

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061620\
 Data File : VW015606.D
 Acq On : 16 Jun 2020 14:44
 Operator : SY/VA
 Sample : L3027-02
 Misc : 5.67G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2K6

Quant Time: Jun 17 06:28:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 17 06:26:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	340763	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	300302	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	133902	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	104194	33.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	133.48%
7) Chloroethane-d5	2.90	69	84530	27.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.88%
10) 1,1-Dichloroethene-d2	4.02	63	154933	20.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.44%
20) 2-Butanone-d5	7.09	46	45203	44.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.68%
24) Chloroform-d	7.65	84	195043	24.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	8.31	65	107658	24.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.24%
29) Benzene-d6	8.28	84	391176	26.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.24%
33) 1,2-Dichloropropane-d6	9.28	67	111665	24.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.80%
37) Toluene-d8	10.33	98	361203	25.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.92%
38) trans-1,3-Dichloropropene-	10.58	79	46741	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.32%
39) 2-Hexanone-d5	10.93	63	34216	44.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75547	22.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	110777	24.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.76%

Target Compounds

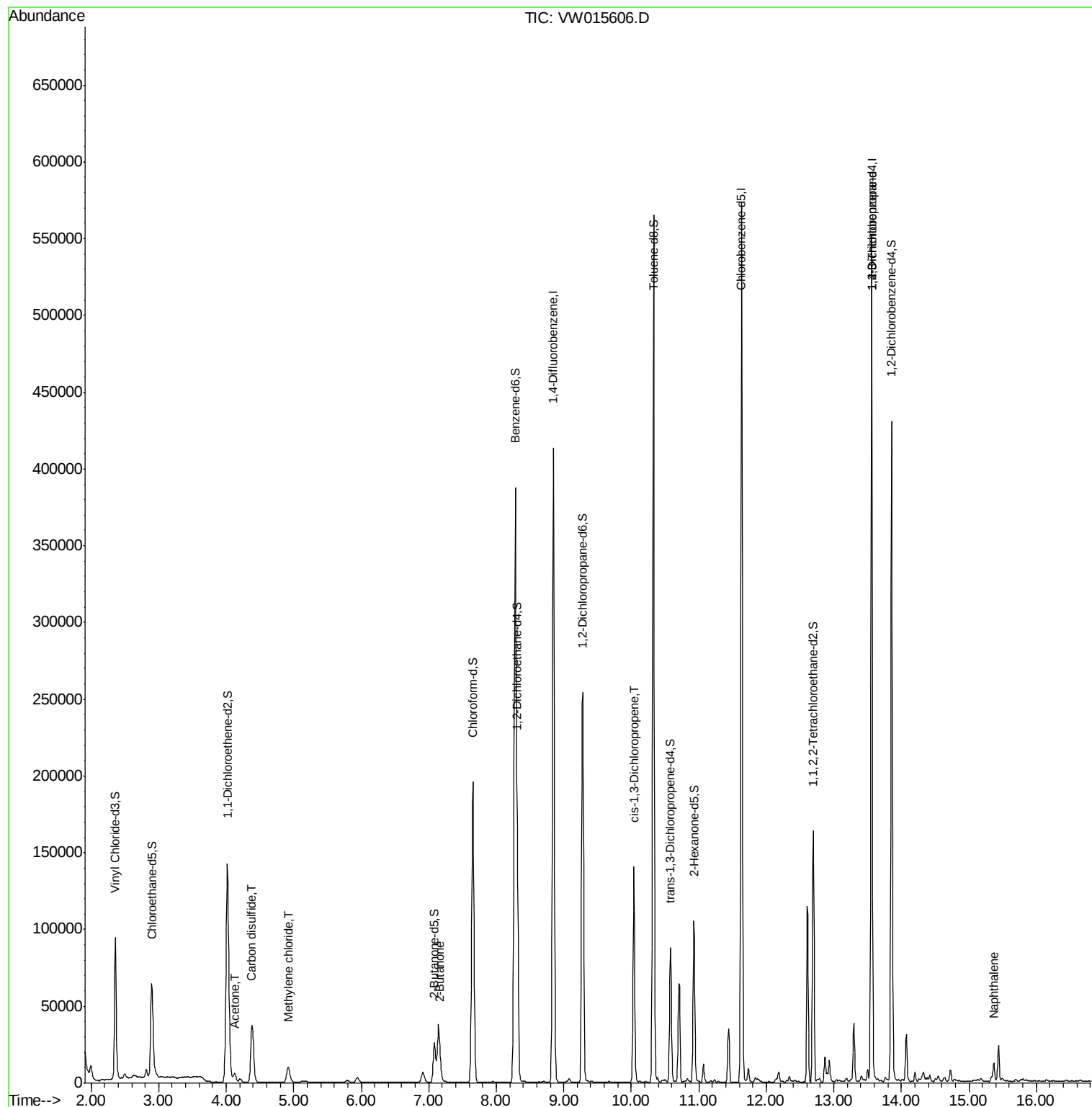
					Ovalue
13) Acetone	4.13	43	9452	11.992 ug/L	99
14) Carbon disulfide	4.38	76	75946	5.603 ug/L	99
16) Methylene chloride	4.92	84	8010	1.915 ug/L	93
21) 2-Butanone	7.17	43	4534	3.745 ug/L #	69
42) cis-1,3-Dichloropropene	10.04	75	3803	0.575 ug/L	83
59) 1,2,3-Trichloropropane	13.56	75	17140	6.748 ug/L	88
69) Naphthalene	15.37	128	9721	1.172 ug/L	98

