

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111020\
 Data File : VW017138.D
 Acq On : 10 Nov 2020 14:24
 Operator : SY/VA
 Sample : L4659-17
 Misc : 6.16G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4B6

Quant Time: Nov 11 05:39:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 11 05:30:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	476296	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	435181	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196711	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	134388	22.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.60%
7) Chloroethane-d5	2.89	69	113036	24.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.80%
10) 1,1-Dichloroethene-d2	4.03	63	181592	16.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.68%
20) 2-Butanone-d5	7.09	46	43762	32.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.24%
24) Chloroform-d	7.65	84	260092	23.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.56%
26) 1,2-Dichloroethane-d4	8.31	65	128011	23.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.64%
29) Benzene-d6	8.28	84	530165	23.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.68%
33) 1,2-Dichloropropane-d6	9.27	67	144240	23.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.12%
37) Toluene-d8	10.33	98	497421	23.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.20%
38) trans-1,3-Dichloropropene-	10.58	79	44064	15.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.76%
39) 2-Hexanone-d5	10.93	63	34884	32.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102398	19.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	169335	24.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.72%

Target Compounds

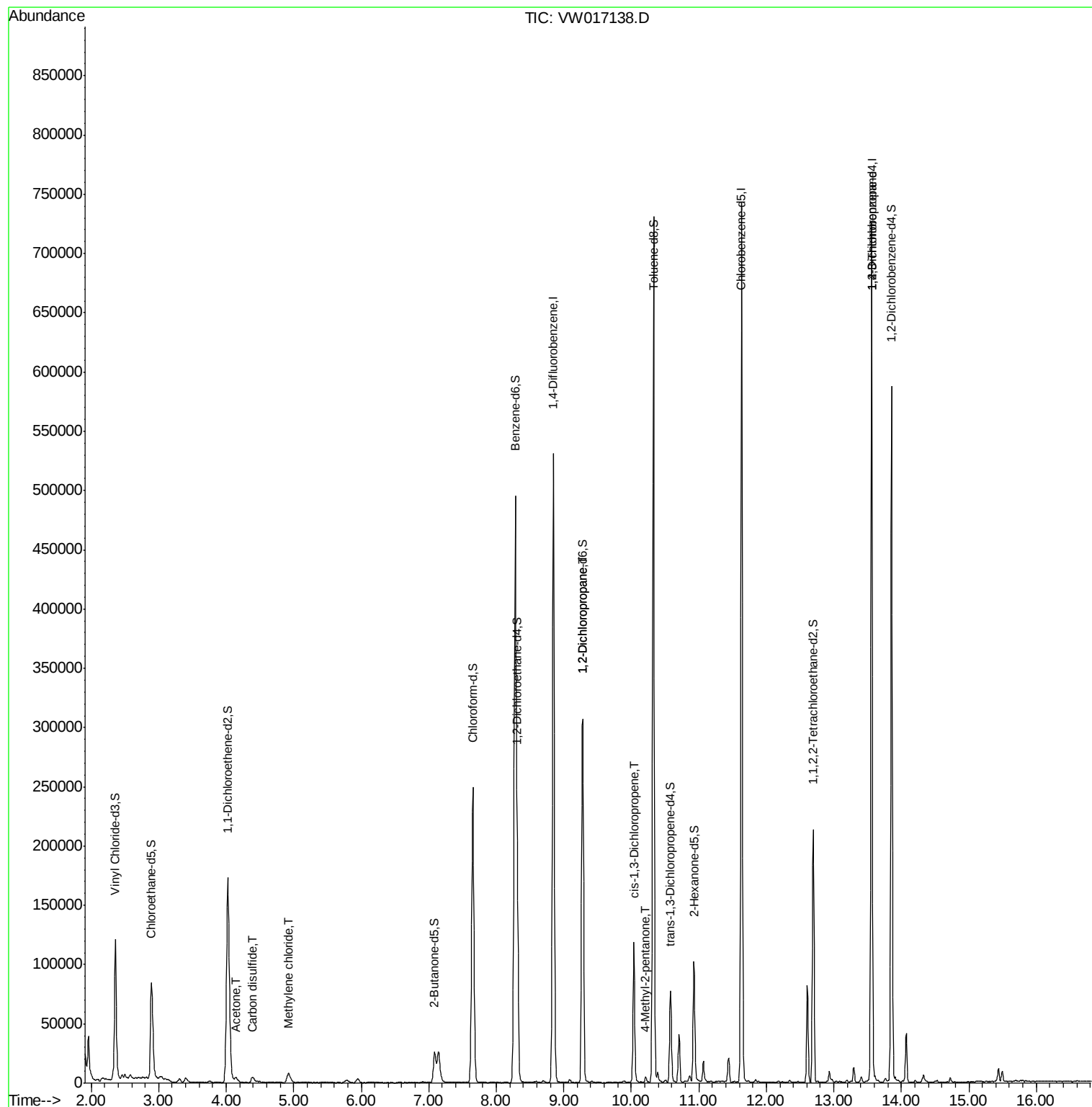
					Ovalue
13) Acetone	4.15	43	7230	8.049	ug/L 100
14) Carbon disulfide	4.39	76	10583	0.658	ug/L 98
16) Methylene chloride	4.93	84	7290	1.135	ug/L 93
40) 1,2-Dichloropropane	9.28	63	16582	3.104	ug/L # 85
42) cis-1,3-Dichloropropene	10.04	75	3069	0.363	ug/L # 60
43) 4-Methyl-2-pentanone	10.21	43	3571	1.084	ug/L # 89
59) 1,2,3-Trichloropropane	13.55	75	20446	5.346	ug/L 92

