

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
 Data File : VW018691.D
 Acq On : 20 Apr 2021 15:12
 Operator : SY/VA
 Sample : M2065-12
 Misc : 3.39G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG565

Quant Time: Apr 21 01:29:39 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)

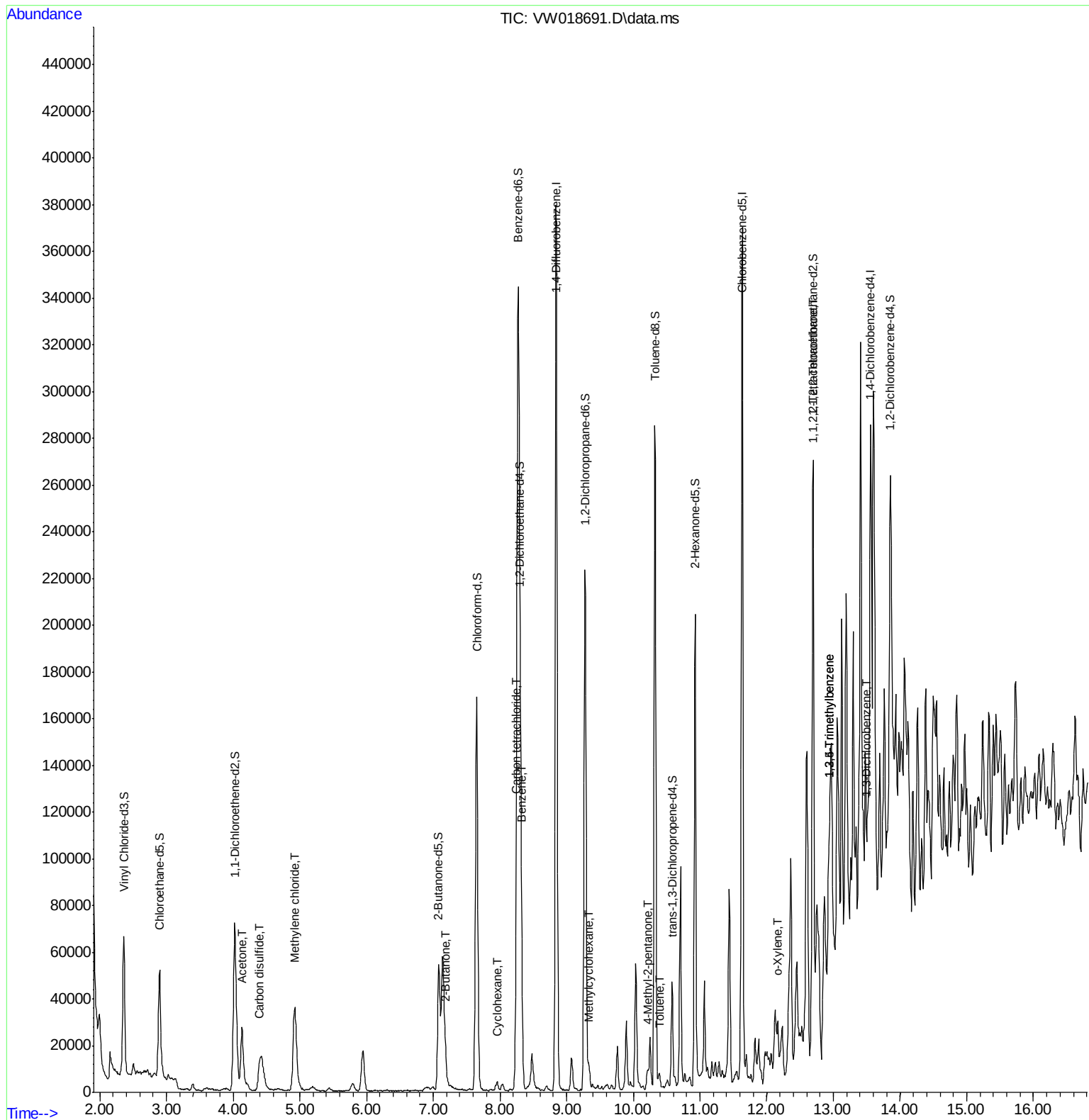
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	317041	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	195591	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	47751	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	67722	14.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	56.24%		
7) Chloroethane-d5	2.891	69	60531	14.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	56.72%		
11) 1,1-Dichloroethene-d2	4.019	63	81334	9.72	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	38.88%#		
21) 2-Butanone-d5	7.080	46	91600	83.52	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	167.04%#		
24) Chloroform-d	7.653	84	173378	19.93	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	79.72%		
26) 1,2-Dichloroethane-d4	8.305	65	114765	23.46	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	93.84%		
32) Benzene-d6	8.275	84	286559	24.97	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	99.88%		
36) 1,2-Dichloropropane-d6	9.274	67	104683	30.27	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	121.08%#		
41) Toluene-d8	10.323	98	187133	17.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	71.32%		
43) trans-1,3-Dichloroprop...	10.579	79	24009	16.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	65.24%		
47) 2-Hexanone-d5	10.927	63	72156	120.01	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	240.02%#		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	102773	35.59	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	142.36%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	33586	20.02	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	80.08%		
Target Compounds						Qvalue
13) Acetone	4.135	43	48506	60.93	ug/L	86
14) Carbon disulfide	4.391	76	19774	1.59	ug/L	100
16) Methylene chloride	4.928	84	31717	6.10	ug/L	91
22) 2-Butanone	7.183	43	20707	17.12	ug/L	94
29) Cyclohexane	7.964	56	1844	0.38	ug/L #	82
31) Carbon tetrachloride	8.244	117	964	0.25	ug/L #	2
33) Benzene	8.323	78	16225	1.32	ug/L	100
35) Methylcyclohexane	9.335	83	1926	0.35	ug/L #	55
40) 4-Methyl-2-pentanone	10.219	43	4343	2.27	ug/L	94
42) Toluene	10.390	91	4330	0.33	ug/L	94
54) o-Xylene	12.164	106	4779	0.93	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.688	83	4510	1.57	ug/L #	20
62) 1,3,5-Trimethylbenzene	12.945	105	5774	0.99	ug/L	92
63) 1,2,4-Trimethylbenzene	12.945	105	5774	0.99	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	1439	0.48	ug/L #	1

