

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061720\
 Data File : VW015621.D
 Acq On : 17 Jun 2020 16:58
 Operator : SY/VA
 Sample : L3027-08
 Misc : 5.38G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2L1

Quant Time: Jun 18 07:18:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 18 07:15:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	362723	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	332136	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	150880	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	95820	28.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.32%
7) Chloroethane-d5	2.90	69	79196	23.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.84%
10) 1,1-Dichloroethene-d2	4.01	63	137880	17.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.08%
20) 2-Butanone-d5	7.08	46	44930	41.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.80%
24) Chloroform-d	7.65	84	180895	21.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.28%
26) 1,2-Dichloroethane-d4	8.31	65	103431	22.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.64%
29) Benzene-d6	8.27	84	360473	22.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.52%
33) 1,2-Dichloropropane-d6	9.27	67	105236	21.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.04%
37) Toluene-d8	10.33	98	328885	20.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.08%
38) trans-1,3-Dichloropropene-	10.58	79	42220	18.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.76%
39) 2-Hexanone-d5	10.93	63	34024	39.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	74590	20.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	104362	20.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.56%

Target Compounds

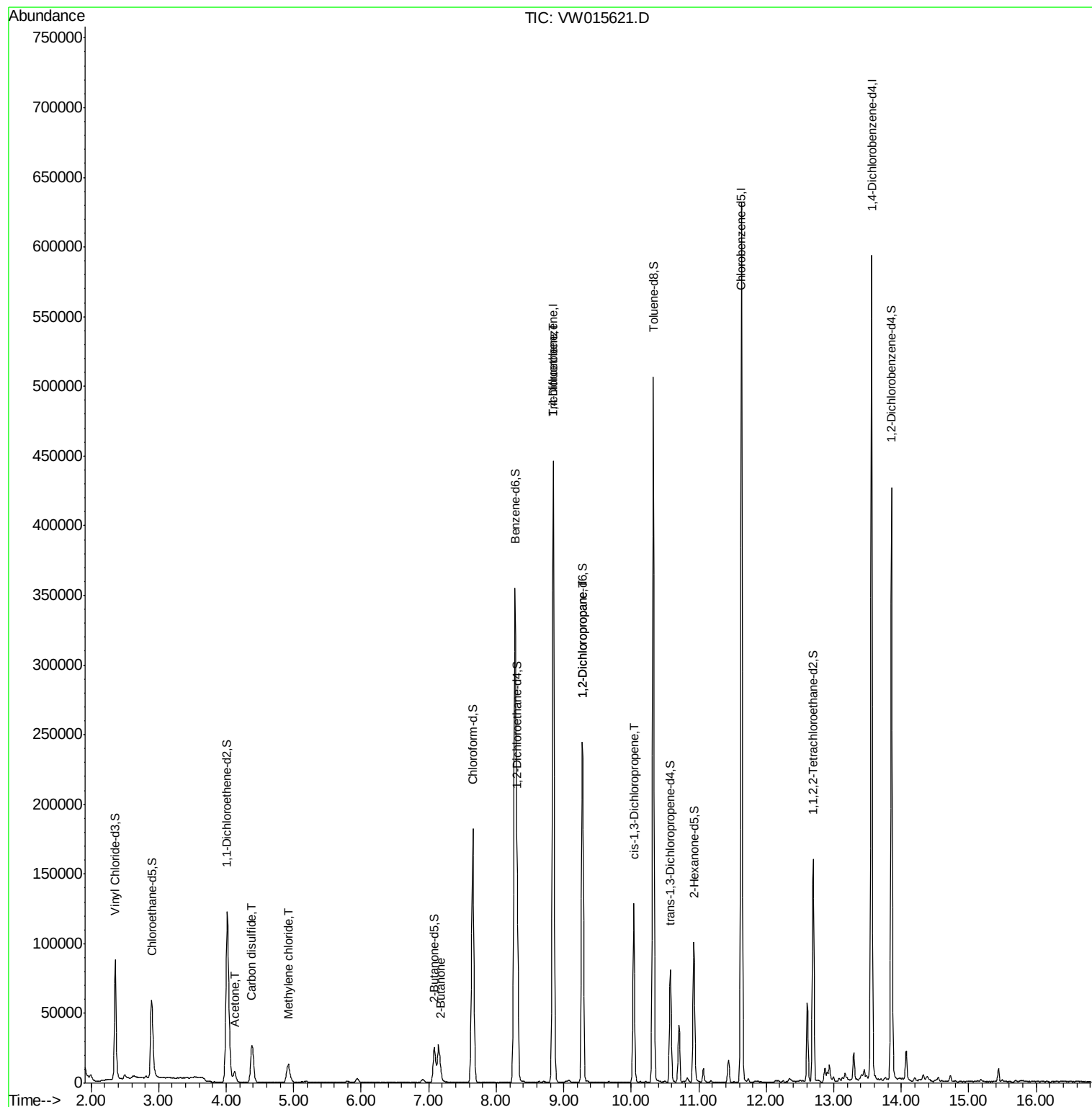
					Ovalue
13) Acetone	4.13	43	12355	14.726	ug/L 97
14) Carbon disulfide	4.38	76	56877	3.942	ug/L 97
16) Methylene chloride	4.92	84	11051	2.482	ug/L 88
21) 2-Butanone	7.18	43	4357	3.381	ug/L 79
35) Trichloroethene	8.84	95	11375	2.280	ug/L # 5
40) 1,2-Dichloropropane	9.27	63	12641	2.764	ug/L # 87
42) cis-1,3-Dichloropropene	10.04	75	3479	0.475	ug/L # 73

