

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092420\
 Data File : VW016629.D
 Acq On : 23 Sep 2020 14:26
 Operator : SY/VA
 Sample : L4108-12
 Misc : 5.78G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3K9

Quant Time: Sep 24 04:42:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 24 04:34:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	684820	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	600631	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	283603	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	169162	25.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.08%
7) Chloroethane-d5	2.90	69	145733	26.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.72%
10) 1,1-Dichloroethene-d2	4.03	63	267384	18.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.16%
20) 2-Butanone-d5	7.09	46	72903	40.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.68%
24) Chloroform-d	7.65	84	372638	26.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.04%
26) 1,2-Dichloroethane-d4	8.31	65	191750	26.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.28%
29) Benzene-d6	8.28	84	746735	27.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.88%
33) 1,2-Dichloropropane-d6	9.28	67	199755	27.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.44%
37) Toluene-d8	10.33	98	708090	26.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.88%
38) trans-1,3-Dichloropropene-	10.58	79	87243	23.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.84%
39) 2-Hexanone-d5	10.93	63	58937	44.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	144480	23.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	242167	26.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.88%

Target Compounds

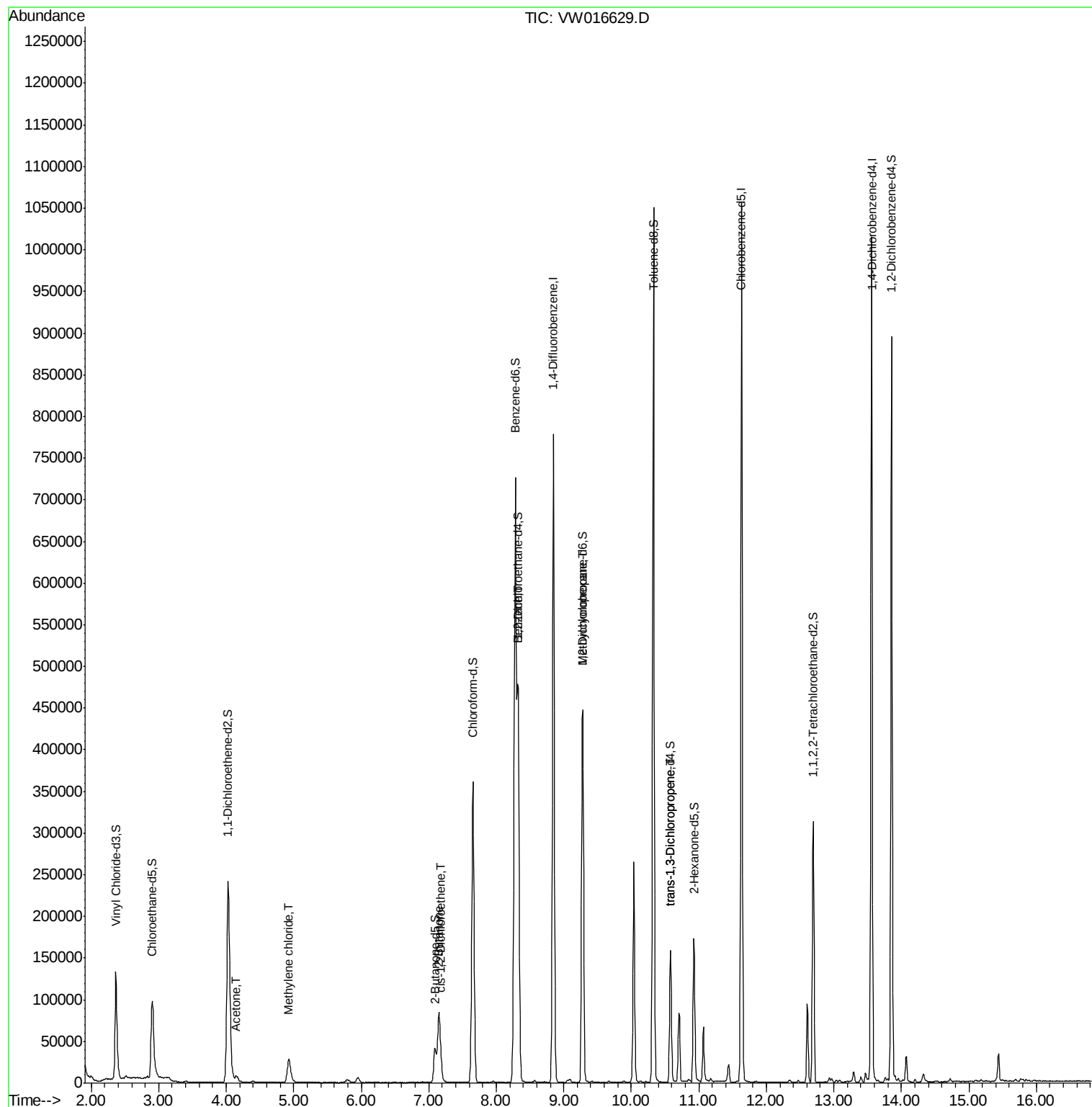
					Ovalue
13) Acetone	4.15	43	6540	4.620 ug/L #	25
16) Methylene chloride	4.93	84	25838	2.446 ug/L	98
21) 2-Butanone	7.15	43	3558	1.477 ug/L	76
22) cis-1,2-Dichloroethene	7.18	96	6504	0.698 ug/L	92
34) Benzene	8.33	78	337067	10.470 ug/L	100
36) Methylcyclohexane	9.28	83	53281	3.373 ug/L #	21
45) trans-1,3-Dichloropropene	10.58	75	4274	0.384 ug/L	89

