

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
 Data File : VW018708.D
 Acq On : 21 Apr 2021 13:34
 Operator : SY/VA
 Sample : M2065-12
 Misc : 2.99G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG565

Quant Time: Apr 22 01:22:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 22 01:20:40 2021
 Response via : Initial Calibration

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

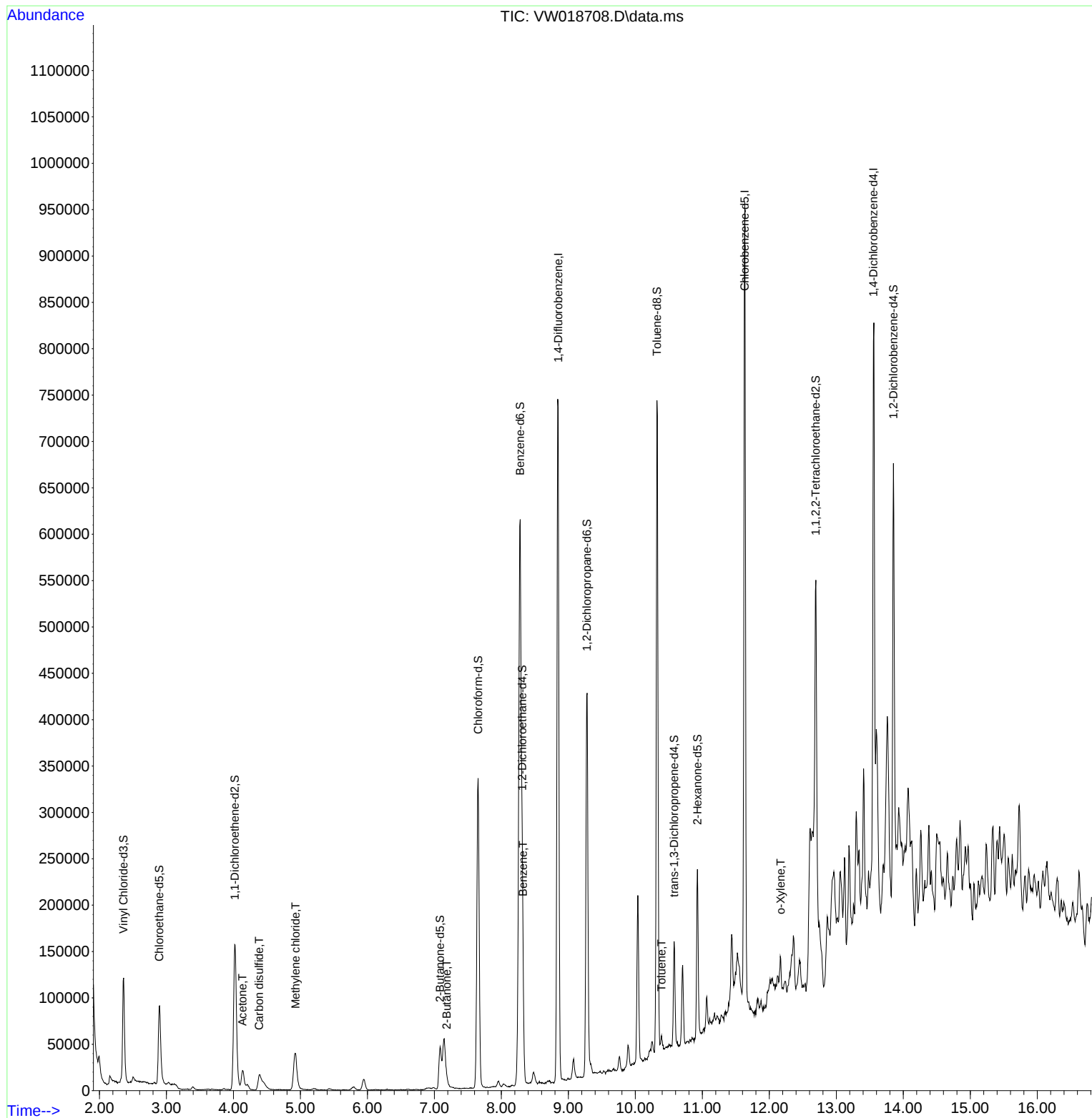
Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	622001	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	475907	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	156321	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	128369	13.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.32%
7) Chloroethane-d5	2.891	69	116453	13.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.60%
11) 1,1-Dichloroethene-d2	4.019	63	171565	10.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.80%#
21) 2-Butanone-d5	7.086	46	76977	35.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.56%
24) Chloroform-d	7.653	84	337262	19.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.04%
26) 1,2-Dichloroethane-d4	8.311	65	178363	18.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.32%
32) Benzene-d6	8.281	84	585026	20.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	9.274	67	196114	23.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.24%
41) Toluene-d8	10.323	98	474810	18.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.40%
43) trans-1,3-Dichloroprop...	10.579	79	62634	17.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.96%
47) 2-Hexanone-d5	10.926	63	66326	45.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.68%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	135303	19.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.04%
66) 1,2-Dichlorobenzene-d4	13.853	152	116292	21.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.72%
Target Compounds					Qvalue	
13) Acetone	4.135	43	38899	24.91	ug/L	88
14) Carbon disulfide	4.385	76	36799	1.51	ug/L	100
16) Methylene chloride	4.927	84	35575	3.49	ug/L	90
22) 2-Butanone	7.183	43	14846	6.26	ug/L	97
33) Benzene	8.323	78	21216	0.71	ug/L	100
42) Toluene	10.390	91	10835	0.34	ug/L	98
54) o-Xylene	12.170	106	10080	0.81	ug/L	99