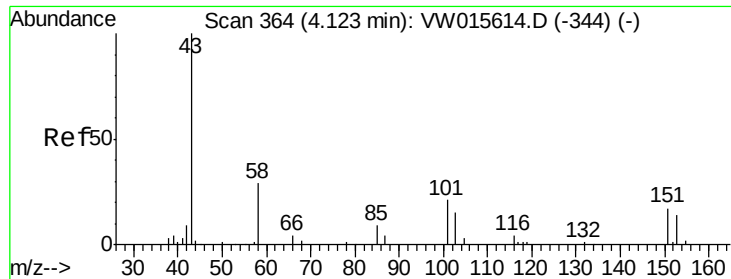
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 14.726 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_W

ClientSampleId :

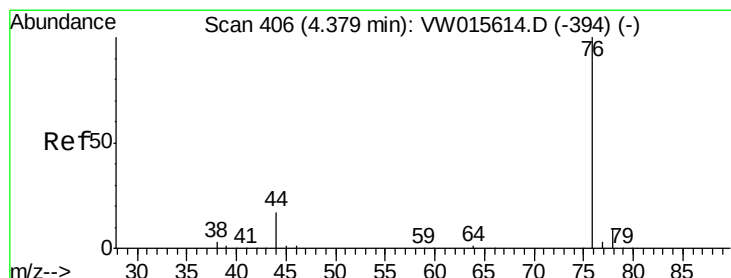
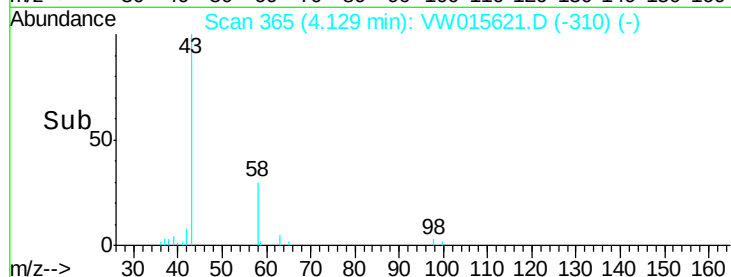
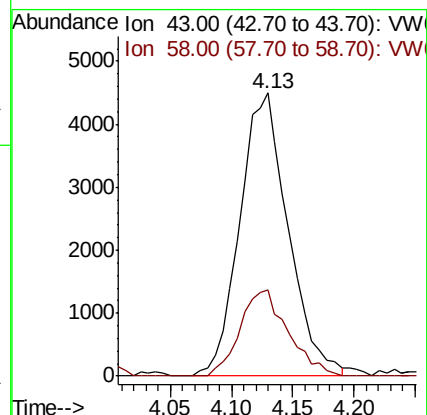
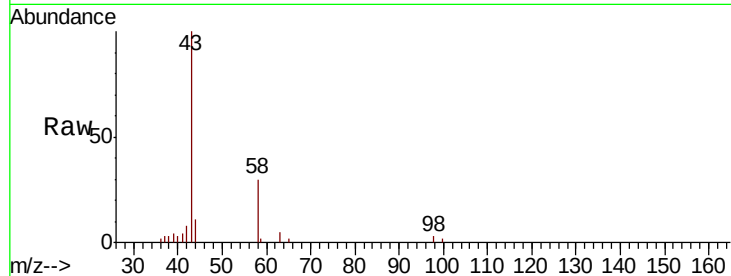
BG2L1

