

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
 Data File : VW018695.D
 Acq On : 20 Apr 2021 16:48
 Operator : SY/VA
 Sample : M2065-16
 Misc : 2.43G/10ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG569

Quant Time: Apr 21 01:31:21 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)

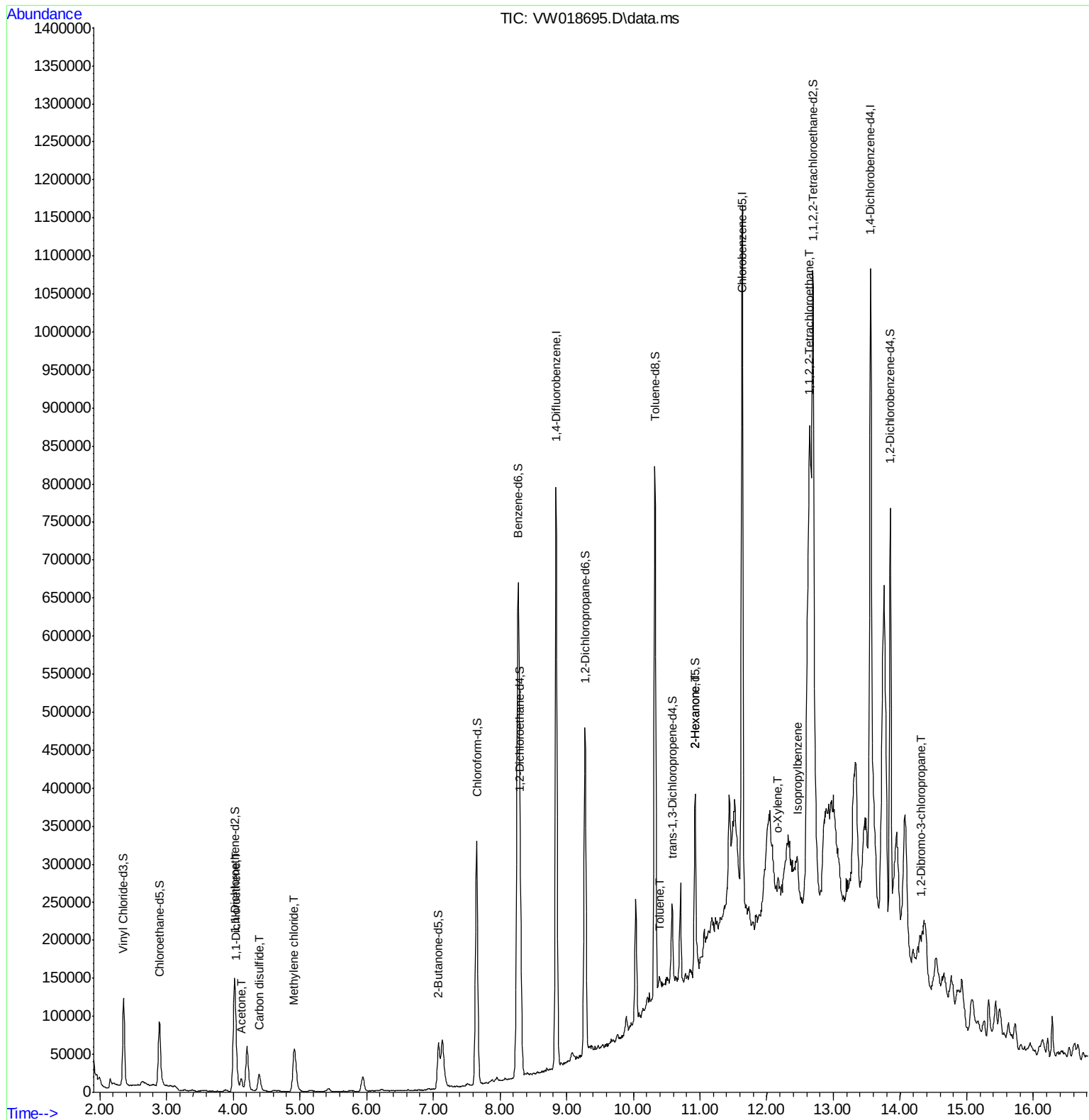
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	628980	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	498113	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	180722	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	131478	13.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	55.04%		
7) Chloroethane-d5	2.892	69	116247	13.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	54.88%		
11) 1,1-Dichloroethene-d2	4.019	63	164713	9.92	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	39.68%#		
21) 2-Butanone-d5	7.080	46	100717	46.29	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	92.58%		
24) Chloroform-d	7.653	84	328274	19.02	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	76.08%		
26) 1,2-Dichloroethane-d4	8.305	65	192518	19.84	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	79.36%		
32) Benzene-d6	8.275	84	561387	19.21	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	76.84%		
36) 1,2-Dichloropropane-d6	9.275	67	197422	22.42	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.68%		
41) Toluene-d8	10.323	98	460393	17.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	68.92%		
43) trans-1,3-Dichloroprop...	10.579	79	57040	15.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	60.88%		
47) 2-Hexanone-d5	10.927	63	83631	54.62	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	109.24%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	182175	24.77	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	99.08%		
66) 1,2-Dichlorobenzene-d4	13.853	152	144587	22.77	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.08%		
Target Compounds						
12) 1,1-Dichloroethene	4.038	96	2289	0.28	ug/L #	1
13) Acetone	4.123	43	27300	17.29	ug/L	89
14) Carbon disulfide	4.391	76	11179	0.45	ug/L #	91
16) Methylene chloride	4.916	84	48666	4.72	ug/L	97
42) Toluene	10.390	91	14712	0.44	ug/L	86
48) 2-Hexanone	10.927	43	12887	4.19	ug/L #	43
54) o-Xylene	12.164	106	3385	0.26	ug/L	64
57) 1,1,2,2-Tetrachloroethane	12.640	83	151445	20.70	ug/L #	34
60) Isopropylbenzene	12.469	105	15437	0.58	ug/L #	72
68) 1,2-Dibromo-3-chloropr...	14.316	75	1221	1.42	ug/L #	1

