

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
 Data File : VW018823.D
 Acq On : 28 Apr 2021 16:19
 Operator : SY/VA
 Sample : M2177-09
 Misc : 3.98G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG515

Quant Time: Apr 29 00:16:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 29 00:13:39 2021
 Response via : Initial Calibration

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

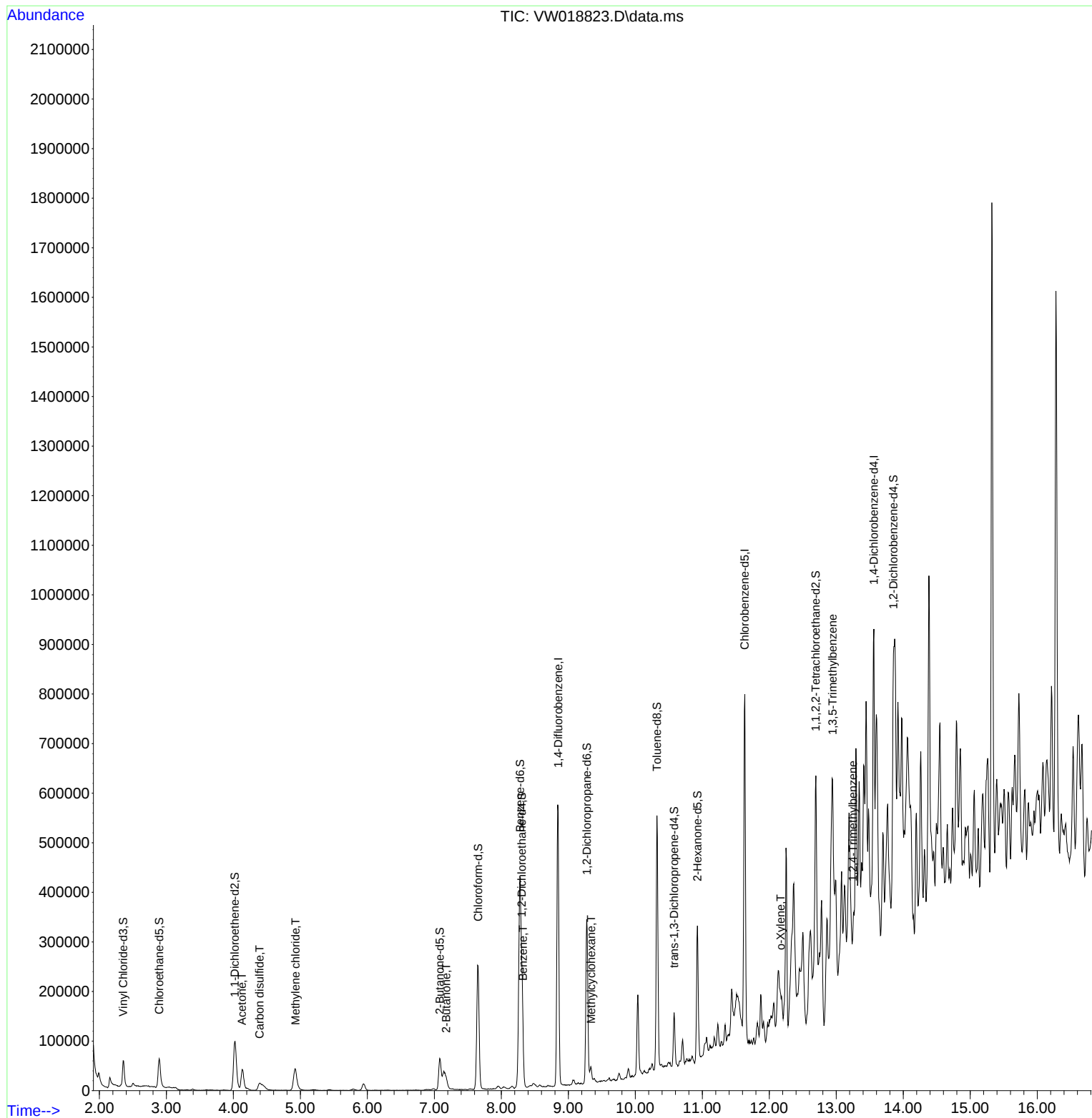
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	480704	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	379362	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	146995	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	60197	8.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	32.96%		
7) Chloroethane-d5	2.891	69	79991	12.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	49.40%		
11) 1,1-Dichloroethene-d2	4.019	63	110330	8.70	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	34.80%#		
21) 2-Butanone-d5	7.080	46	105554	63.48	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	126.96%		
24) Chloroform-d	7.653	84	255730	19.38	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	77.52%		
26) 1,2-Dichloroethane-d4	8.305	65	160427	21.63	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	86.52%		
32) Benzene-d6	8.281	84	422047	18.96	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	75.84%		
36) 1,2-Dichloropropane-d6	9.274	67	154525	23.04	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	92.16%		
41) Toluene-d8	10.323	98	327025	16.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	64.28%		
43) trans-1,3-Dichloroprop...	10.579	79	59146	20.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	82.88%		
47) 2-Hexanone-d5	10.927	63	93730	80.37	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	160.74%#		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	157757	28.17	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	112.68%		
66) 1,2-Dichlorobenzene-d4	13.853	152	113951	22.07	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.28%		
Target Compounds					Qvalue	
13) Acetone	4.129	43	77761	64.42	ug/L	90
14) Carbon disulfide	4.391	76	30940	1.65	ug/L	99
16) Methylene chloride	4.928	84	39499	5.01	ug/L	88
22) 2-Butanone	7.177	43	28814	15.71	ug/L	98
33) Benzene	8.323	78	11098	0.47	ug/L	100
35) Methylcyclohexane	9.342	83	9734	0.91	ug/L #	82
54) o-Xylene	12.170	106	11245	1.13	ug/L	88
62) 1,3,5-Trimethylbenzene	12.945	105	30207	1.69	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	36706	2.05	ug/L	100