Tot Ion: 43 Resp: 12355

Ion Ratio Lower Upper

43 100

58 30.1 0.0 56.8



#14

Carbon disulfide

Concen: 3.942 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW015621.D

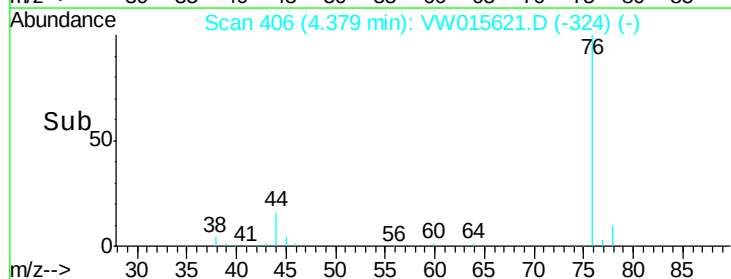
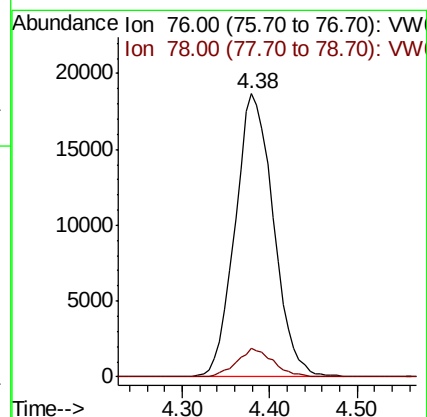
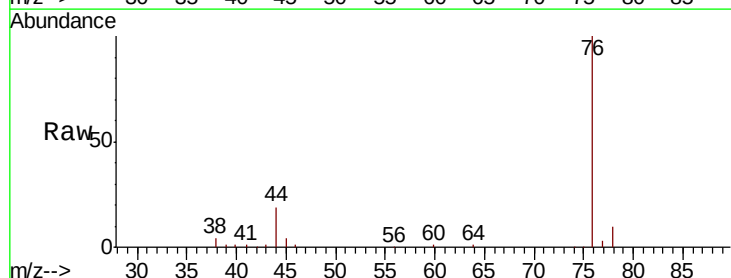
Acq: 17 Jun 2020 16:58