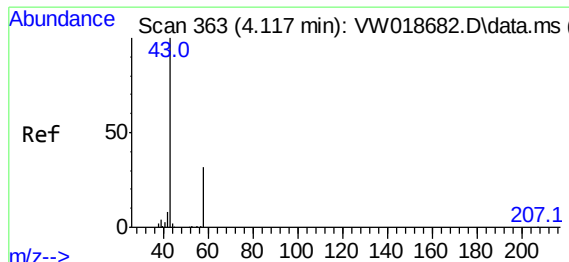
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018691.D
Acq On : 20 Apr 2021 15:12
Operator : SY/VA
Sample : M2065-12
Misc : 3.39G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG565

Quant Time: Apr 21 01:29:39 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

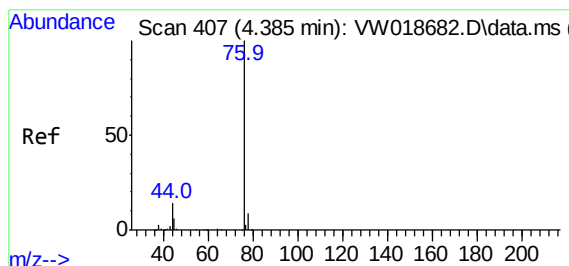
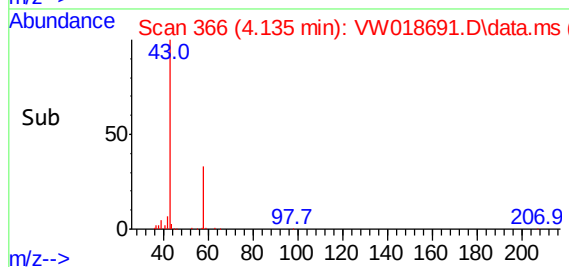
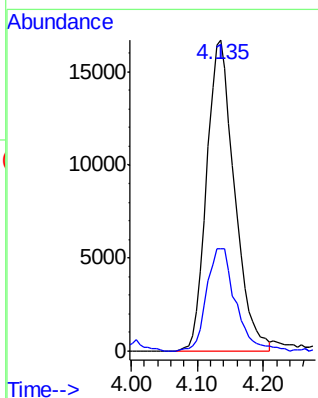
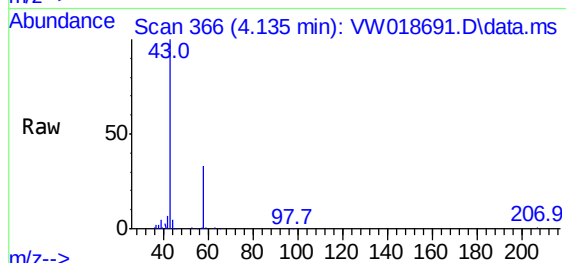




#13
Acetone
Concen: 60.93 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.019 min
Lab File: VW018691.D
Acq: 20 Apr 2021 15:12

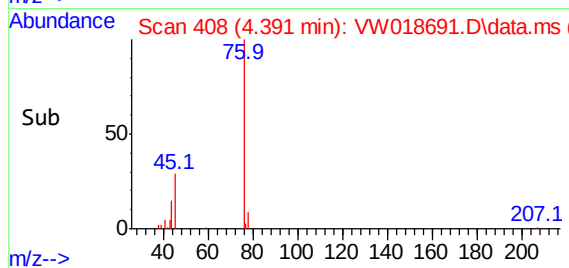
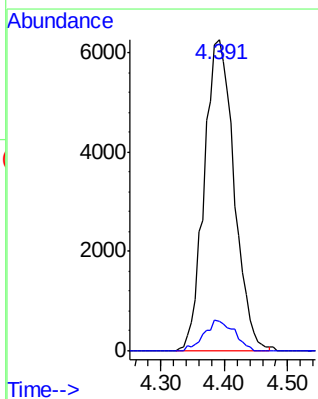
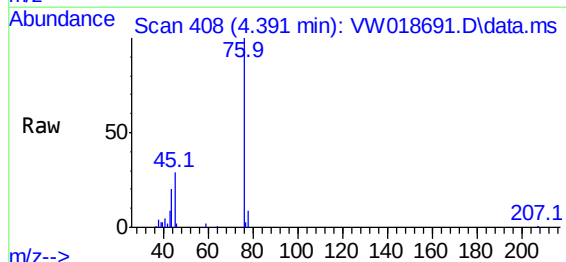
Instrument :
MSVOA_W
ClientSampleId :
BG565