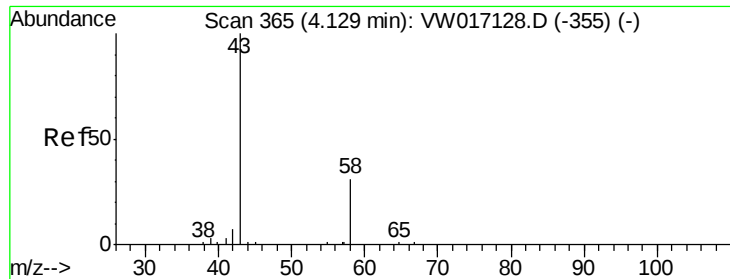
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 8.049 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW017138.D

Acq: 10 Nov 2020 14:24

Instrument :

MSVOA_W

ClientSampleId :

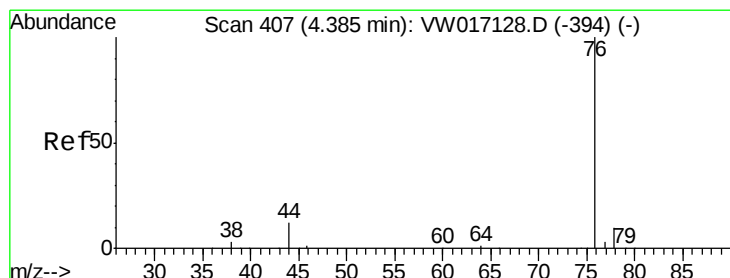
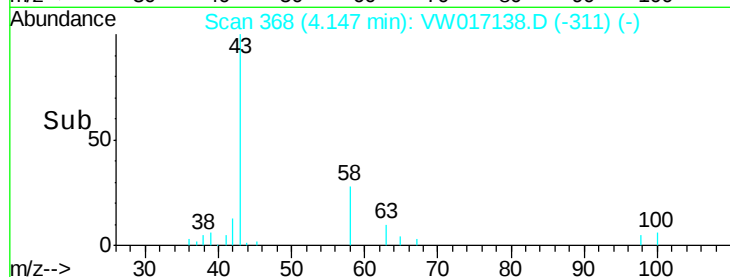
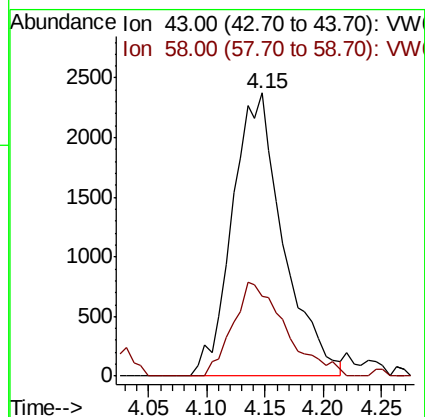
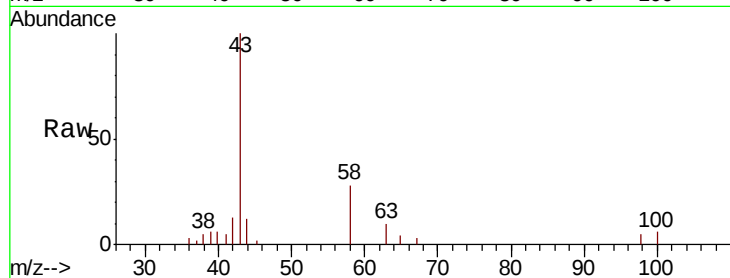
BG4B6