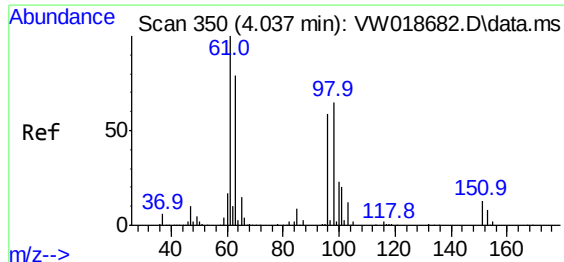
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Apr 21 01:26:40 2021
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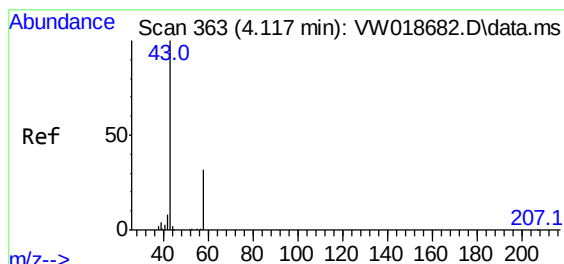
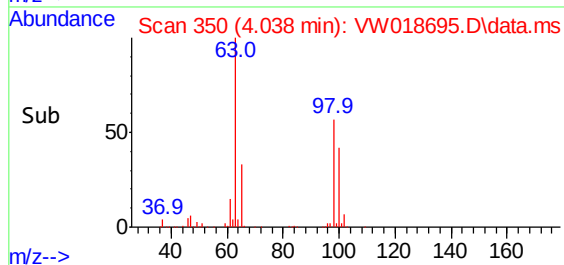
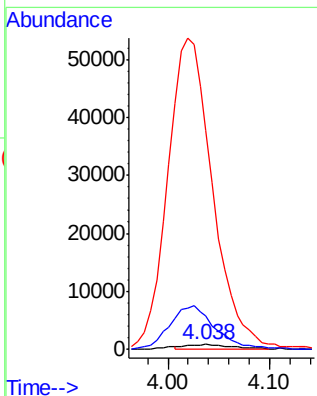
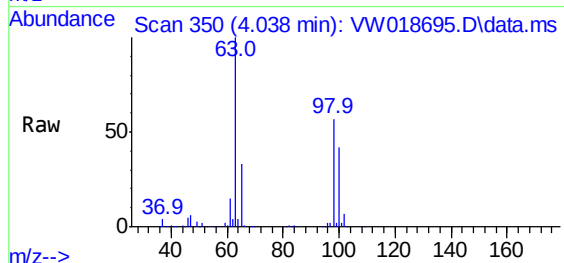