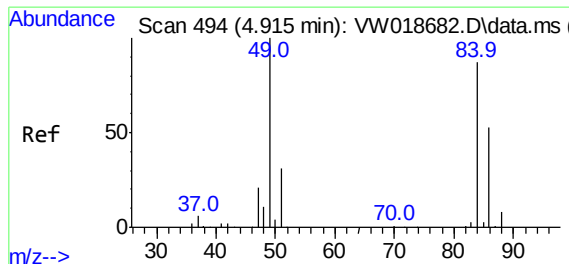
Tgt Ion: 43 Resp: 48506
Ion Ratio Lower Upper
43 100
58 34.2 0.0 53.8



#14
Carbon disulfide
Concen: 1.59 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018691.D
Acq: 20 Apr 2021 15:12

Tgt Ion: 76 Resp: 19774
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



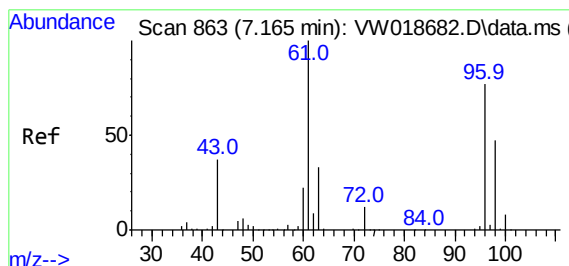
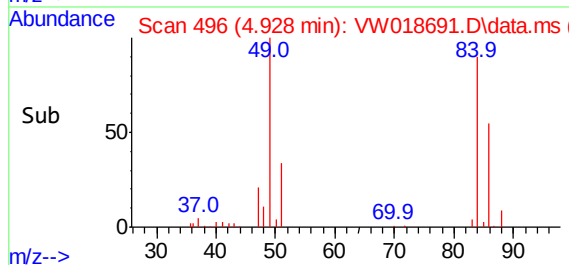
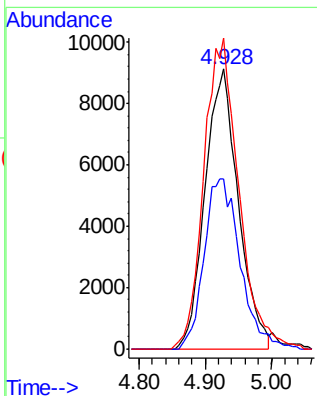
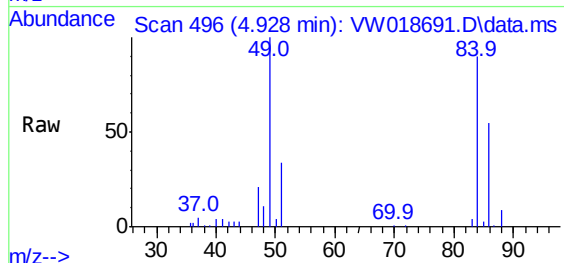


#16
Methylene chloride
Concen: 6.10 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.013 min
Lab File: VW018691.D
Acq: 20 Apr 2021 15:12

Instrument :
MSVOA_W
ClientSampleId :
BG565

Tgt Ion: 84 Resp: 31717

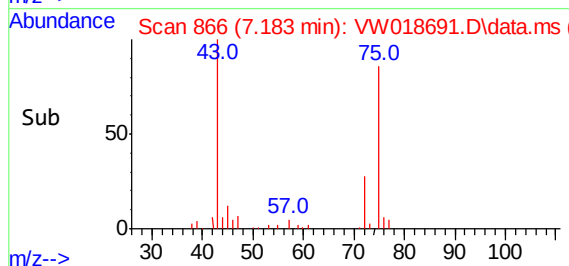
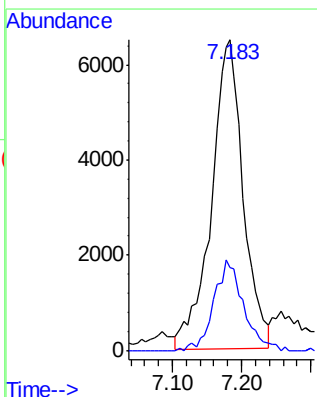
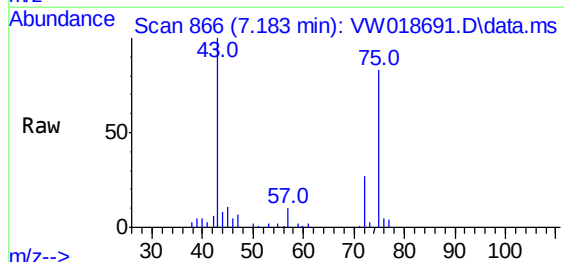
Ion	Ratio	Lower	Upper
84	100		
86	60.7	45.3	84.1
49	111.0	86.6	160.8