Tot Ion: 43 Resp: 7230

Ion Ratio Lower Upper

43 100

58 34.4 0.0 69.2



#14

Carbon disulfide

Concen: 0.658 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW017138.D

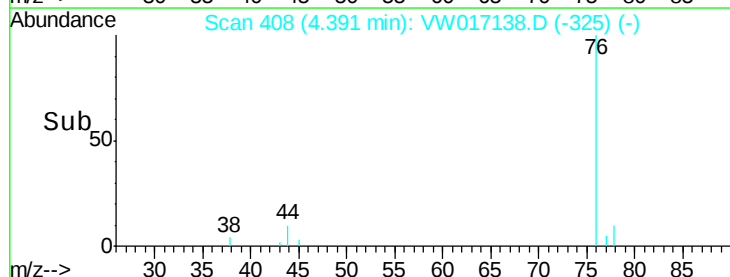
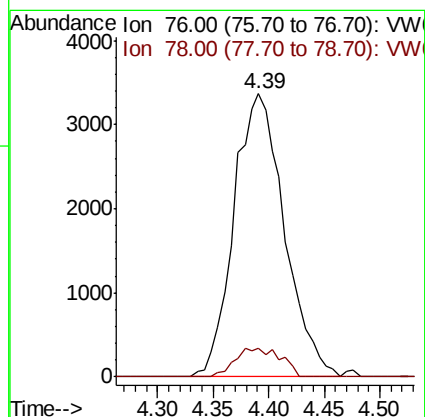
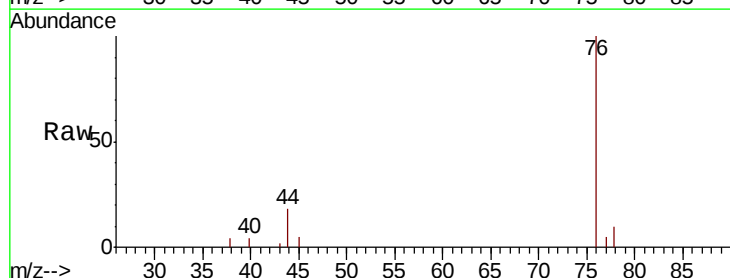
Acq: 10 Nov 2020 14:24