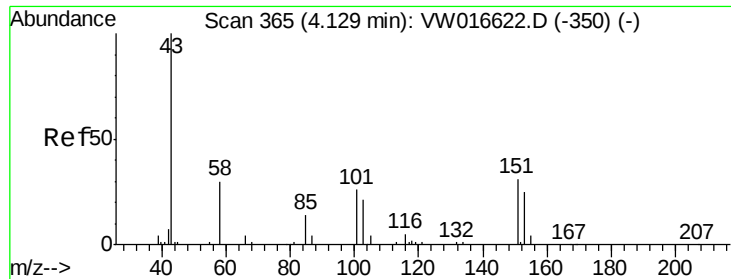
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.620 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW016629.D

Acq: 23 Sep 2020 14:26

Instrument :

MSVOA_W

ClientSampleId :

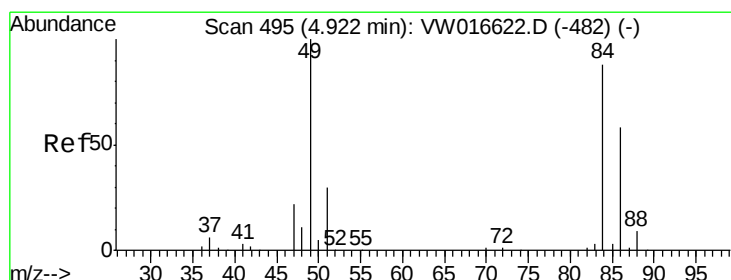
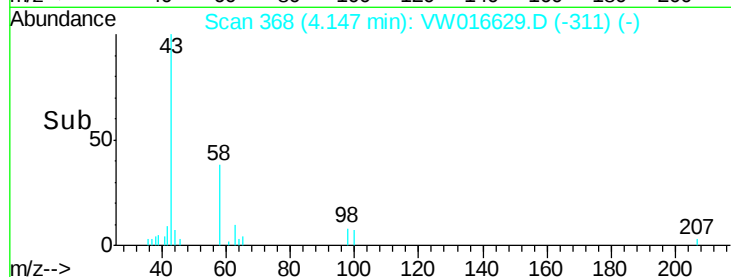
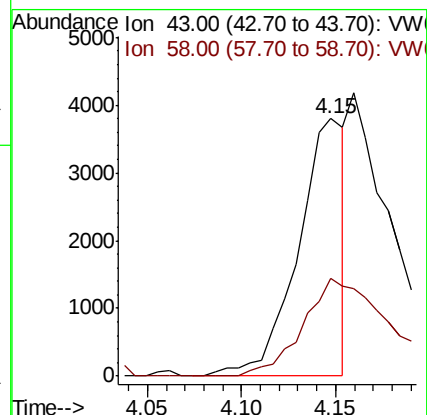
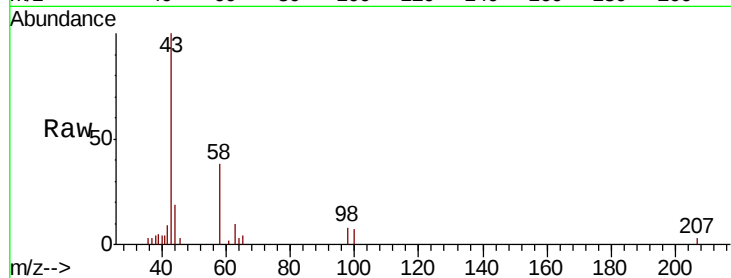
BG3K9