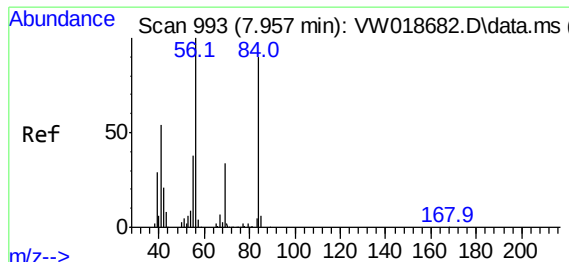


#22
2-Butanone
Concen: 17.12 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.019 min
Lab File: VW018691.D
Acq: 20 Apr 2021 15:12

Tgt Ion: 43 Resp: 20707

Ion	Ratio	Lower	Upper
43	100		
72	26.6	14.9	44.7

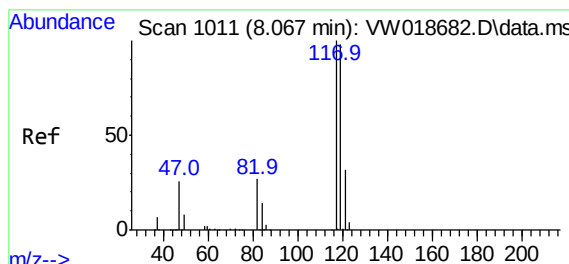
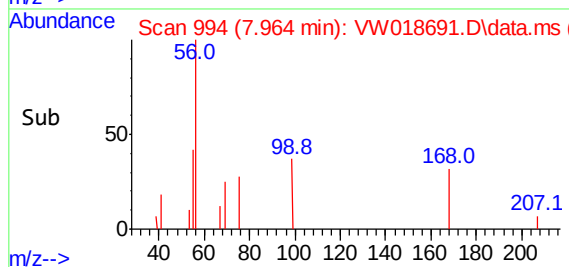
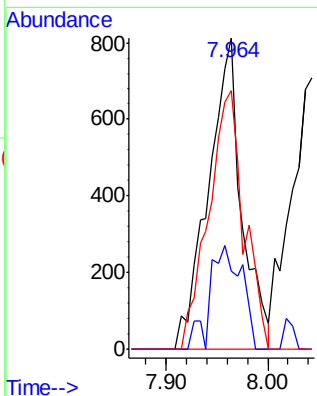
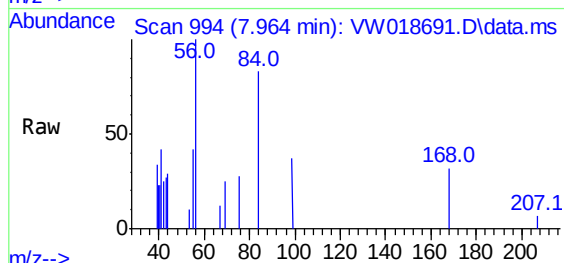




#29
Cyclohexane
Concen: 0.38 ug/L
RT: 7.964 min Scan# 994
Delta R.T. 0.006 min
Lab File: VW018691.D
Acq: 20 Apr 2021 15:12

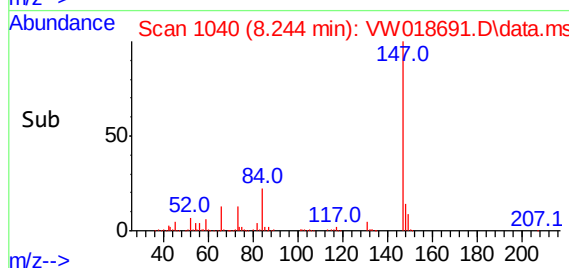
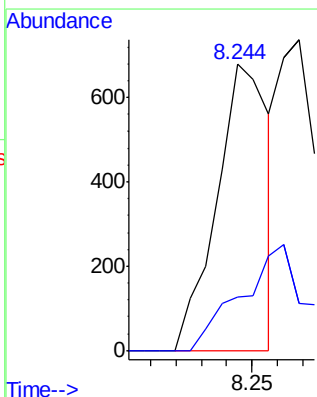
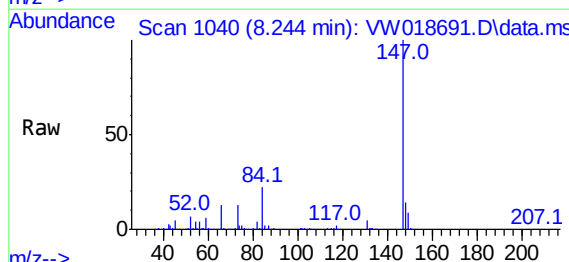
Instrument :
MSVOA_W
ClientSampled :
BG565

