

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042721\
 Data File : VW018803.D
 Acq On : 27 Apr 2021 15:09
 Operator : SY/VA
 Sample : M2177-04
 Misc : 5.40G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG581

Quant Time: Apr 28 00:42:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 28 00:41:12 2021
 Response via : Initial Calibration

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

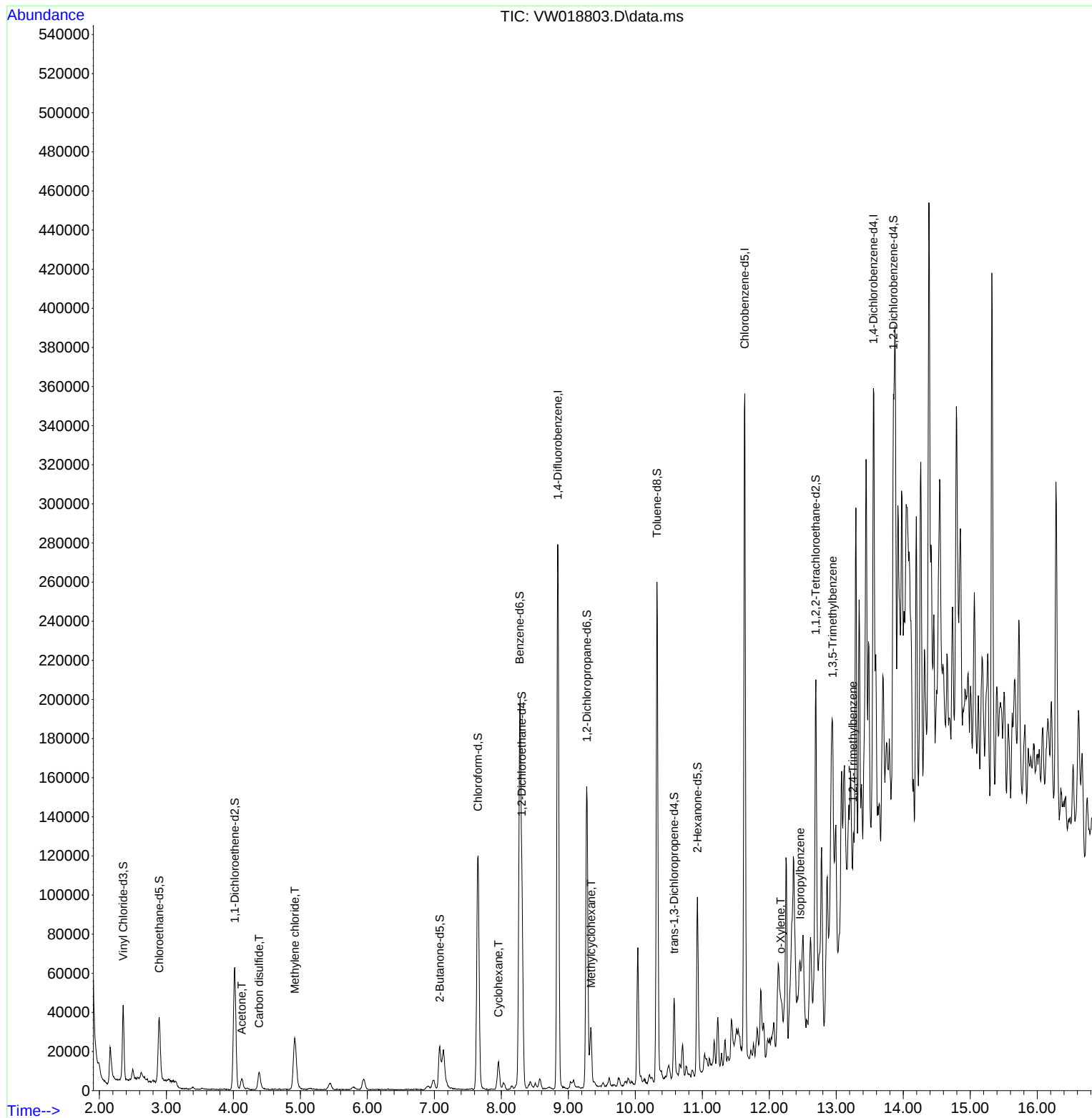
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	230086	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	186204	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	60376	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	37045	10.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	42.36%		
7) Chloroethane-d5	2.892	69	41442	13.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	53.48%		
11) 1,1-Dichloroethene-d2	4.019	63	58075	9.56	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	38.24%#		
21) 2-Butanone-d5	7.080	46	36079	45.33	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.66%		
24) Chloroform-d	7.653	84	123689	19.59	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	78.36%		
26) 1,2-Dichloroethane-d4	8.305	65	69865	19.68	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	78.72%		
32) Benzene-d6	8.275	84	203361	18.62	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	74.48%		
36) 1,2-Dichloropropane-d6	9.275	67	72687	22.08	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	88.32%		
41) Toluene-d8	10.323	98	160974	16.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	64.44%		
43) trans-1,3-Dichloroprop...	10.579	79	23415	16.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	66.84%		
47) 2-Hexanone-d5	10.927	63	30507	53.30	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	106.60%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	62400	22.70	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	90.80%		
66) 1,2-Dichlorobenzene-d4	13.853	152	45944	21.66	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	86.64%		
Target Compounds					Qvalue	
13) Acetone	4.123	43	9403	16.28	ug/L	90
14) Carbon disulfide	4.385	76	8707	0.97	ug/L #	94
16) Methylene chloride	4.916	84	19534	5.18	ug/L	92
29) Cyclohexane	7.958	56	7436	1.62	ug/L #	94
35) Methylcyclohexane	9.342	83	11401	2.18	ug/L	96
54) o-Xylene	12.170	106	3774	0.77	ug/L	85
60) Isopropylbenzene	12.463	105	6614	0.74	ug/L	100
62) 1,3,5-Trimethylbenzene	12.945	105	8043	1.09	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	20846	2.84	ug/L	93