Tot Ion: 43 Resp: 6540

Ion Ratio Lower Upper

43 100

58 70.8 0.0 60.2#



#16

Methylene chloride

Concen: 2.446 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW016629.D

Acq: 23 Sep 2020 14:26

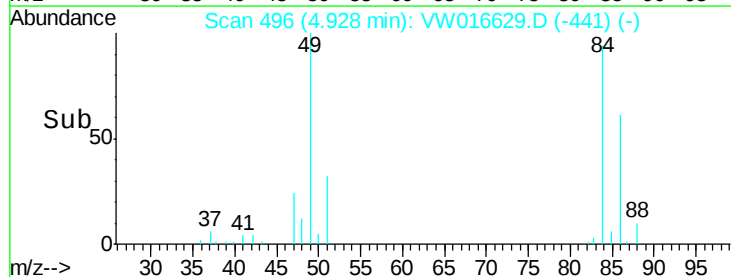
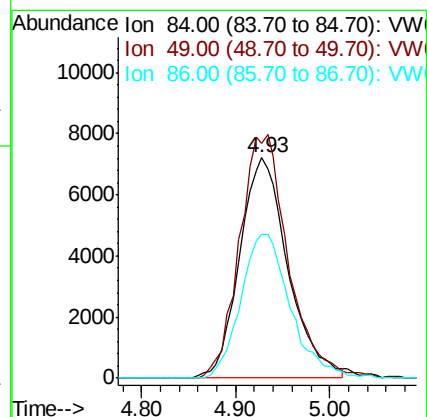
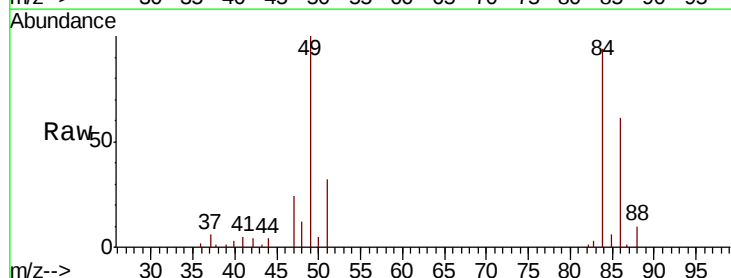
Tgt Ion: 84 Resp: 25838

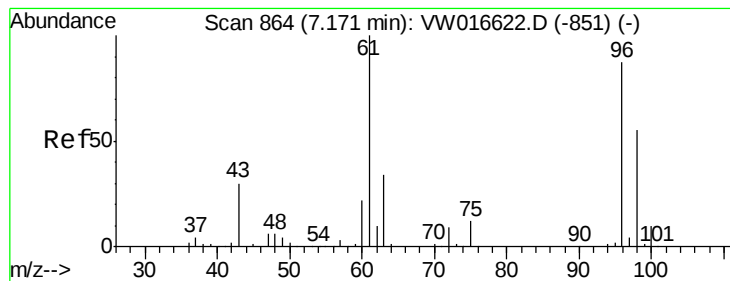
Ion Ratio Lower Upper

84 100

49 106.7 76.0 141.2

86 66.1 45.6 84.6





#21

2-Butanone

Concen: 1.477 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW016629.D

Acq: 23 Sep 2020 14:26

Instrument :