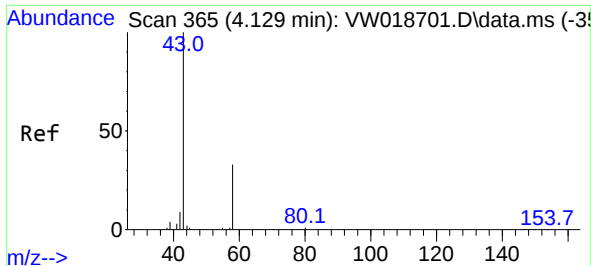
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampled :
BG565

Quant Time: Apr 22 01:22:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Apr 22 01:20:40 2021
Response via : Initial Calibration

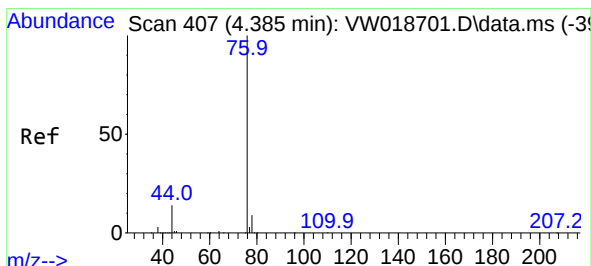
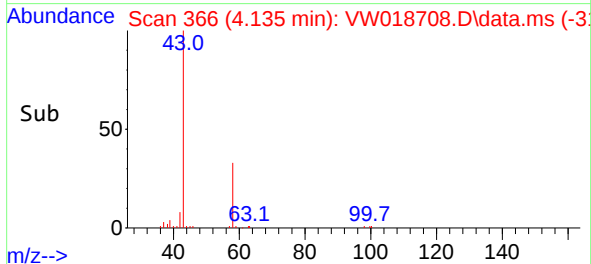
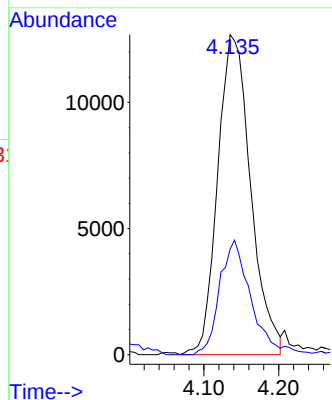
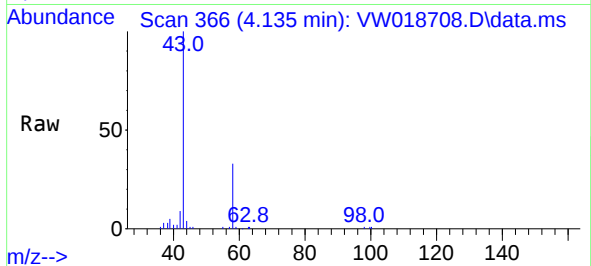