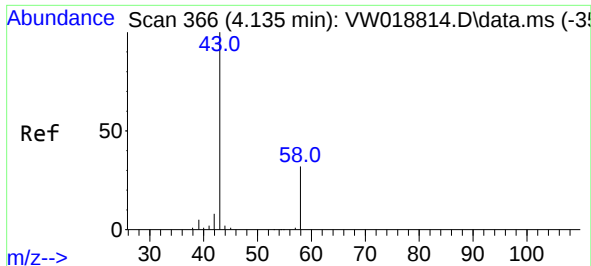
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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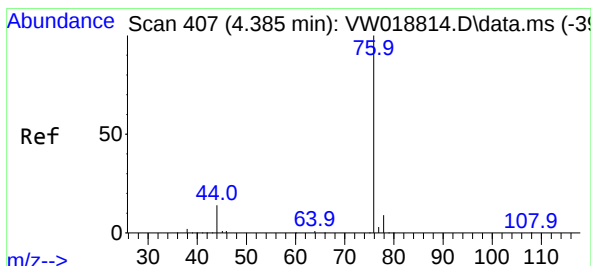
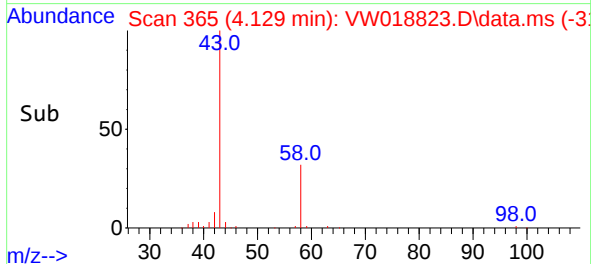
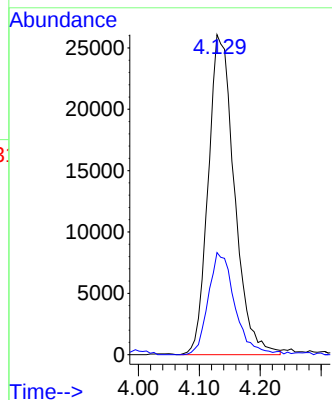
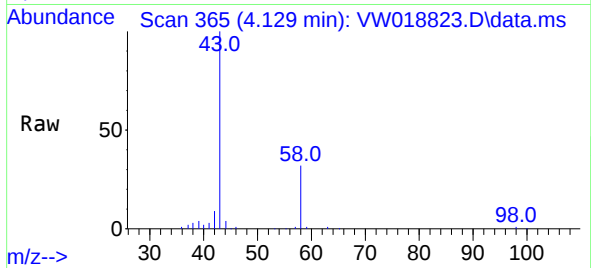