#12
1,1-Dichloroethene
Concen: 0.28 ug/L
RT: 4.038 min Scan# 350
Delta R.T. 0.000 min
Lab File: VW018695.D
Acq: 20 Apr 2021 16:48

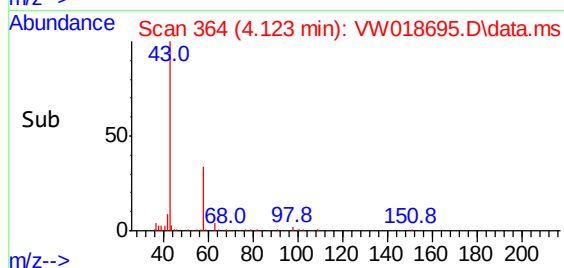
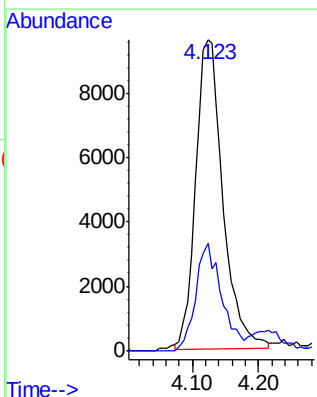
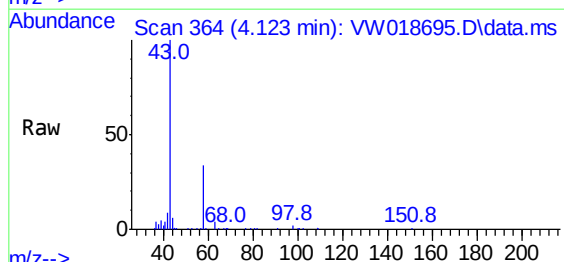
Instrument :
MSVOA_W
ClientSampleId :
BG569

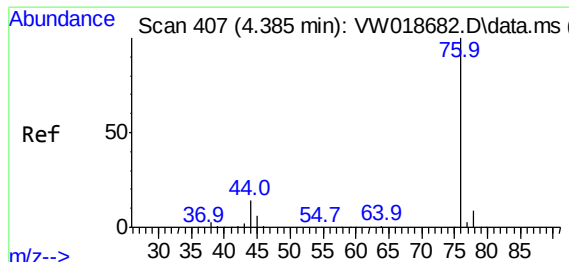
Tgt Ion: 96 Resp: 2289
Ion Ratio Lower Upper
96 100
61 728.3 118.1 219.3#
63 4819.4 83.7 155.5#



#13
Acetone
Concen: 17.29 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.007 min
Lab File: VW018695.D
Acq: 20 Apr 2021 16:48