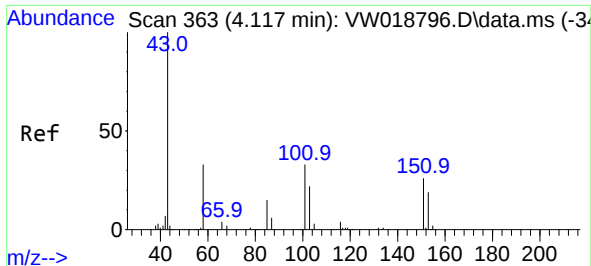
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042721\
Data File : VW018803.D
Acq On : 27 Apr 2021 15:09
Operator : SY/VA
Sample : M2177-04
Misc : 5.40G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG581

Quant Time: Apr 28 00:42:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Apr 28 00:41:12 2021
Response via : Initial Calibration

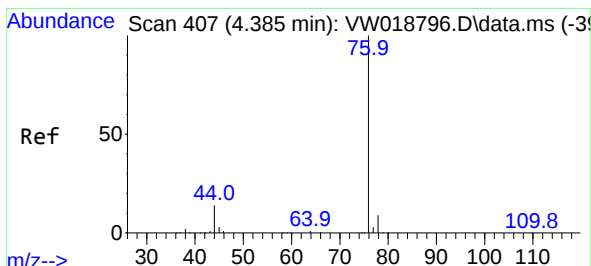
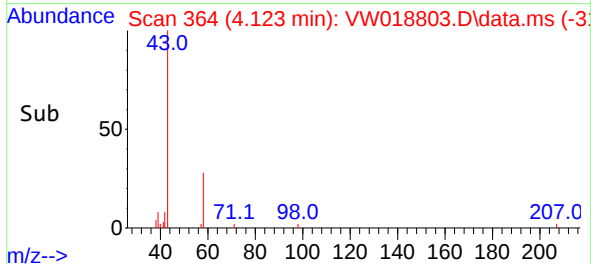
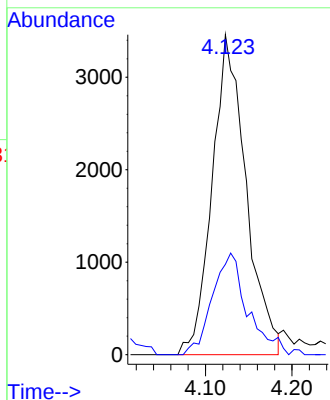
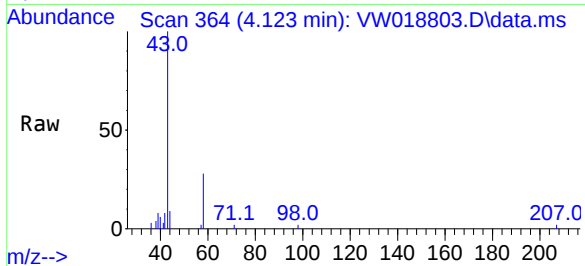