#13
Acetone
Concen: 64.42 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.006 min
Lab File: VW018823.D
Acq: 28 Apr 2021 16:19

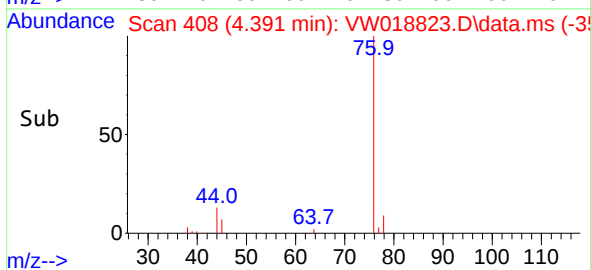
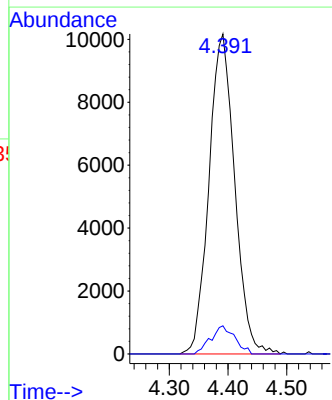
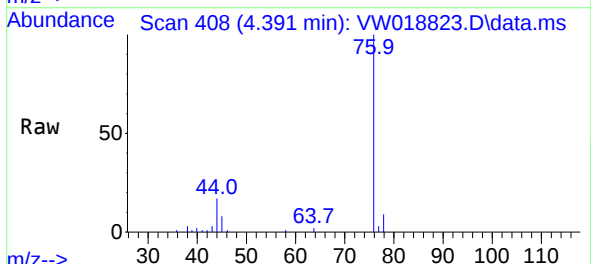
Instrument :
MSVOA_W
ClientSampled :
BG515

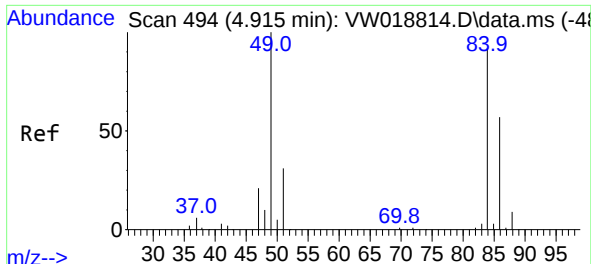
Tgt Ion: 43 Resp: 77761
Ion Ratio Lower Upper
43 100
58 32.1 0.0 53.8



#14
Carbon disulfide
Concen: 1.65 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018823.D
Acq: 28 Apr 2021 16:19

Tgt Ion: 76 Resp: 30940
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

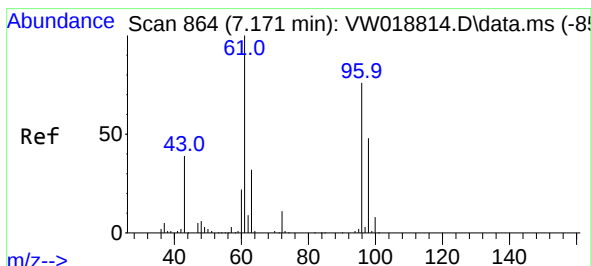
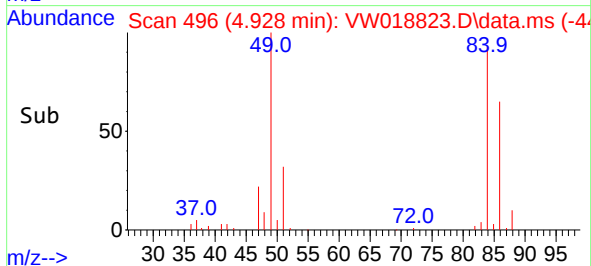
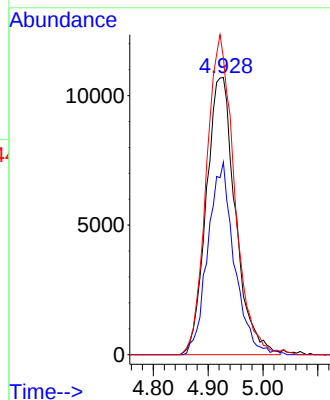
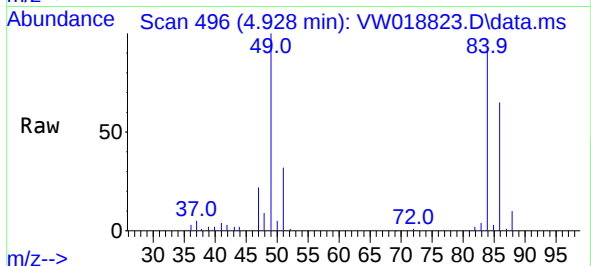