Tgt Ion: 43 Resp: 27300
Ion Ratio Lower Upper
43 100
58 32.8 0.0 53.8

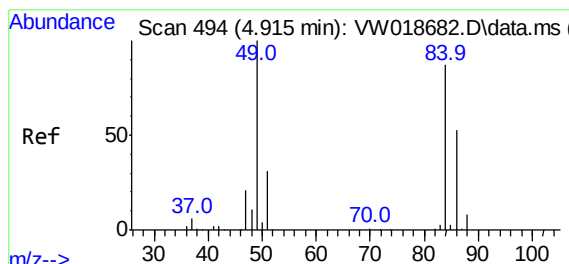
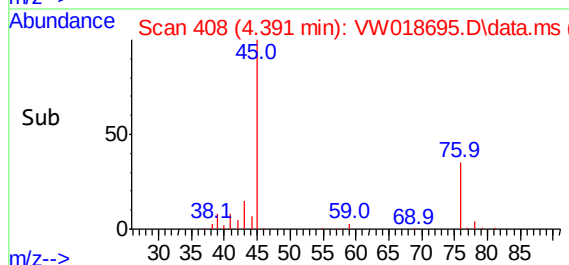
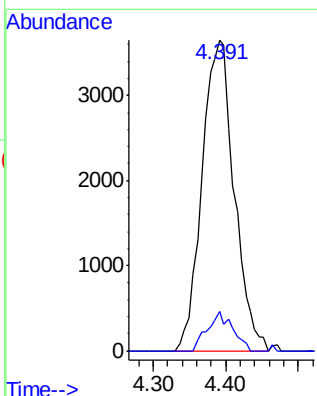
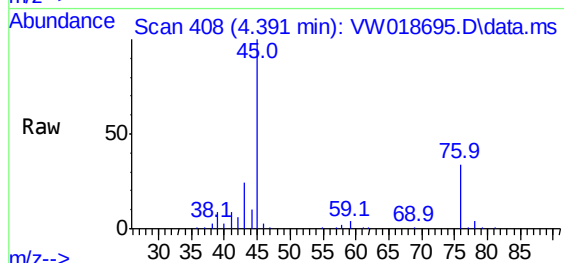




#14
Carbon disulfide
Concen: 0.45 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018695.D
Acq: 20 Apr 2021 16:48

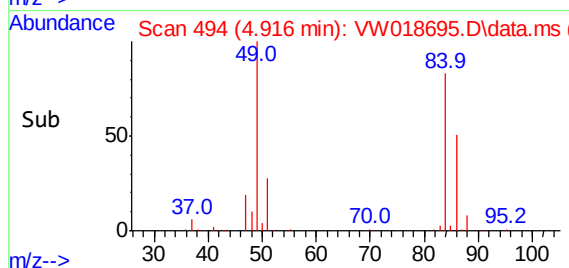
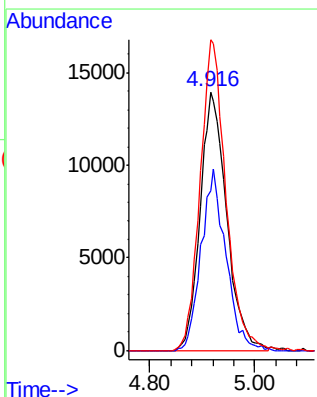
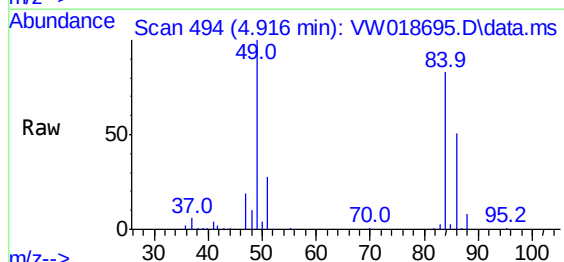
Instrument :
MSVOA_W
ClientSampled :
BG569

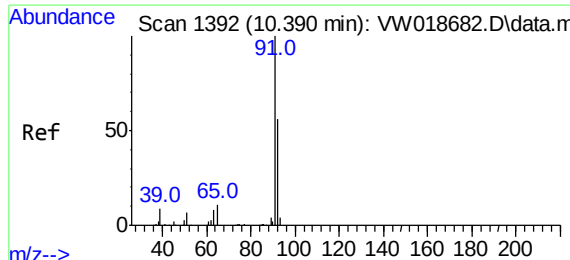
Tgt Ion: 76 Resp: 11179
Ion Ratio Lower Upper
76 100
78 12.6 7.4 11.0#



#16
Methylene chloride
Concen: 4.72 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018695.D
Acq: 20 Apr 2021 16:48

Tgt Ion: 84 Resp: 48666
Ion Ratio Lower Upper
84 100
86 61.8 45.3 84.1
49 120.2 86.6 160.8





#42

Toluene

Concen: 0.44 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW018695.D

Acq: 20 Apr 2021 16:48

Instrument :

MSVOA_W

ClientSampled :