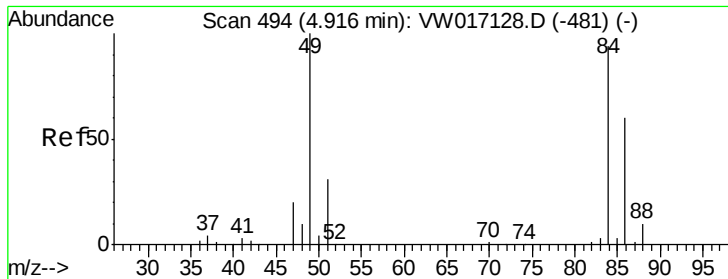
Tgt Ion: 76 Resp: 10583

Ion Ratio Lower Upper

76 100

78 10.2 7.6 11.4

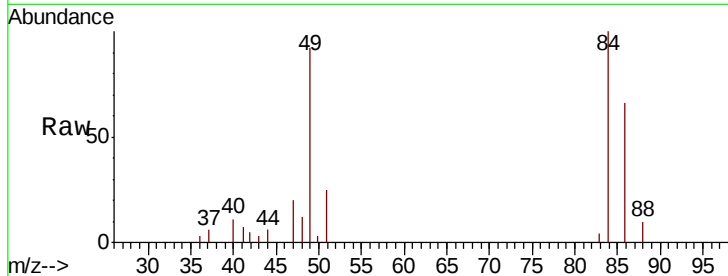




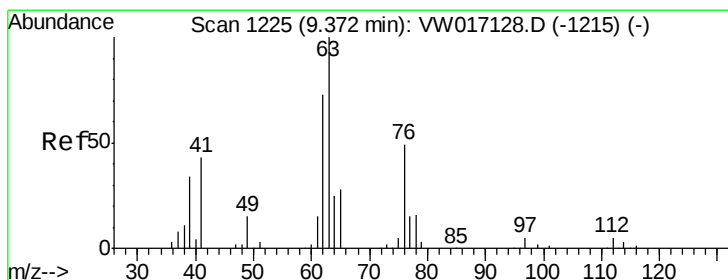
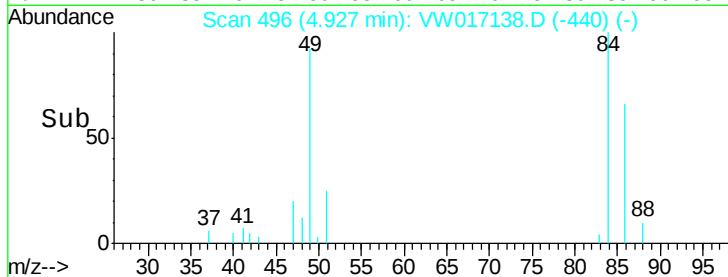
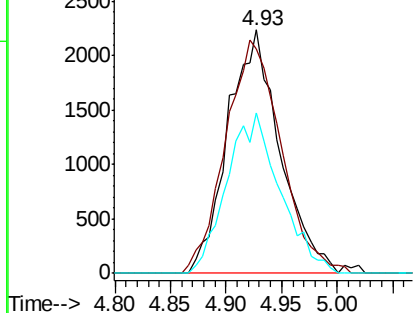
#16
Methvlene chloride
Concen: 1.135 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW017138.D
Acq: 10 Nov 2020 14:24

Instrument :
MSVOA_W
ClientSampleId :
BG4B6

Tot Ion: 84 Resp: 7290
Ion Ratio Lower Upper
84 100
49 92.3 72.3 134.3
86 66.0 45.1 83.7

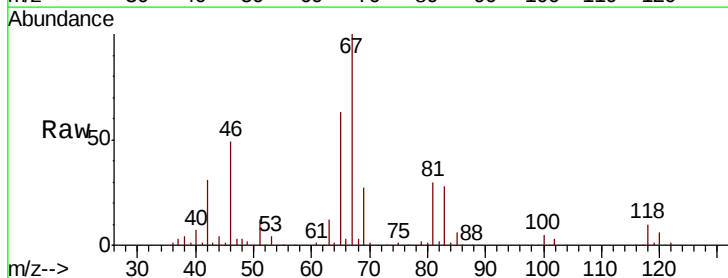


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

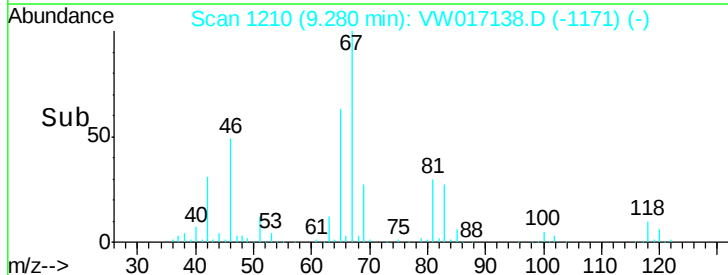
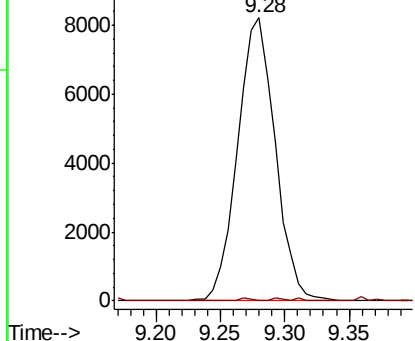