#16
Methylene chloride
Concen: 5.01 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW018823.D
Acq: 28 Apr 2021 16:19

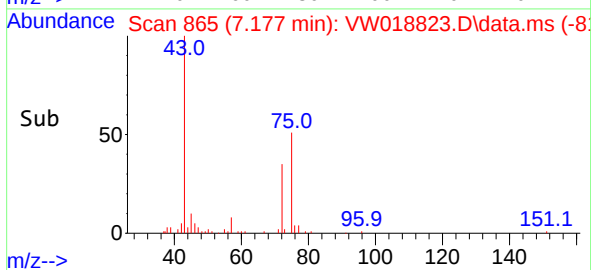
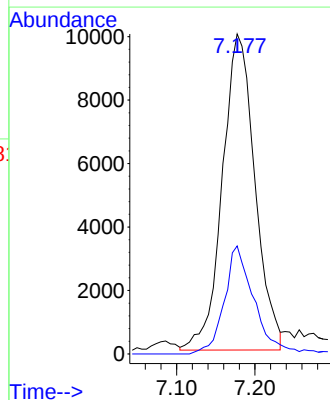
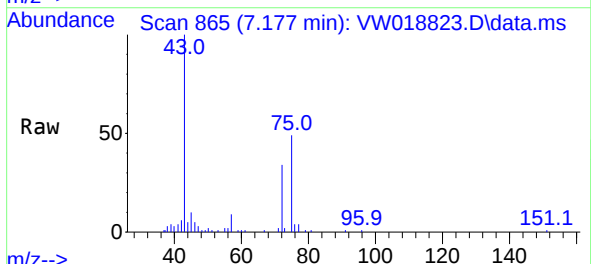
Instrument :
MSVOA_W
ClientSampled :
BG515

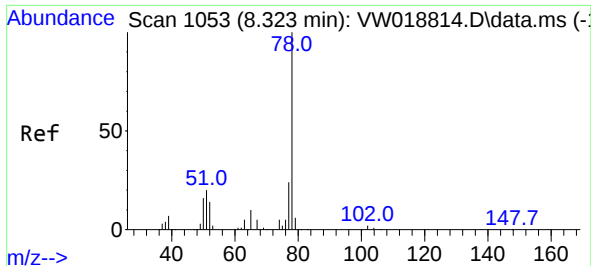
Tgt Ion: 84 Resp: 39499
Ion Ratio Lower Upper
84 100
86 69.4 45.3 84.1
49 107.0 86.6 160.8



#22
2-Butanone
Concen: 15.71 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018823.D
Acq: 28 Apr 2021 16:19

Tgt Ion: 43 Resp: 28814
Ion Ratio Lower Upper
43 100
72 30.9 14.9 44.7

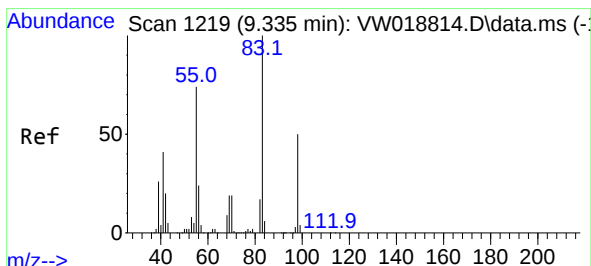
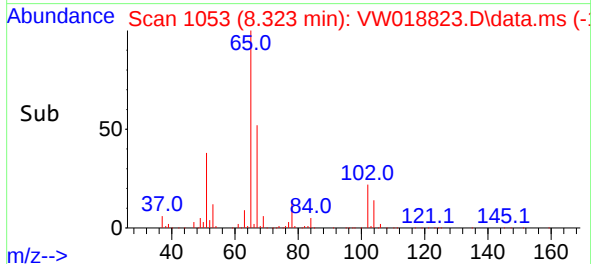
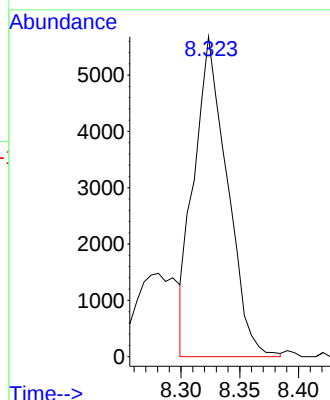
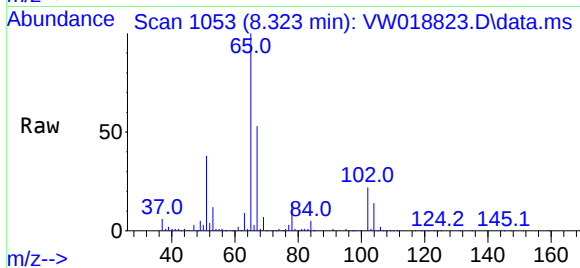