#13
Acetone
Concen: 24.91 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW018708.D
Acq: 21 Apr 2021 13:34

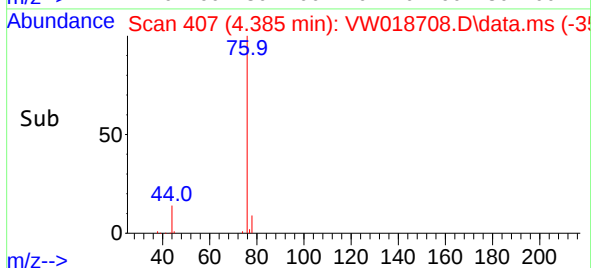
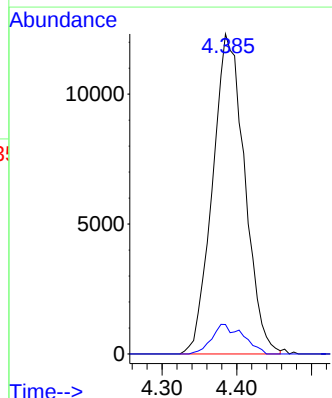
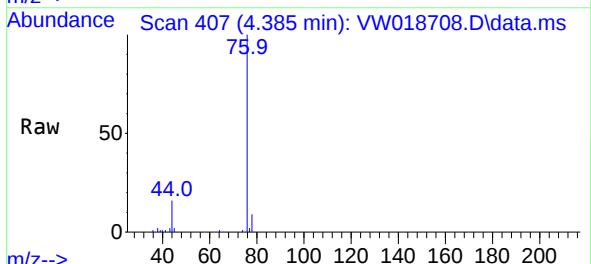
Instrument :
MSVOA_W
ClientSampled :
BG565

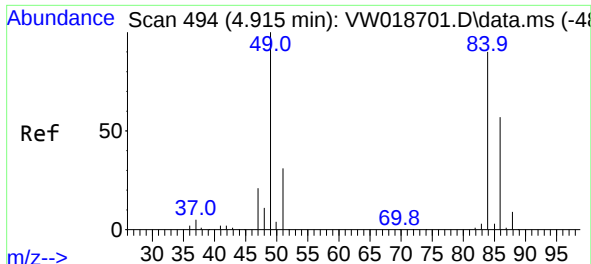
Tgt Ion: 43 Resp: 38899
Ion Ratio Lower Upper
43 100
58 33.0 0.0 53.8



#14
Carbon disulfide
Concen: 1.51 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW018708.D
Acq: 21 Apr 2021 13:34

Tgt Ion: 76 Resp: 36799
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

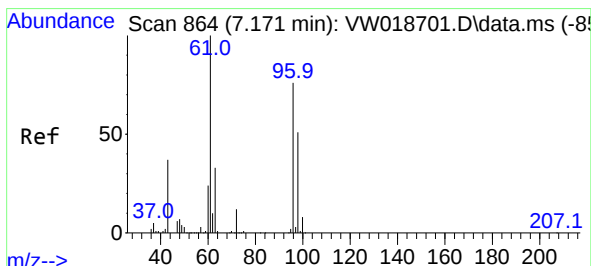
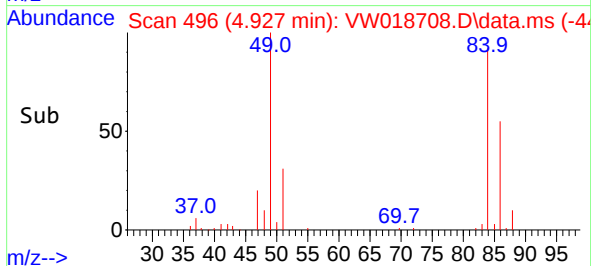
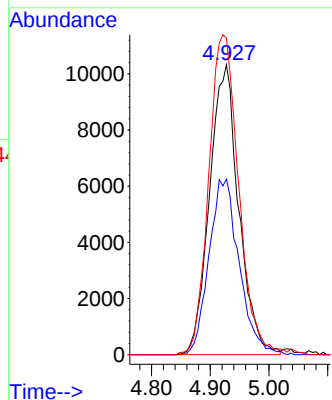
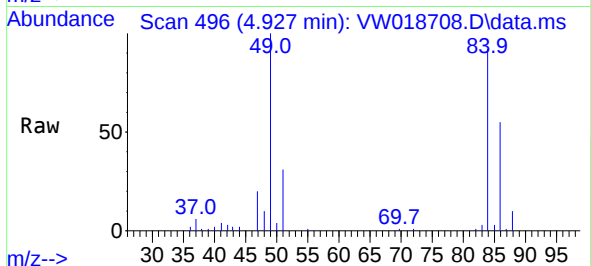




