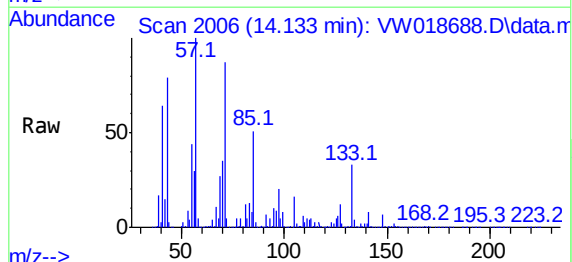
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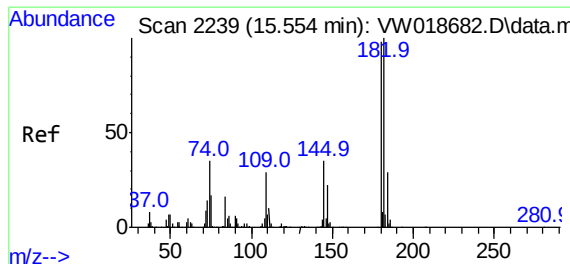
Tgt Ion: 105 Resp: 5843
Ion Ratio Lower Upper
105 100
120 52.3 35.6 53.4



#68
1,2-Dibromo-3-chloropropane
Concen: 1.74 ug/L
RT: 14.133 min Scan# 2006
Delta R.T. -0.347 min
Lab File: VW018688.D
Acq: 20 Apr 2021 14:00

Tgt Ion: 75 Resp: 1063
Ion Ratio Lower Upper
75 100
155 324.1 59.4 89.0#
157 27.5 72.2 108.2#





#72
 1,2,3-Trichlorobenzene
 Concen: 1.61 ug/L
 RT: 15.572 min Scan# 2242
 Delta R.T. 0.019 min
 Lab File: VW018688.D
 Acq: 20 Apr 2021 14:00

Instrument :
 MSVOA_W
 ClientSampleId :
 BG562

Tgt Ion:180 Resp: 6623

Ion	Ratio	Lower	Upper
180	100		
182	92.8	76.7	115.1
145	21.0	28.9	43.3