#33
Benzene
Concen: 0.47 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018823.D
Acq: 28 Apr 2021 16:19

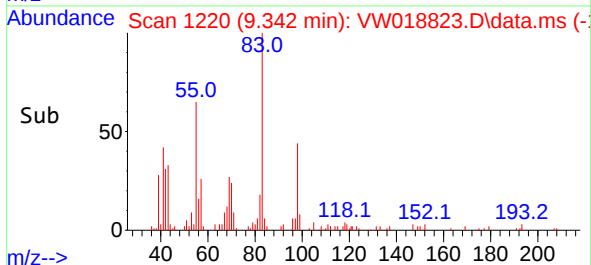
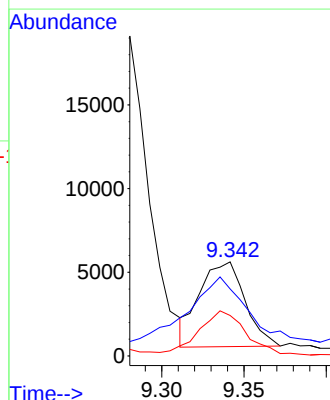
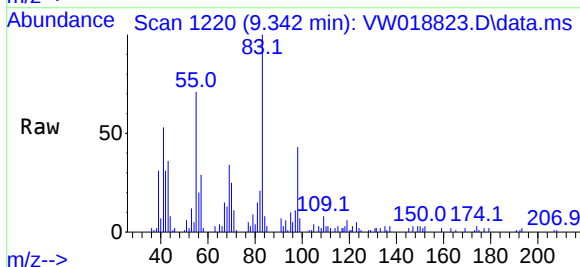
Instrument :
MSVOA_W
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BG515

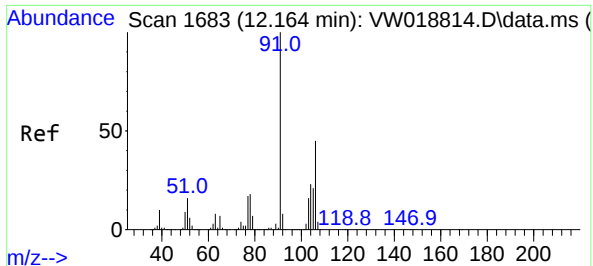
Tgt Ion: 78 Resp: 11098



#35
Methylcyclohexane
Concen: 0.91 ug/L
RT: 9.342 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW018823.D
Acq: 28 Apr 2021 16:19

Tgt Ion: 83 Resp: 9734
Ion Ratio Lower Upper
83 100
55 98.3 58.9 88.3#
98 51.2 40.1 60.1