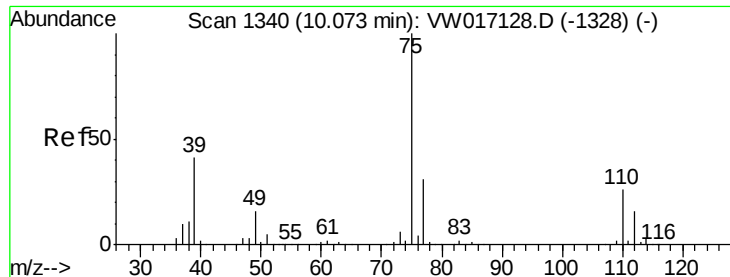
#40
1,2-Dichloropropane
Concen: 3.104 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW017138.D
Acq: 10 Nov 2020 14:24

Tgt Ion: 63 Resp: 16582
Ion Ratio Lower Upper
63 100
112 0.3 4.2 6.2#



Abundance Ion 63.00 (62.70 to 63.70): VW
Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.363 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW017138.D

Acq: 10 Nov 2020 14:24

Instrument :

MSVOA_W

ClientSampleId :

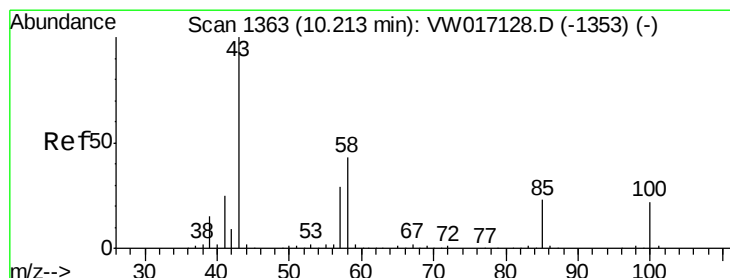
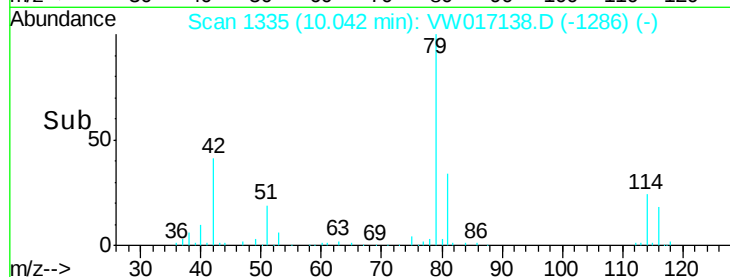
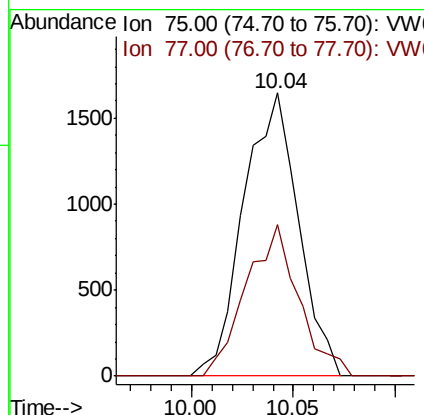
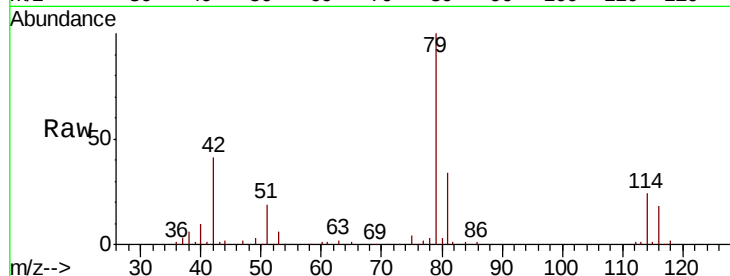
BG4B6