#16
Methylene chloride
Concen: 3.49 ug/L
RT: 4.927 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW018708.D
Acq: 21 Apr 2021 13:34

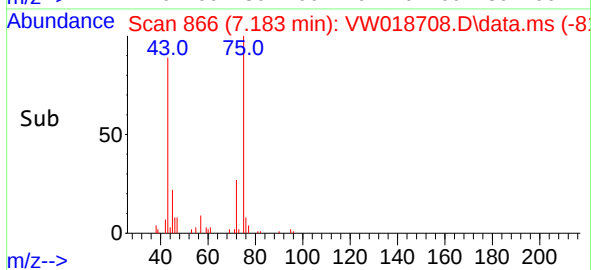
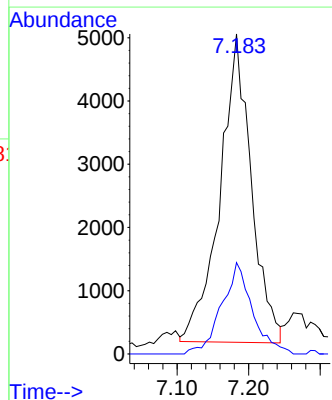
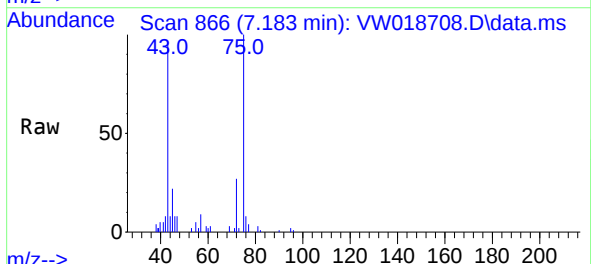
Instrument :
MSVOA_W
ClientSampled :
BG565

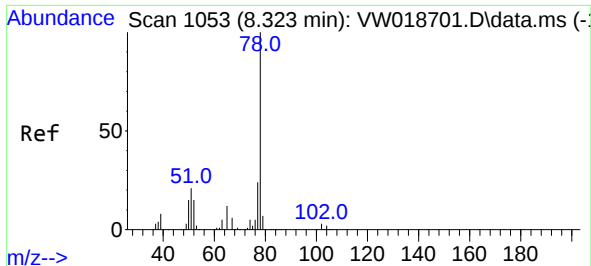
Tgt Ion: 84 Resp: 35575
Ion Ratio Lower Upper
84 100
86 60.5 45.3 84.1
49 109.2 86.6 160.8



#22
2-Butanone
Concen: 6.26 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW018708.D
Acq: 21 Apr 2021 13:34