#13
Acetone
Concen: 16.28 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018803.D
Acq: 27 Apr 2021 15:09

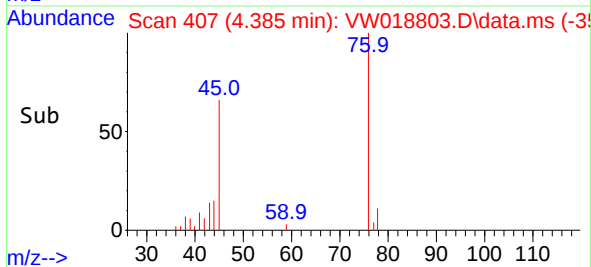
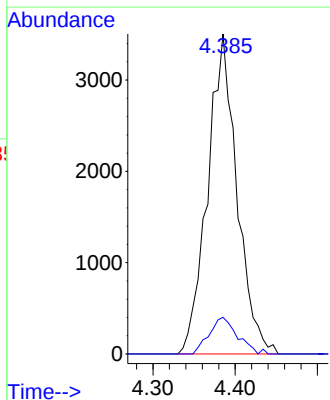
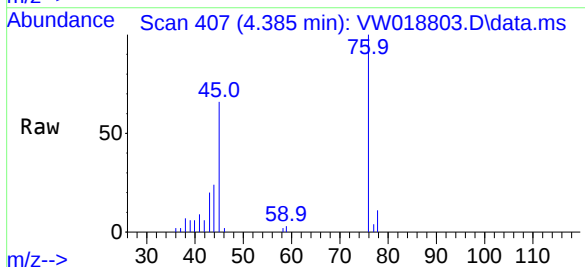
Instrument :
MSVOA_W
ClientSampled :
BG581

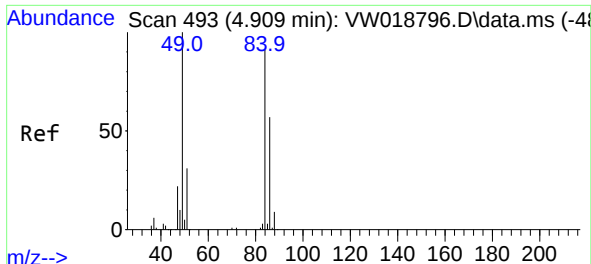
Tgt Ion: 43 Resp: 9403
Ion Ratio Lower Upper
43 100
58 31.9 0.0 53.8



#14
Carbon disulfide
Concen: 0.97 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018803.D
Acq: 27 Apr 2021 15:09

Tgt Ion: 76 Resp: 8707
Ion Ratio Lower Upper
76 100
78 11.5 7.4 11.0#

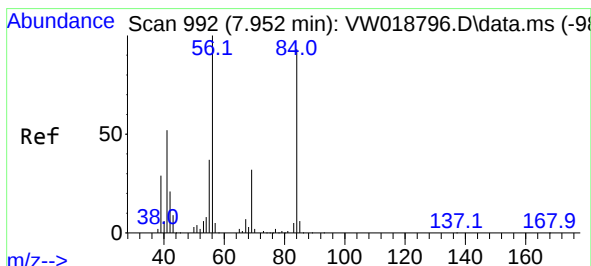
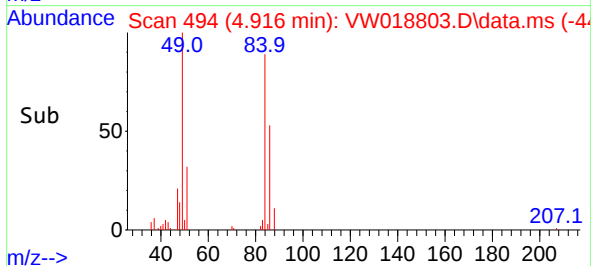
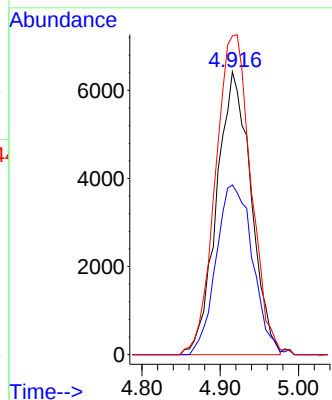
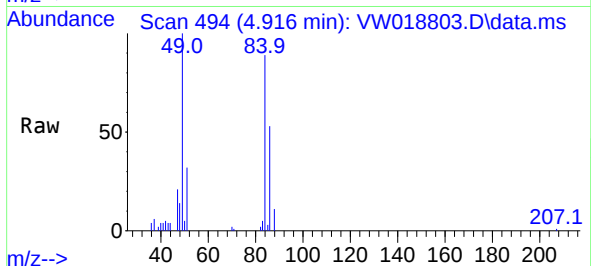