MSVOA_W

ClientSampleId :

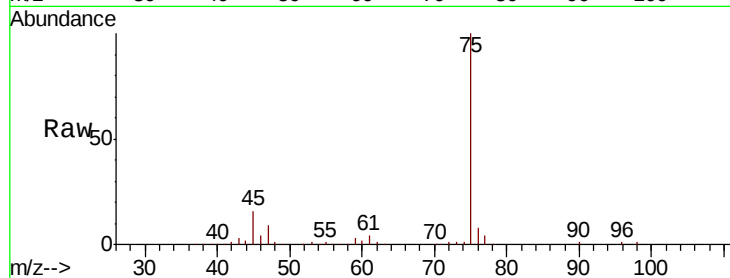
BG3K9

Tot Ion: 43 Resp: 3558

Ion Ratio Lower Upper

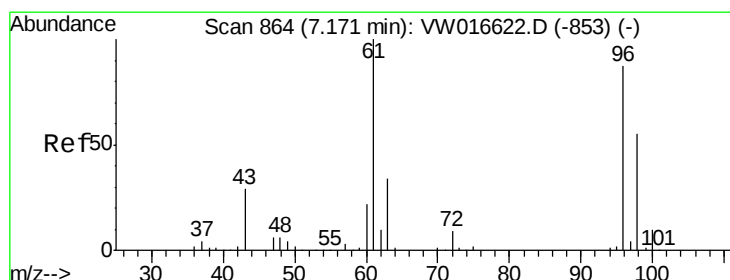
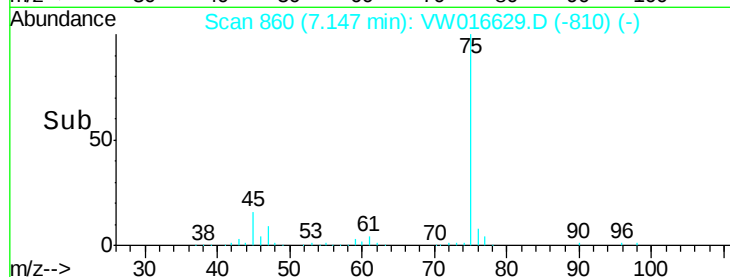
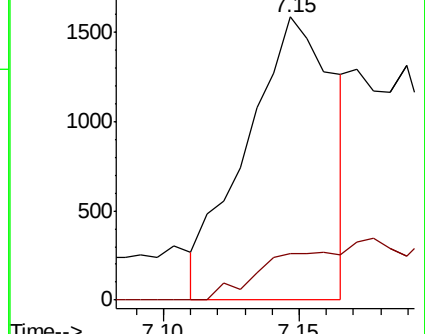
43 100