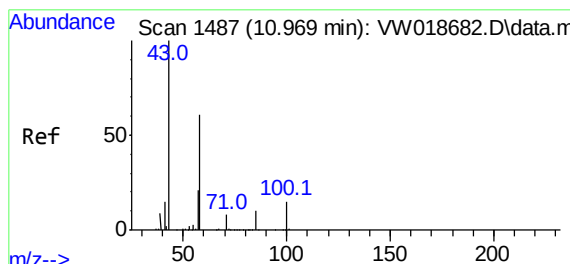
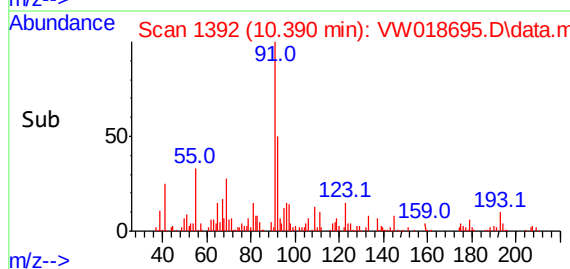
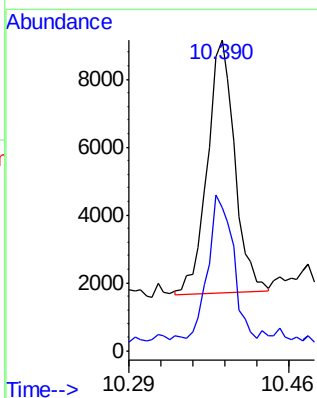
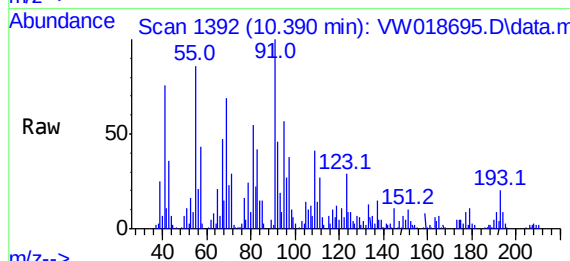
BG569

Tgt Ion: 91 Resp: 14712

Ion Ratio Lower Upper

91 100

92 46.0 39.5 73.3



#48

2-Hexanone

Concen: 4.19 ug/L

RT: 10.927 min Scan# 1480

Delta R.T. -0.042 min

Lab File: VW018695.D

Acq: 20 Apr 2021 16:48

Tgt Ion: 43 Resp: 12887

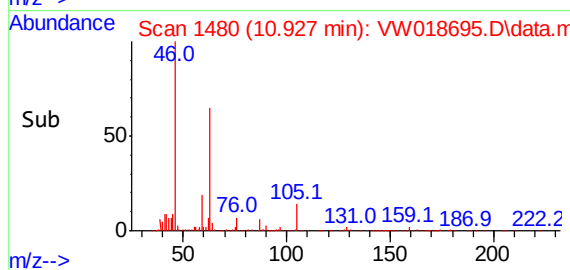
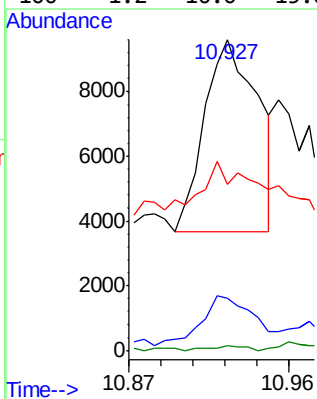
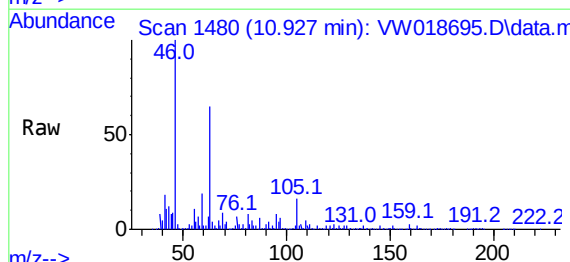
Ion Ratio Lower Upper