#16
Methylene chloride
Concen: 5.18 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW018803.D
Acq: 27 Apr 2021 15:09

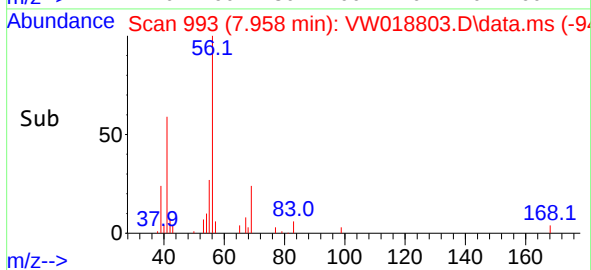
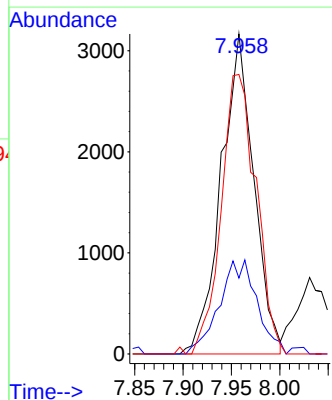
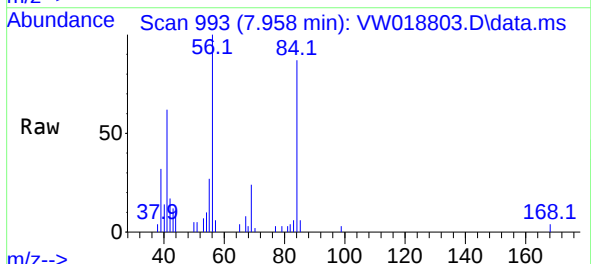
Instrument :
MSVOA_W
ClientSampled :
BG581

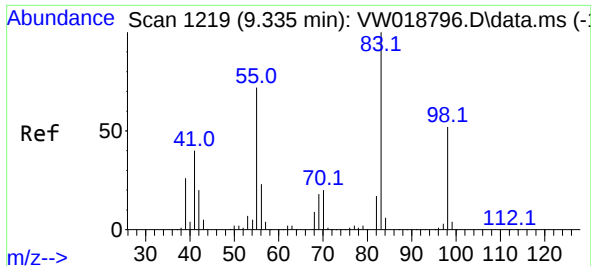
Tgt Ion:	84	Resp:	19534
Ion	Ratio	Lower	Upper
84	100		
86	60.0	45.3	84.1
49	112.7	86.6	160.8



#29
Cyclohexane
Concen: 1.62 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW018803.D
Acq: 27 Apr 2021 15:09

Tgt Ion:	56	Resp:	7436
Ion	Ratio	Lower	Upper
56	100		
69	19.3	24.5	36.7#
84	93.1	75.0	112.4

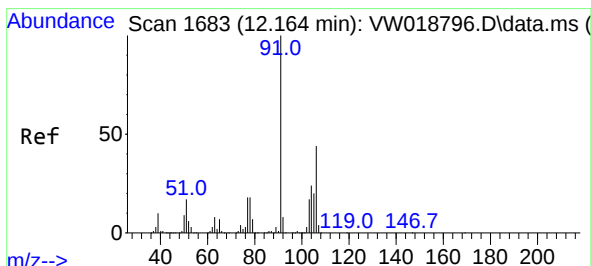
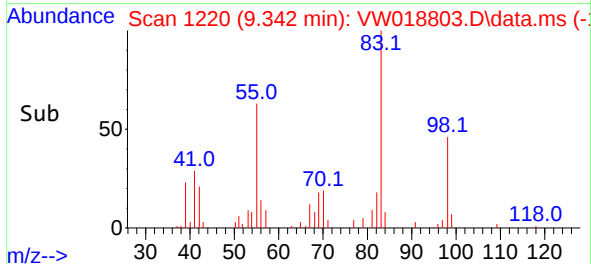
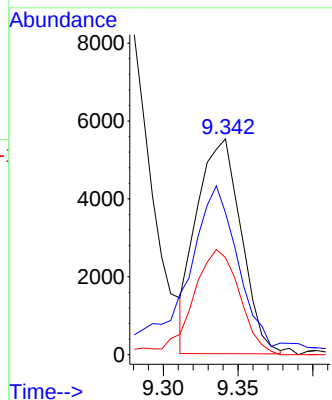
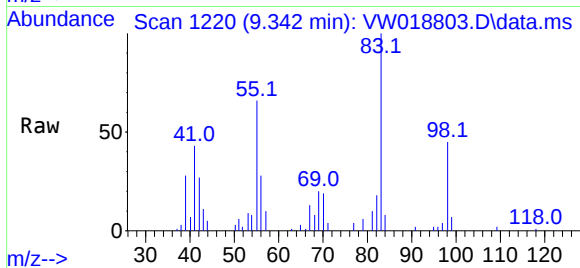