72 16.4 14.6 43.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#22

cis-1,2-Dichloroethene

Concen: 0.698 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW016629.D

Acq: 23 Sep 2020 14:26

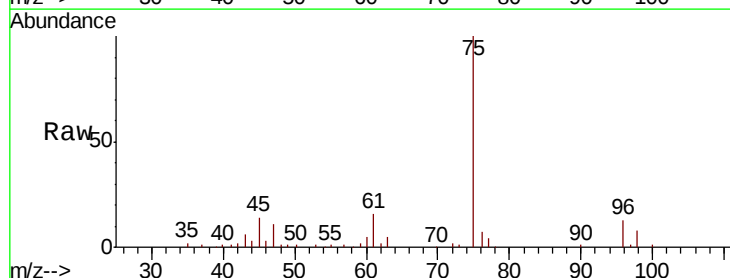
Tgt Ion: 96 Resp: 6504

Ion Ratio Lower Upper

96 100

61 124.4 78.4 145.6

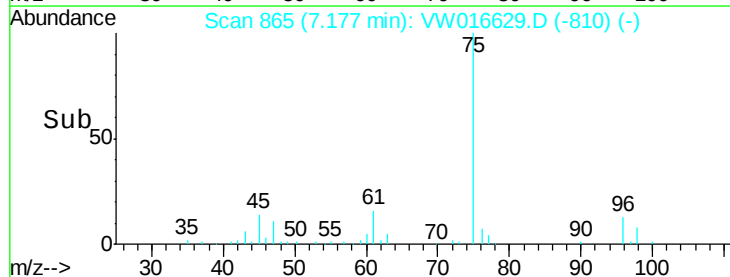
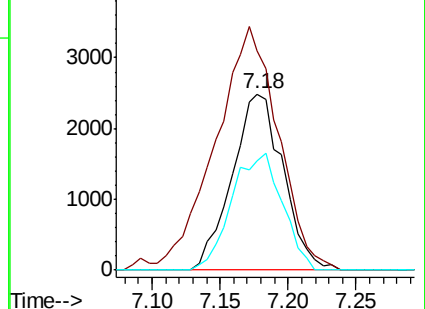
98 62.0 44.8 83.2

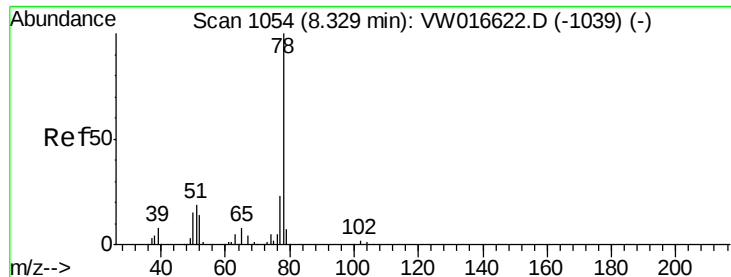


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW





#34

Benzene

Concen: 10.470 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VW016629.D

Acq: 23 Sep 2020 14:26

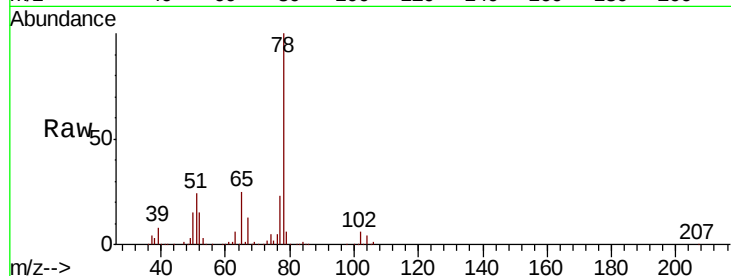
Instrument :

MSVOA_W

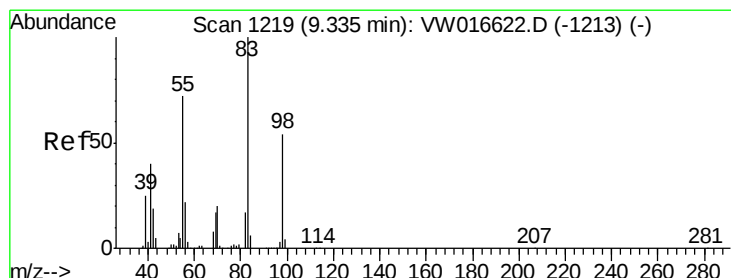
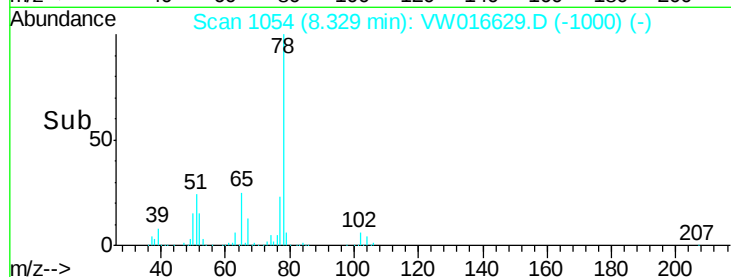
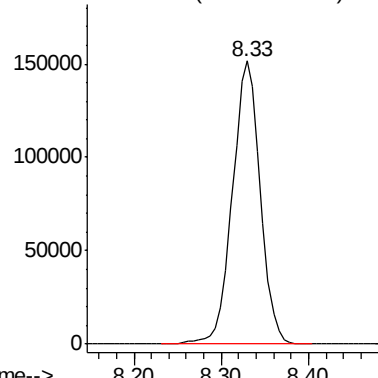
ClientSampleId :