Tgt Ion: 43 Resp: 14846
Ion Ratio Lower Upper
43 100
72 28.2 14.9 44.7

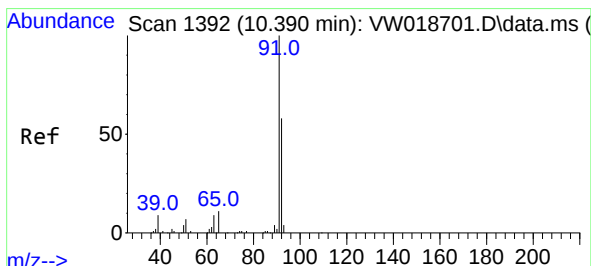
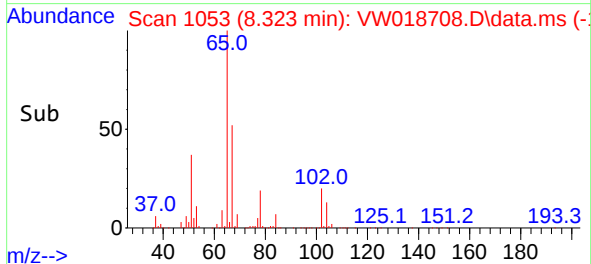
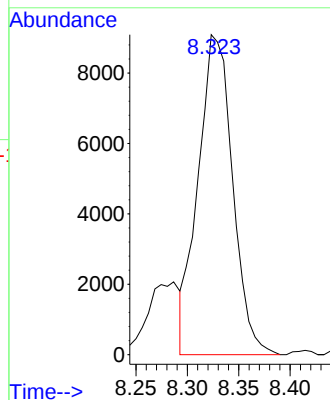
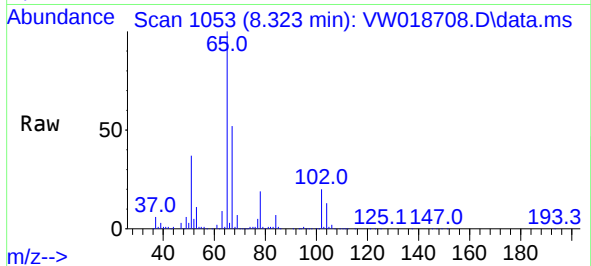




#33
Benzene
Concen: 0.71 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018708.D
Acq: 21 Apr 2021 13:34

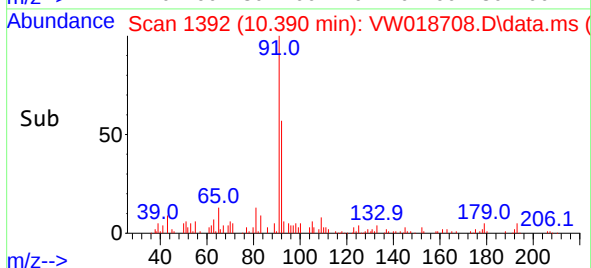
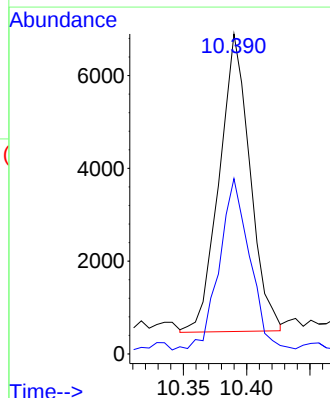
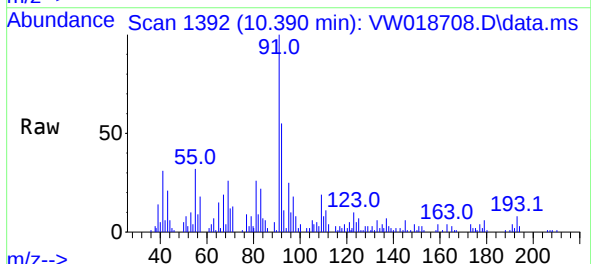
Instrument :
MSVOA_W
ClientSampled :
BG565

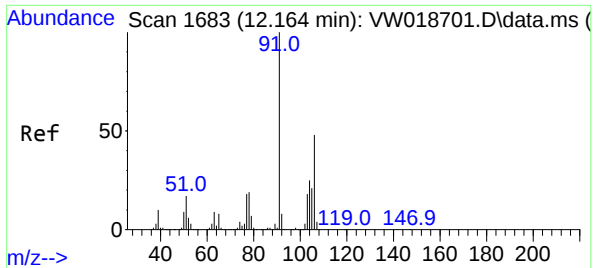
Tgt Ion: 78 Resp: 21216



#42
Toluene
Concen: 0.34 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018708.D
Acq: 21 Apr 2021 13:34

Tgt Ion: 91 Resp: 10835
Ion Ratio Lower Upper
91 100
92 54.8 39.5 73.3





#54
o-Xylene
Concen: 0.81 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW018708.D
Acq: 21 Apr 2021 13:34

Instrument :
MSVOA_W
ClientSampleId :
BG565

Tgt Ion:106 Resp: 10080
Ion Ratio Lower Upper
106 100
91 216.1 150.0 278.6