#35
Methylcyclohexane
Concen: 2.18 ug/L
RT: 9.342 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW018803.D
Acq: 27 Apr 2021 15:09

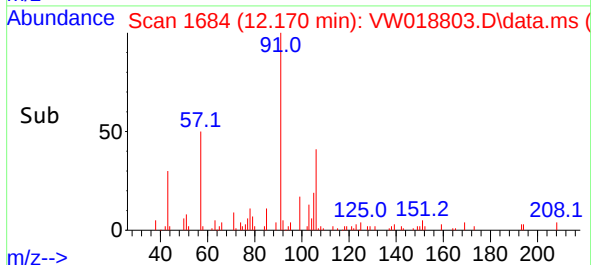
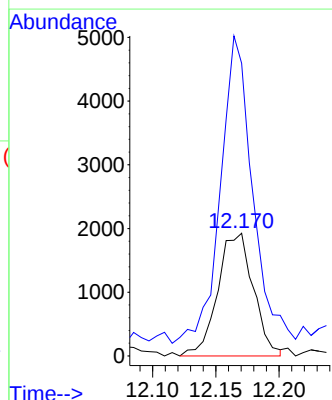
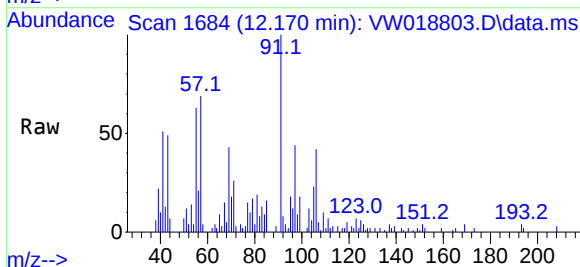
Instrument :
MSVOA_W
ClientSampled :
BG581

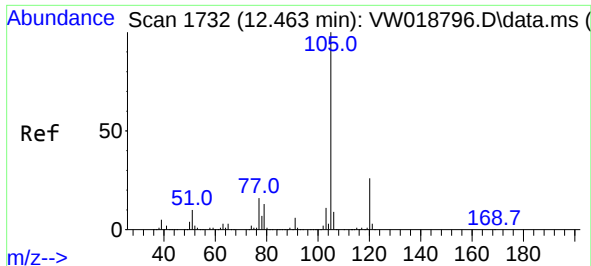
Tgt Ion: 83 Resp: 11401
Ion Ratio Lower Upper
83 100
55 78.7 58.9 88.3
98 50.2 40.1 60.1



#54
o-Xylene
Concen: 0.77 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW018803.D
Acq: 27 Apr 2021 15:09