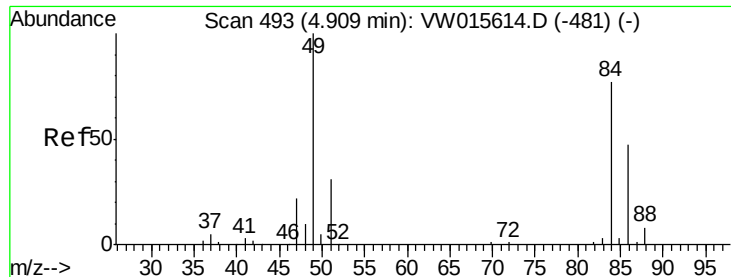
Tgt Ion: 76 Resp: 56877

Ion Ratio Lower Upper

76 100

78 10.1 7.3 10.9

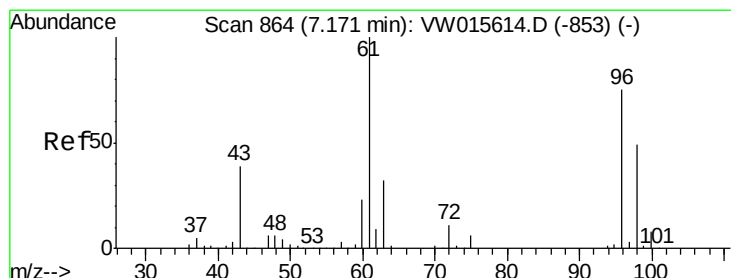
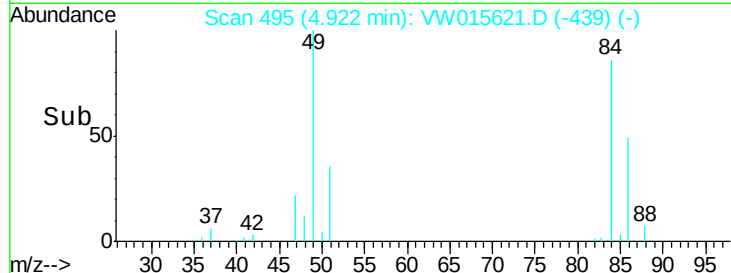
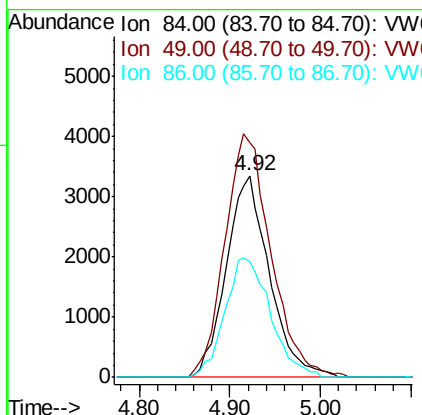
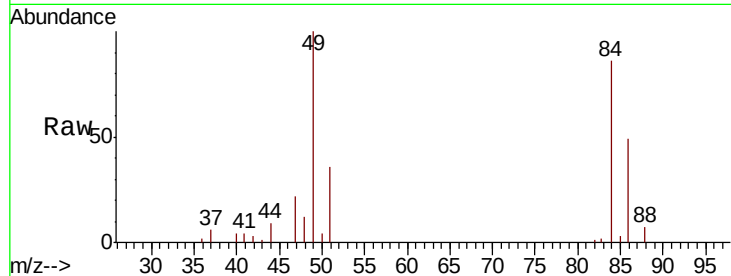




#16
Methylene chloride
Concen: 2.482 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW015621.D
Acq: 17 Jun 2020 16:58

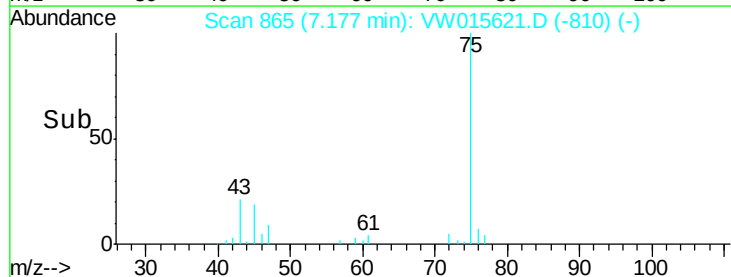
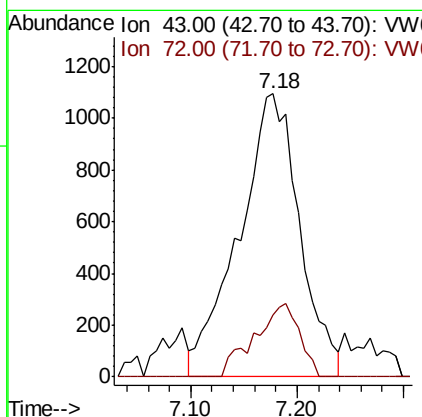
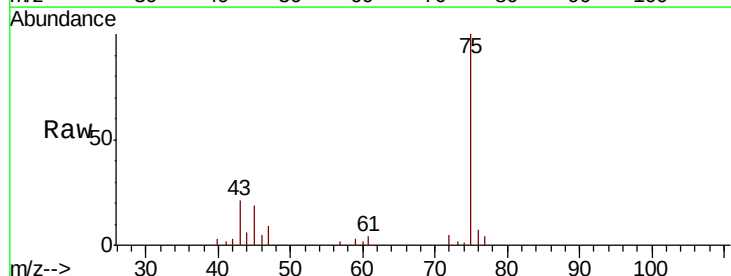
Instrument :
MSVOA_W
ClientSampled :
BG2L1