BG3K9

Tgt Ion: 78 Resp: 337067



Abundance Ion 78.00 (77.70 to 78.70): VW



#36

Methylcyclohexane

Concen: 3.373 ug/L

RT: 9.28 min Scan# 1210

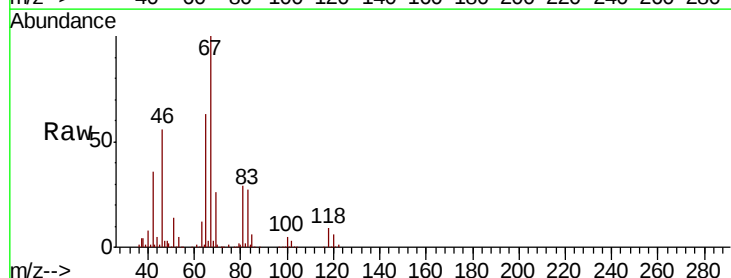
Delta R.T. -0.05 min

Lab File: VW016629.D

Acq: 23 Sep 2020 14:26

Tgt Ion: 83 Resp: 53281

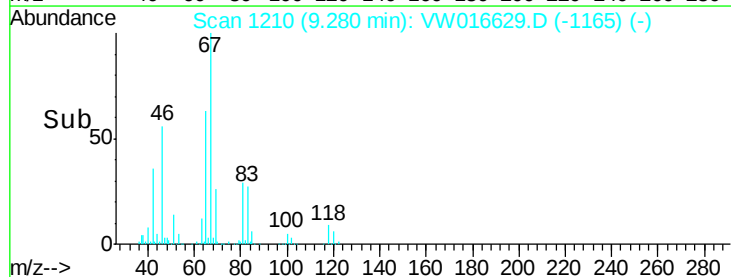
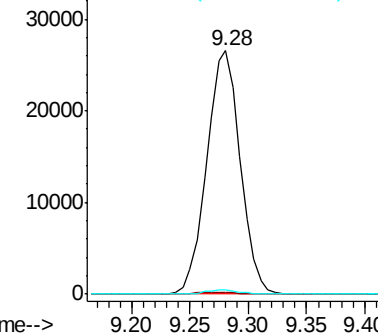
Ion	Ratio	Lower	Upper
83	100		
55	0.4	55.9	83.9#
98	1.8	42.1	63.1#

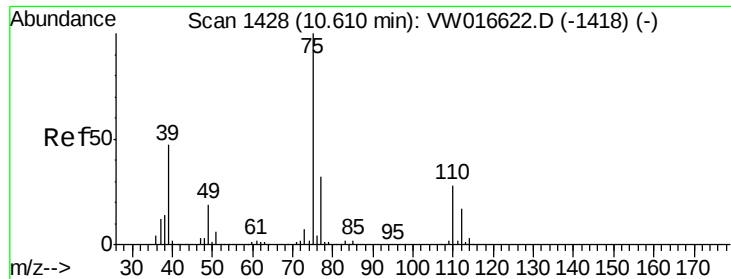


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.384 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016629.D

Acq: 23 Sep 2020 14:26

Instrument :

MSVOA_W

ClientSampleId :

BG3K9

Tot Ion: 75 Resp: 4274

Ion Ratio Lower Upper

75 100

77 38.4 22.5 41.9