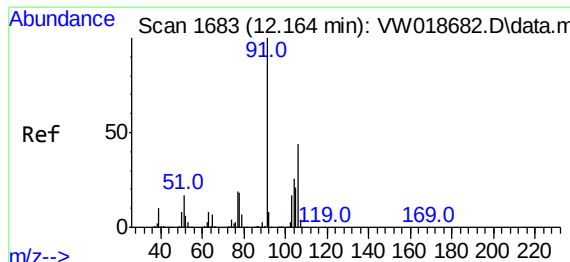
43 100

58 0.0 42.7 64.1#

57 7.1 15.8 23.8#

100 1.2 10.0 15.0#

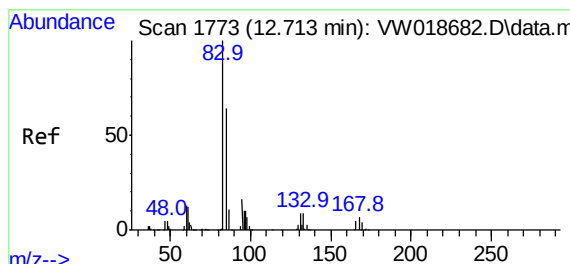
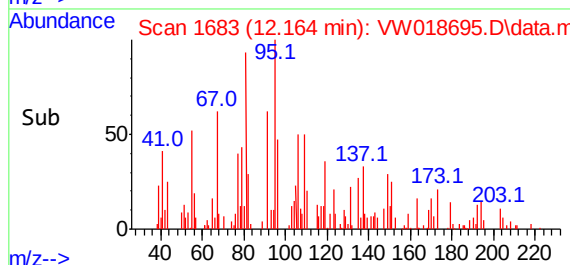
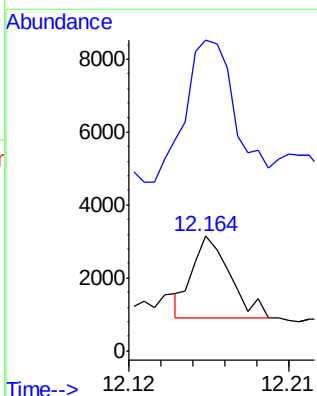
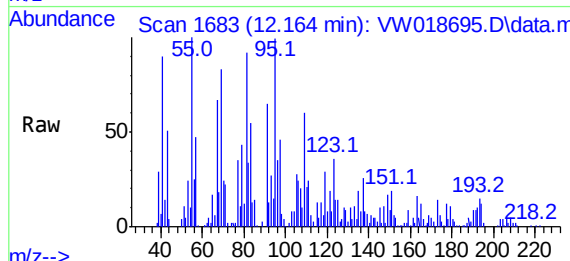




#54
o-Xylene
Concen: 0.26 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018695.D
Acq: 20 Apr 2021 16:48

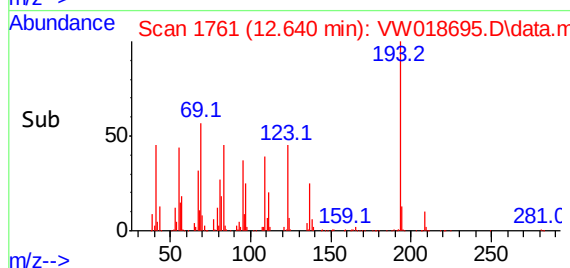
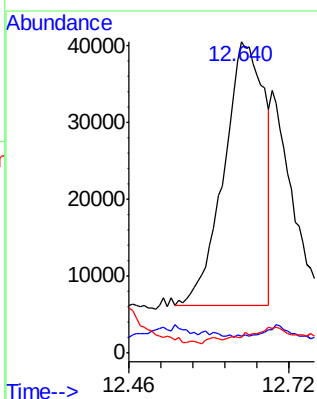
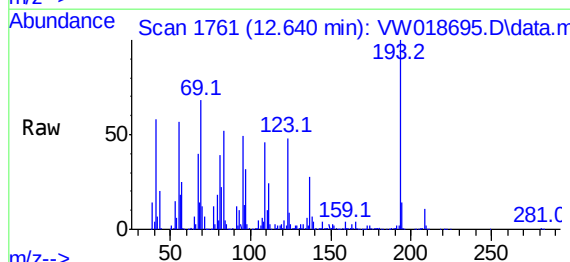
Instrument :
MSVOA_W
ClientSampled :
BG569