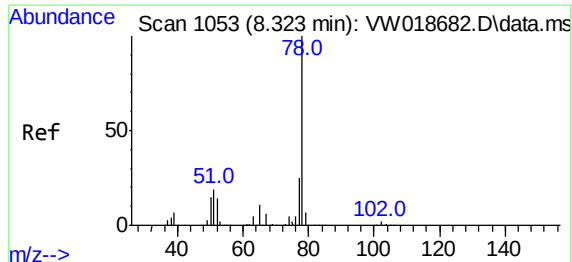
Tgt Ion: 56 Resp: 1844
Ion Ratio Lower Upper
56 100
69 22.2 24.5 36.7#
84 75.7 75.0 112.4



#31
Carbon tetrachloride
Concen: 0.25 ug/L
RT: 8.244 min Scan# 1040
Delta R.T. 0.177 min
Lab File: VW018691.D
Acq: 20 Apr 2021 15:12

Tgt Ion: 117 Resp: 964
Ion Ratio Lower Upper
117 100
119 0.0 76.5 114.7#

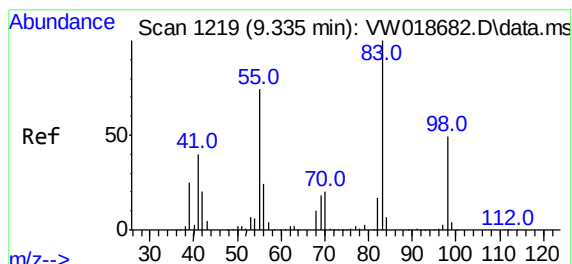
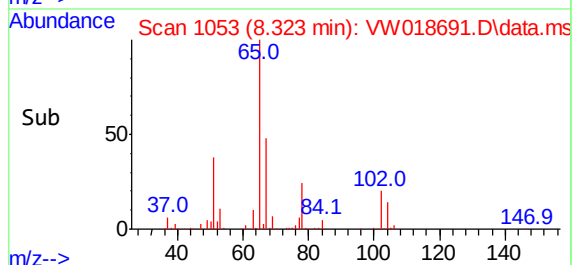
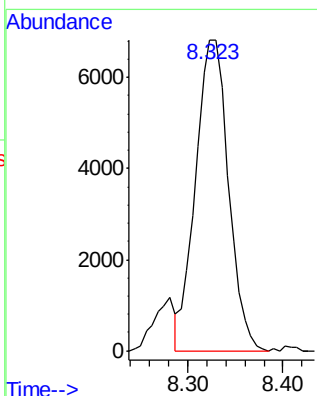
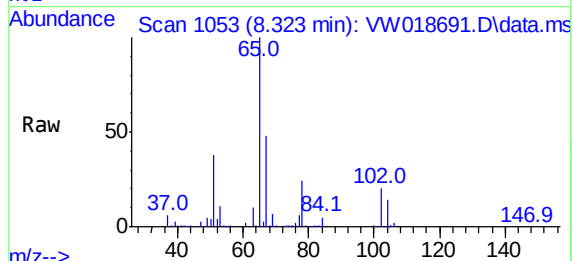




#33
Benzene
Concen: 1.32 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018691.D
Acq: 20 Apr 2021 15:12

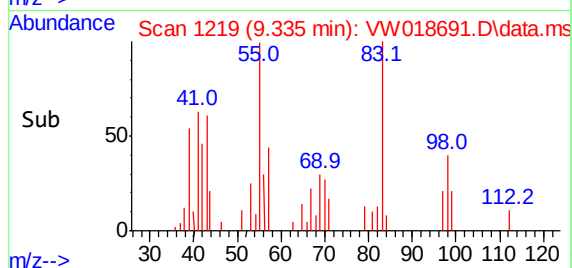
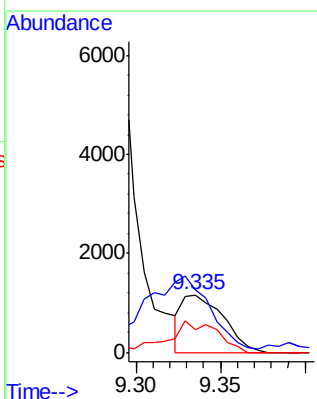
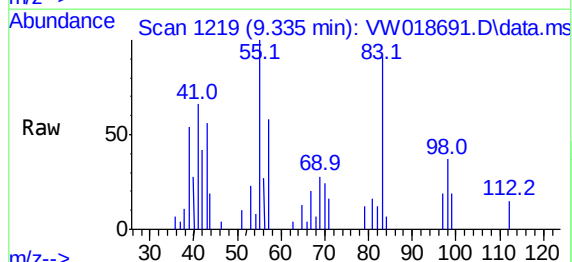
Instrument :
MSVOA_W
ClientSampled :
BG565

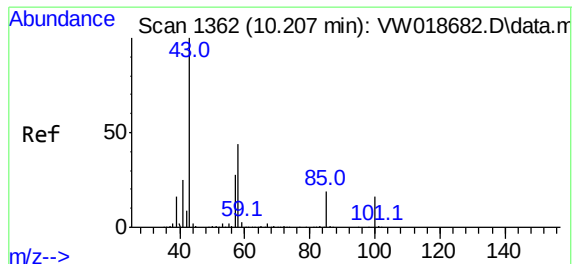
Tgt Ion: 78 Resp: 16225



#35
Methylcyclohexane
Concen: 0.35 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018691.D
Acq: 20 Apr 2021 15:12