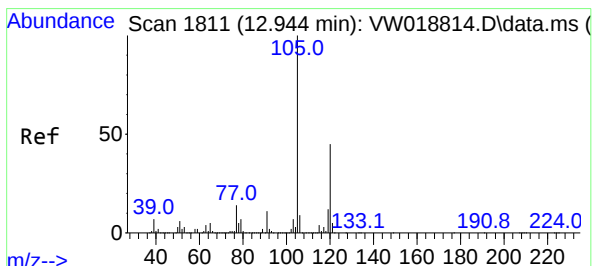
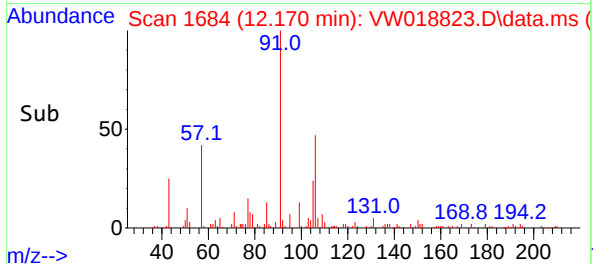
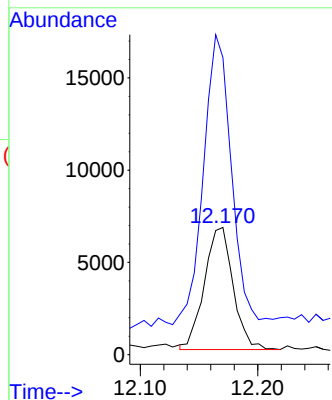
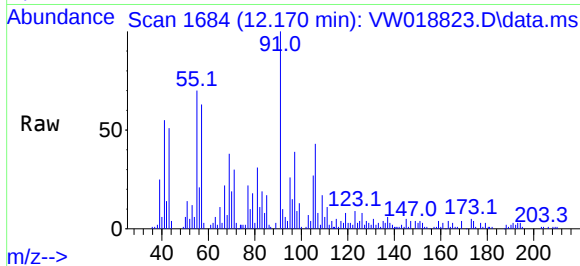




#54
o-Xylene
Concen: 1.13 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW018823.D
Acq: 28 Apr 2021 16:19

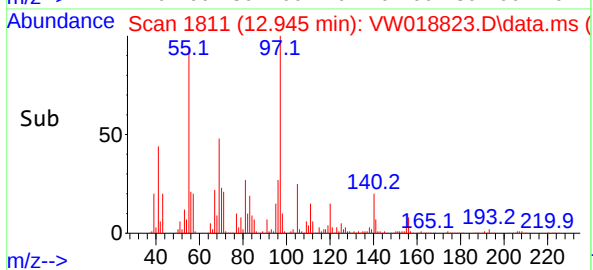
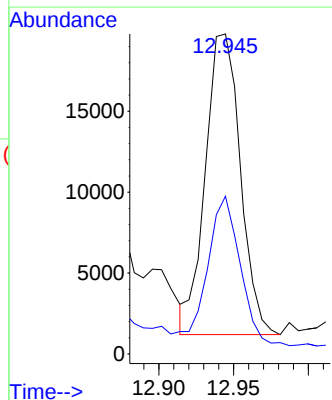
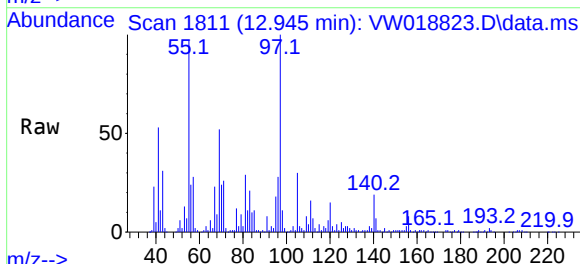
Instrument :
MSVOA_W
ClientSampled :
BG515

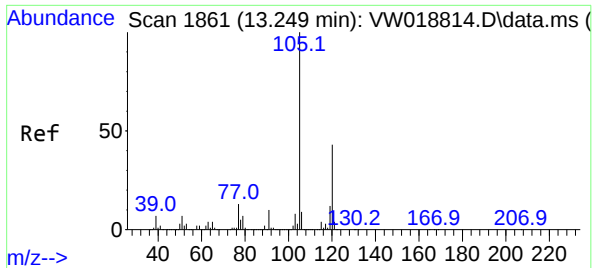
Tgt Ion:106 Resp: 11245
Ion Ratio Lower Upper
106 100
91 233.7 150.0 278.6



#62
1,3,5-Trimethylbenzene
Concen: 1.69 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW018823.D
Acq: 28 Apr 2021 16:19

Tgt Ion:105 Resp: 30207
Ion Ratio Lower Upper
105 100
120 46.1 39.0 58.6





#63
1,2,4-Trimethylbenzene
Concen: 2.05 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018823.D
Acq: 28 Apr 2021 16:19

Instrument :
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Tgt Ion:105 Resp: 36706
Ion Ratio Lower Upper
105 100
120 44.2 35.6 53.4