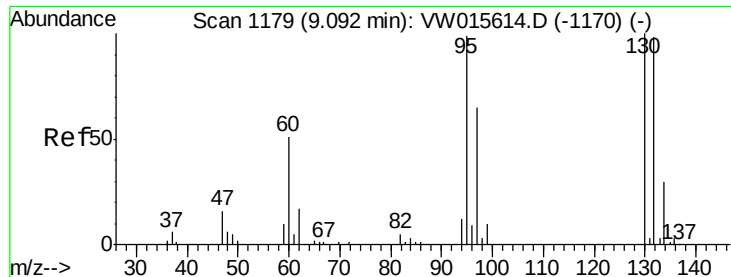
Tot Ion: 84 Resp: 11051
Ion Ratio Lower Upper
84 100
49 116.7 93.0 172.8
86 57.4 44.7 83.1



#21
2-Butanone
Concen: 3.381 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW015621.D
Acq: 17 Jun 2020 16:58

Tgt Ion: 43 Resp: 4357
Ion Ratio Lower Upper
43 100
72 16.0 13.3 39.9





#35

Trichloroethene

Concen: 2.280 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW015621.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_W

ClientSampled :

BG2L1

Tot Ion: 95 Resp: 11375

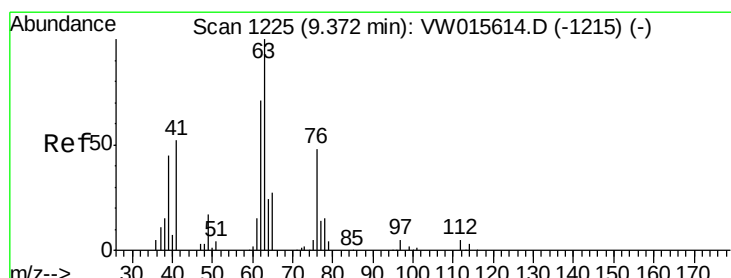
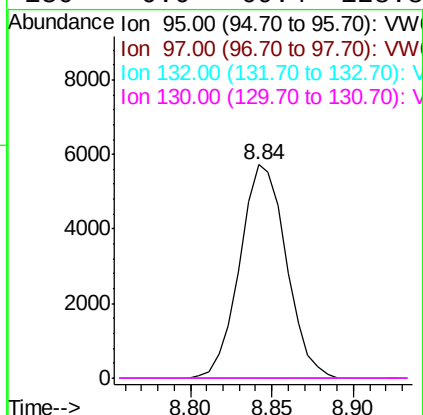
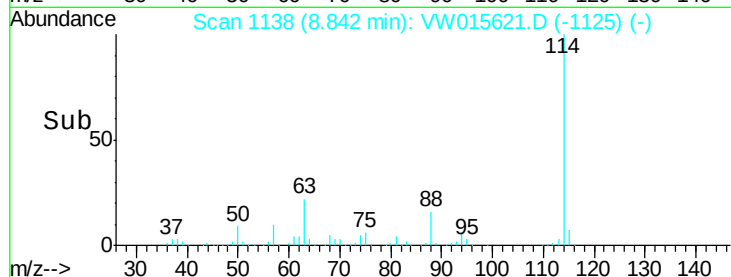
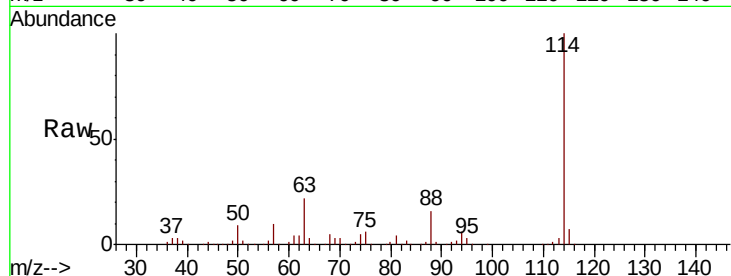
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.5 67.1 124.7#