Tgt Ion: 83 Resp: 1926
Ion Ratio Lower Upper
83 100
55 121.0 58.9 88.3#
98 30.2 40.1 60.1#



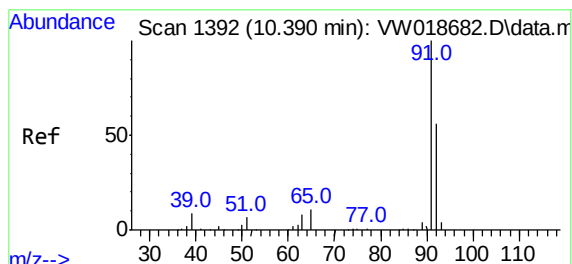
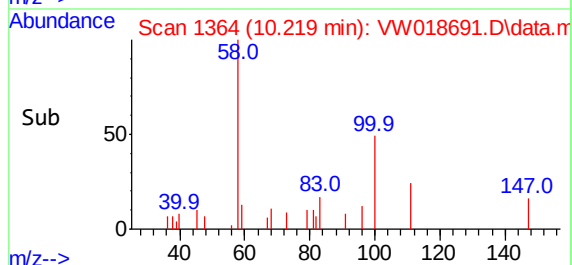
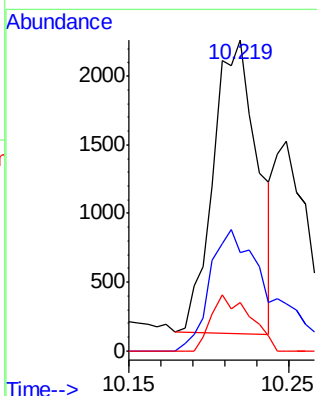
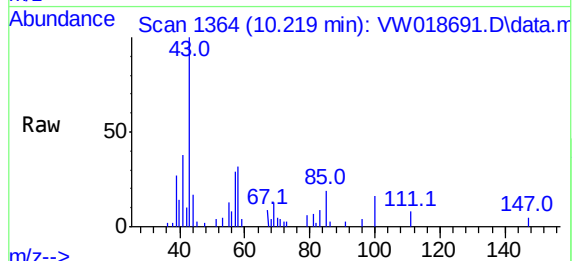


#40
4-Methyl-2-pentanone
Concen: 2.27 ug/L
RT: 10.219 min Scan# 1364
Delta R.T. 0.013 min
Lab File: VW018691.D
Acq: 20 Apr 2021 15:12

Instrument :
MSVOA_W
ClientSampleId :
BG565

Tgt Ion: 43 Resp: 4343

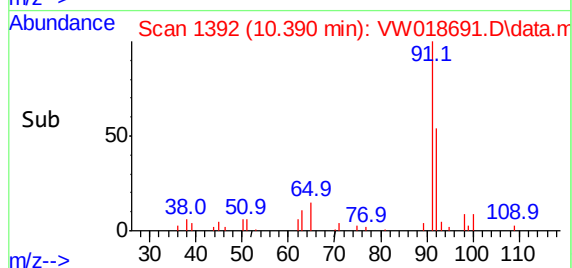
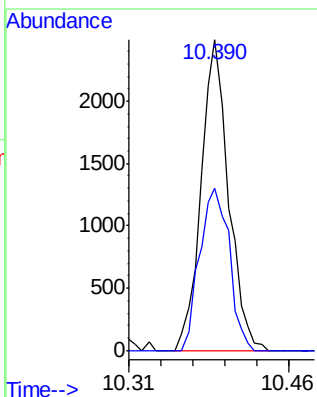
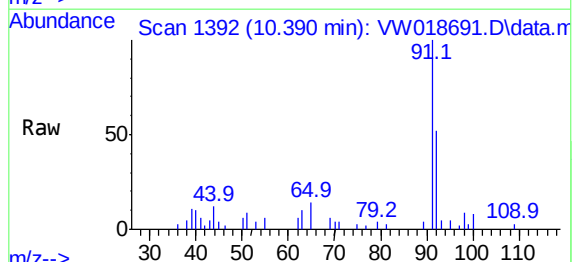
Ion	Ratio	Lower	Upper
43	100		
58	43.3	31.0	46.4
100	16.7	13.0	19.6

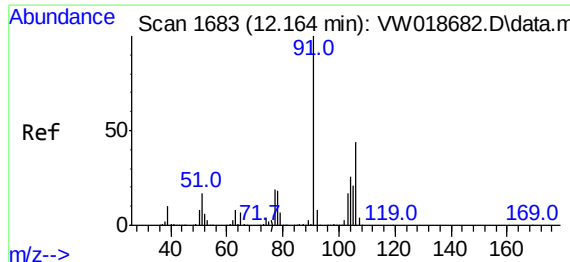


#42
Toluene
Concen: 0.33 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018691.D
Acq: 20 Apr 2021 15:12