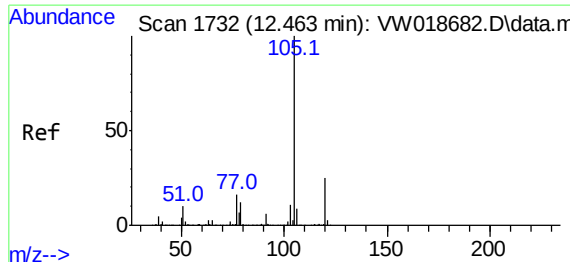
Tgt Ion:106 Resp: 3385
Ion Ratio Lower Upper
106 100
91 271.6 150.0 278.6



#57
1,1,2,2-Tetrachloroethane
Concen: 20.70 ug/L
RT: 12.640 min Scan# 1761
Delta R.T. -0.073 min
Lab File: VW018695.D
Acq: 20 Apr 2021 16:48

Tgt Ion: 83 Resp: 151445
Ion Ratio Lower Upper
83 100
85 5.2 44.4 82.4#
131 4.9 8.2 12.4#

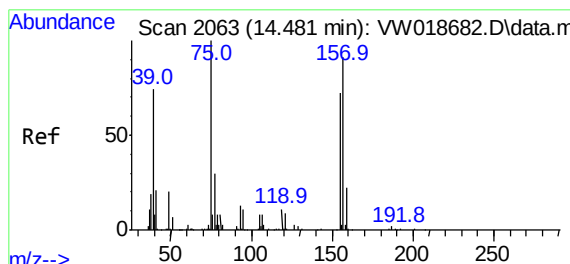
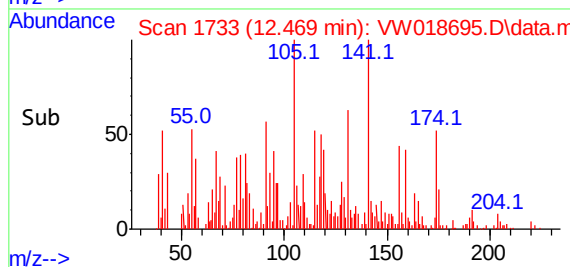
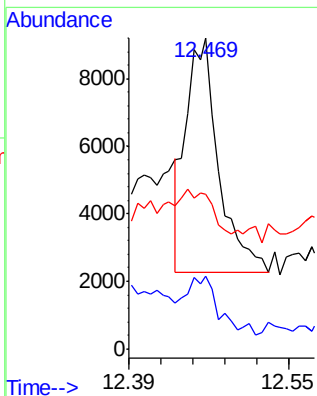
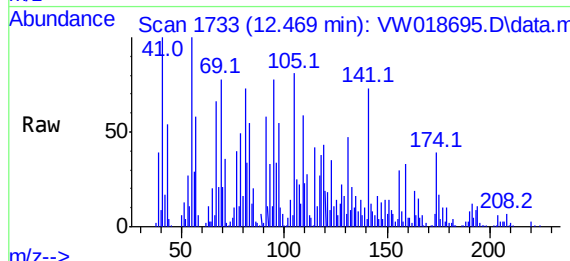




#60
Isopropylbenzene
Concen: 0.58 ug/L
RT: 12.469 min Scan# 1733
Delta R.T. 0.007 min
Lab File: VW018695.D
Acq: 20 Apr 2021 16:48

Instrument :
MSVOA_W
ClientSampled :
BG569

Tgt Ion: 105 Resp: 15437
Ion Ratio Lower Upper
105 100
120 13.9 21.1 31.7#
77 2.1 13.2 19.8#



#68
1,2-Dibromo-3-chloropropane
Concen: 1.42 ug/L
RT: 14.316 min Scan# 2036
Delta R.T. -0.164 min
Lab File: VW018695.D
Acq: 20 Apr 2021 16:48

Tgt Ion: 75 Resp: 1221
Ion Ratio Lower Upper
75 100
155 202.2 59.4 89.0#
157 336.7 72.2 108.2#