130 0.0 69.4 128.8#



#40

1,2-Dichloropropane

Concen: 2.764 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW015621.D

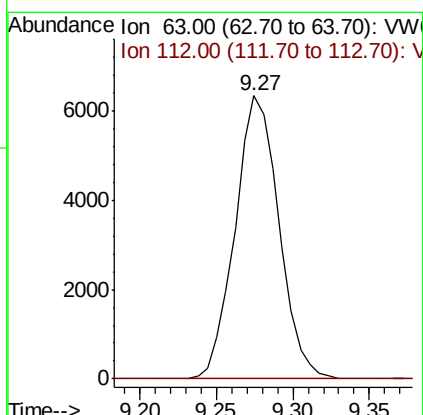
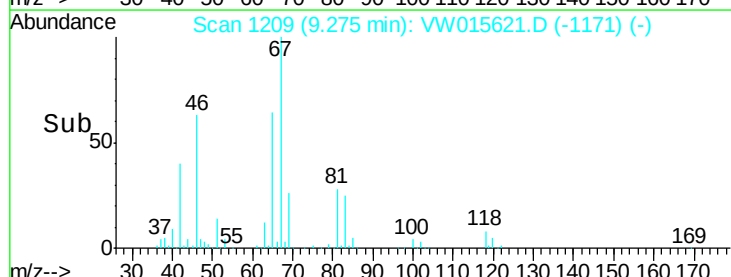
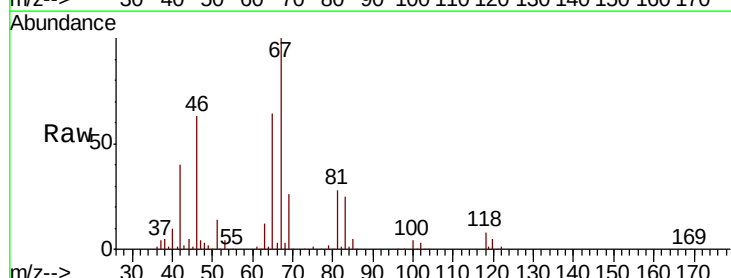
Acq: 17 Jun 2020 16:58

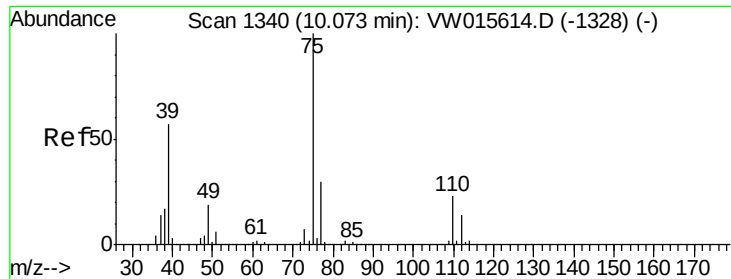
Tgt Ion: 63 Resp: 12641

Ion Ratio Lower Upper

63 100

112 0.5 3.8 5.8#





#42

cis-1,3-Dichloropropene

Concen: 0.475 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015621.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_W

ClientSampleId :

BG2L1

Tot Ion: 75 Resp: 3479

Ion Ratio Lower Upper

75 100

77 46.7 22.3 41.5#