Tgt Ion: 91 Resp: 4330

Ion	Ratio	Lower	Upper
91	100		
92	52.1	39.5	73.3

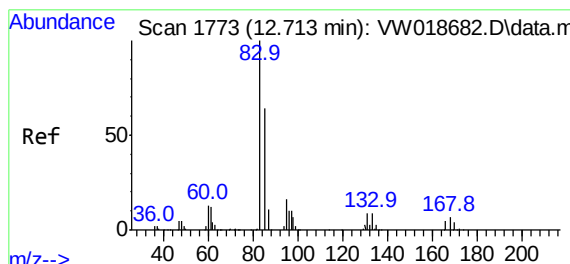
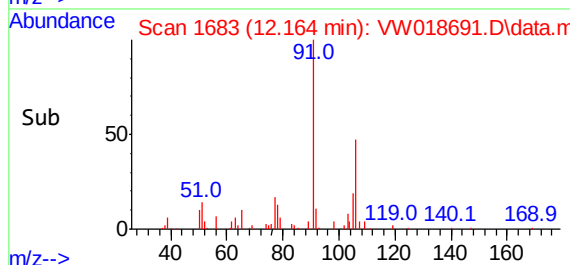
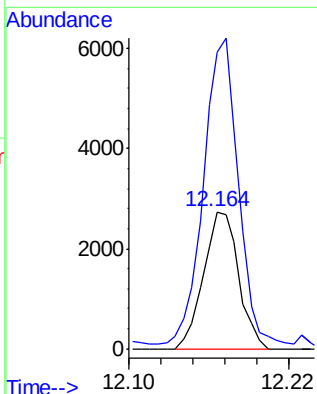
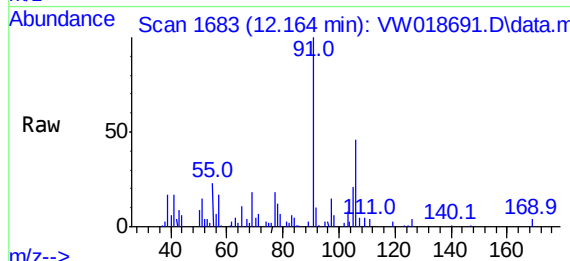




#54
o-Xylene
Concen: 0.93 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018691.D
Acq: 20 Apr 2021 15:12

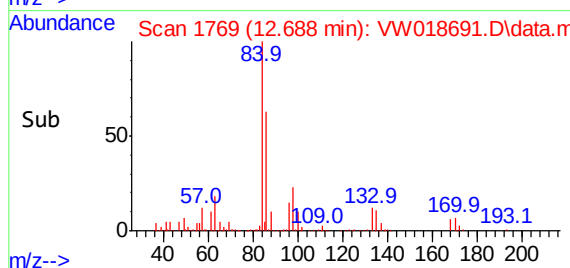
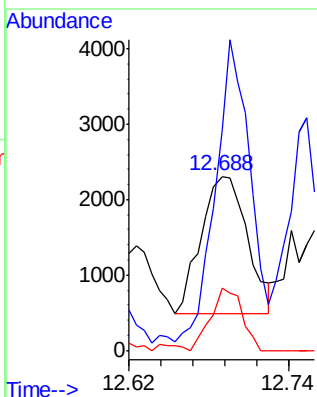
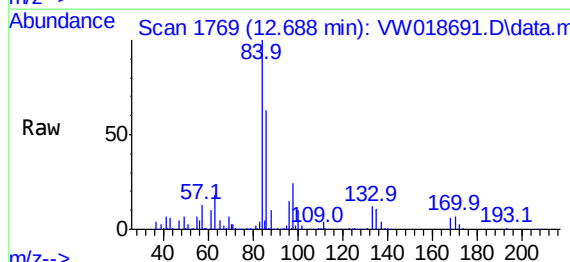
Instrument :
MSVOA_W
ClientSampleID :
BG565

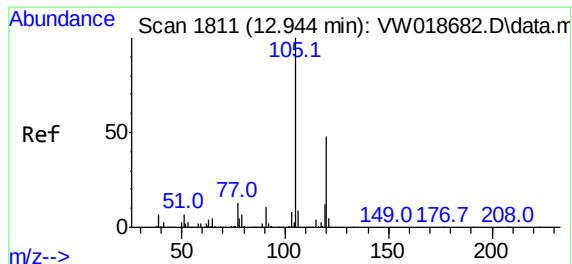
Tgt Ion:106 Resp: 4779
Ion Ratio Lower Upper
106 100
91 216.9 150.0 278.6



#57
1,1,2,2-Tetrachloroethane
Concen: 1.57 ug/L
RT: 12.688 min Scan# 1769
Delta R.T. -0.024 min
Lab File: VW018691.D
Acq: 20 Apr 2021 15:12

Tgt Ion: 83 Resp: 4510
Ion Ratio Lower Upper
83 100
85 127.3 44.4 82.4#
131 35.9 8.2 12.4#