Tgt Ion: 106 Resp: 3774
Ion Ratio Lower Upper
106 100
91 238.6 150.0 278.6

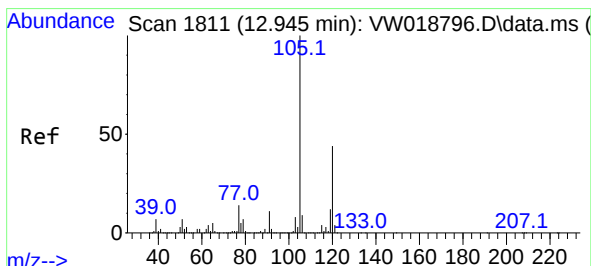
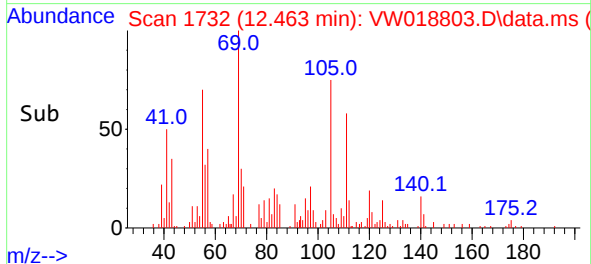
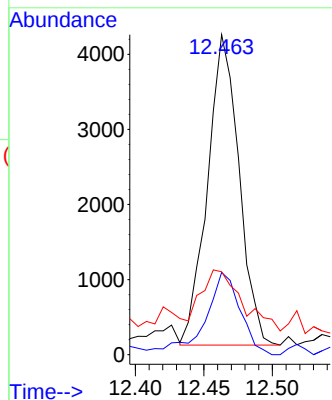
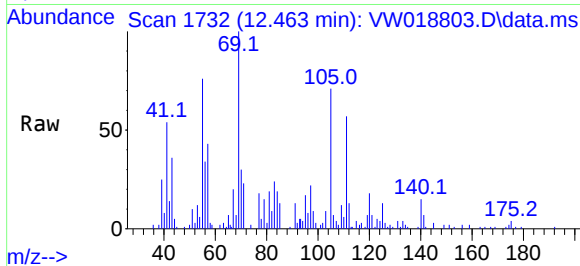




#60
Isopropylbenzene
Concen: 0.74 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018803.D
Acq: 27 Apr 2021 15:09

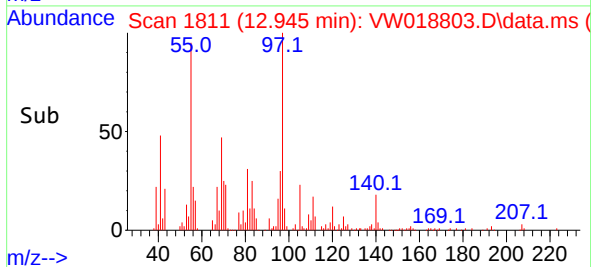
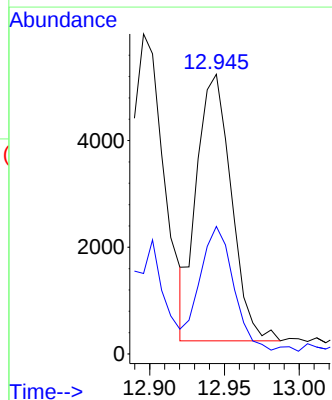
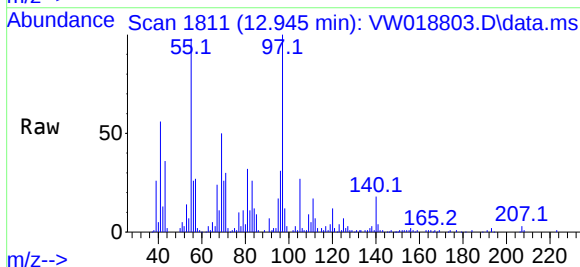
Instrument :
MSVOA_W
ClientSampled :
BG581

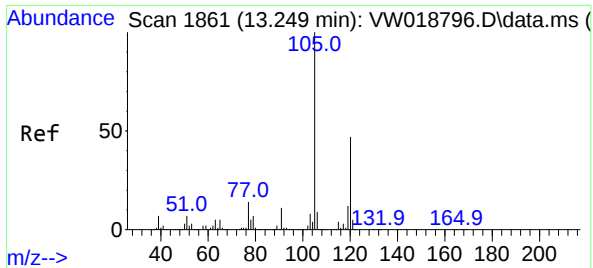
Tgt Ion:	105	Resp:	6614
Ion	Ratio	Lower	Upper
105	100		
120	26.2	21.1	31.7
77	16.7	13.2	19.8



#62
1,3,5-Trimethylbenzene
Concen: 1.09 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW018803.D
Acq: 27 Apr 2021 15:09

Tgt Ion:	105	Resp:	8043
Ion	Ratio	Lower	Upper
105	100		
120	45.1	39.0	58.6





#63
1,2,4-Trimethylbenzene
Concen: 2.84 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018803.D
Acq: 27 Apr 2021 15:09

Instrument :
MSVOA_W
ClientSampleId :
BG581

Tgt Ion:105 Resp: 20846
Ion Ratio Lower Upper
105 100
120 48.8 35.6 53.4