Tot Ion: 75 Resp: 3069

Ion Ratio Lower Upper

75 100

77 53.8 22.0 41.0#



#43

4-Methyl-2-pentanone

Concen: 1.084 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW017138.D

Acq: 10 Nov 2020 14:24

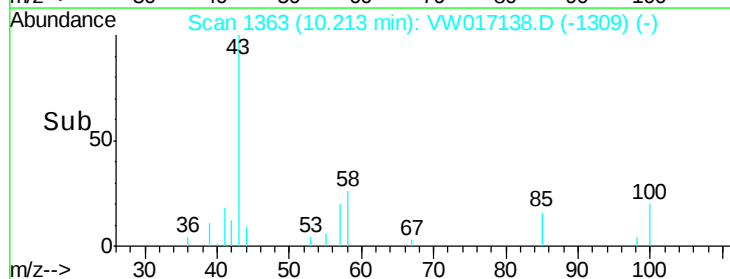
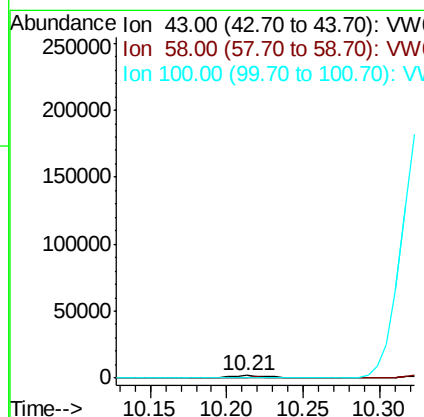
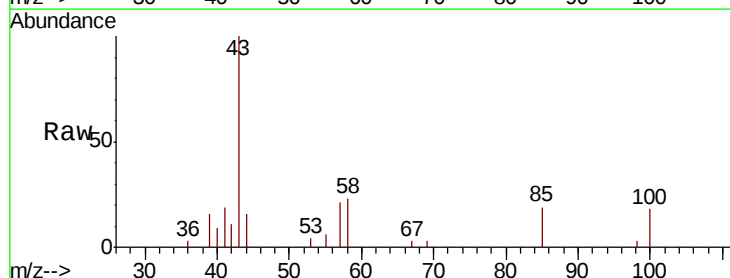
Tgt Ion: 43 Resp: 3571

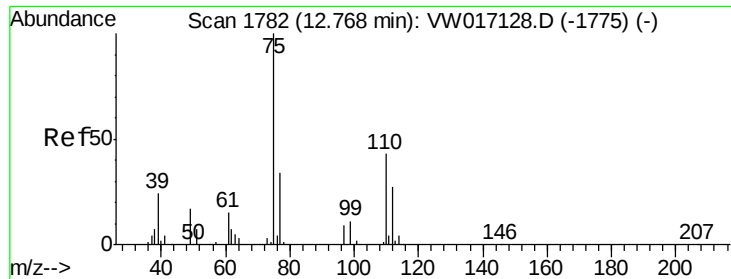
Ion Ratio Lower Upper

43 100

58 37.0 35.0 52.6

100 14.6 16.6 24.8#





#59

1,2,3-Trichloropropane

Concen: 5.346 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017138.D

Acq: 10 Nov 2020 14:24

Instrument :

MSVOA_W

ClientSampleId :

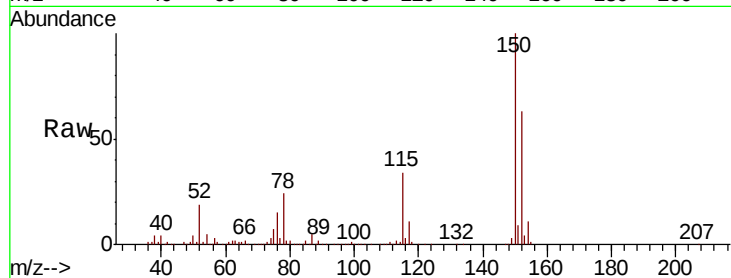
BG4B6

Tot Ion: 75 Resp: 20446

Ion Ratio Lower Upper

75 100

77 37.6 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