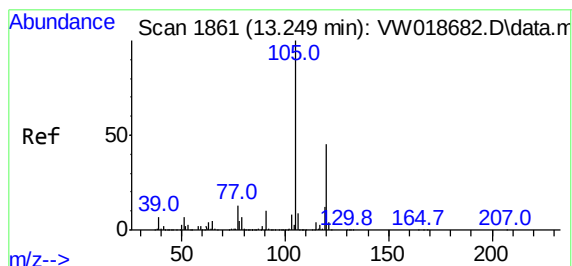
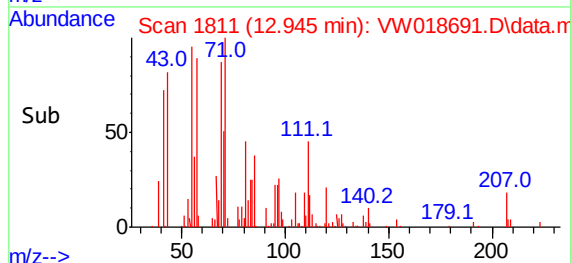
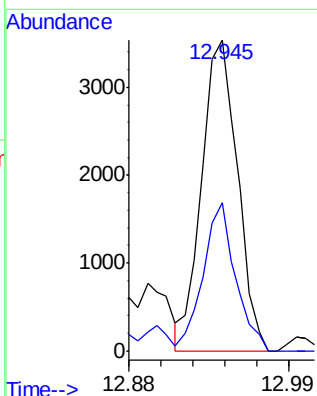
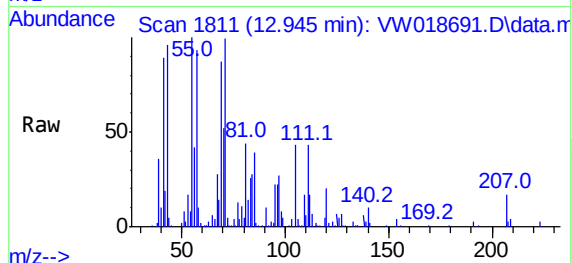




#62
 1,3,5-Trimethylbenzene
 Concen: 0.99 ug/L
 RT: 12.945 min Scan# 1811
 Delta R.T. 0.000 min
 Lab File: VW018691.D
 Acq: 20 Apr 2021 15:12

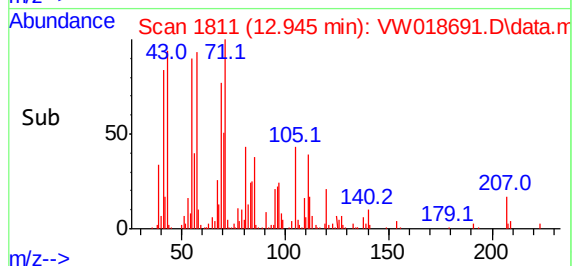
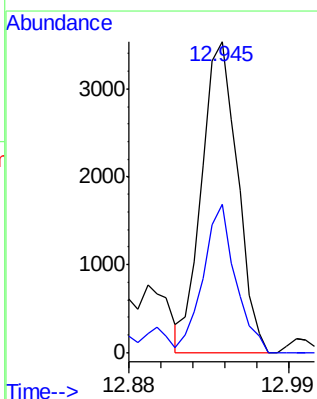
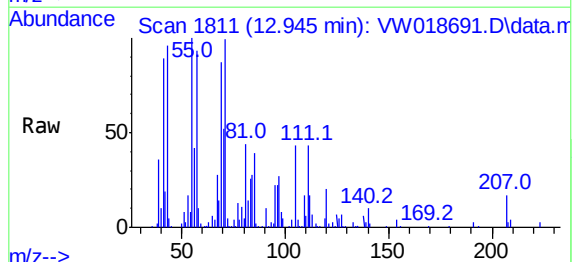
Instrument :
 MSVOA_W
 ClientSampleID :
 BG565

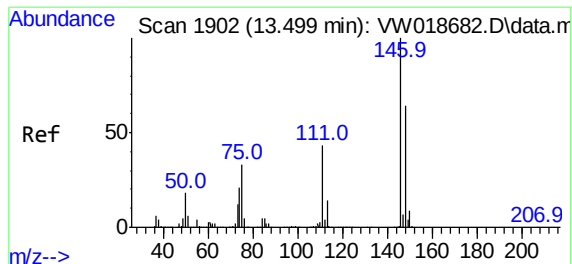
Tgt Ion:105 Resp: 5774
 Ion Ratio Lower Upper
 105 100
 120 43.1 39.0 58.6



#63
 1,2,4-Trimethylbenzene
 Concen: 0.99 ug/L
 RT: 12.945 min Scan# 1811
 Delta R.T. -0.305 min
 Lab File: VW018691.D
 Acq: 20 Apr 2021 15:12

Tgt Ion:105 Resp: 5774
 Ion Ratio Lower Upper
 105 100
 120 43.1 35.6 53.4





#64
 1,3-Dichlorobenzene
 Concen: 0.48 ug/L
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VW018691.D
 Acq: 20 Apr 2021 15:12

Instrument :
 MSVOA_W
 ClientSampleId :
 BG565

Tgt Ion:146 Resp: 1439
 Ion Ratio Lower Upper
 146 100
 111 419.3 26.7 49.7#
 148 84.3 41.1 76.3#