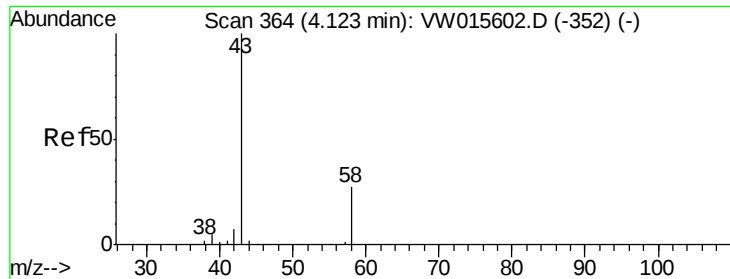
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.992 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015606.D

Acq: 16 Jun 2020 14:44

Instrument :

MSVOA_W

ClientSampleId :

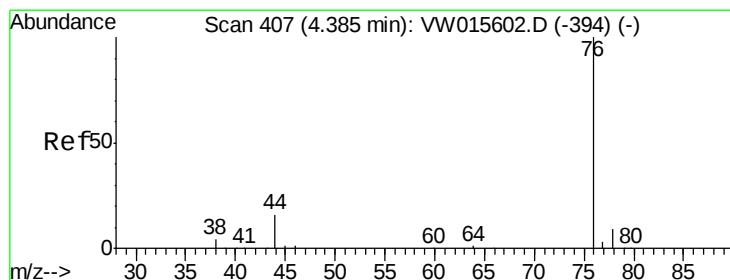
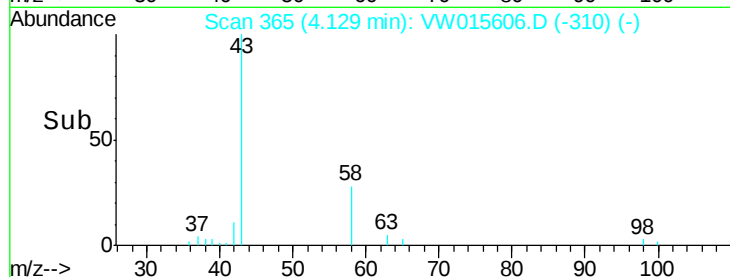
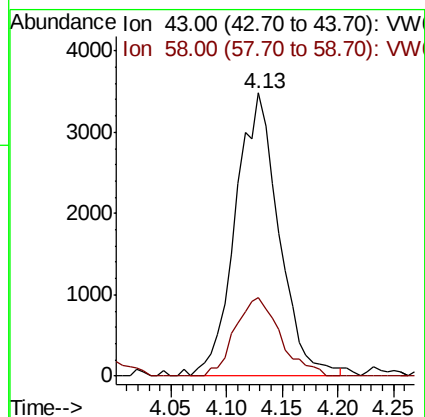
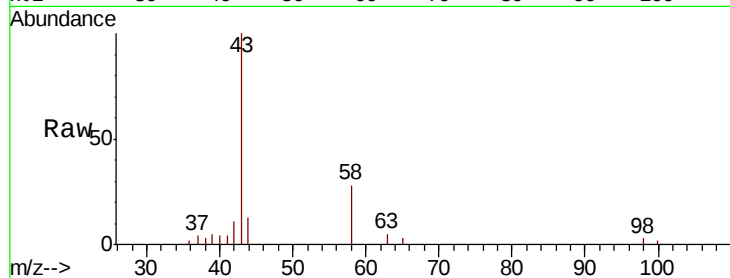
BG2K6

Tot Ion: 43 Resp: 9452

Ion Ratio Lower Upper

43 100

58 28.9 0.0 56.8



#14

Carbon disulfide

Concen: 5.603 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW015606.D

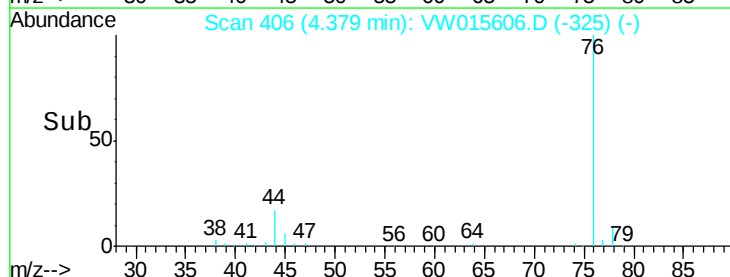
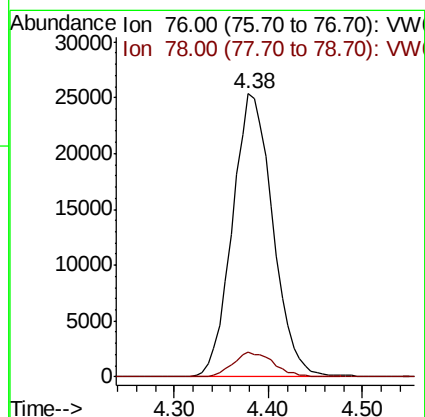
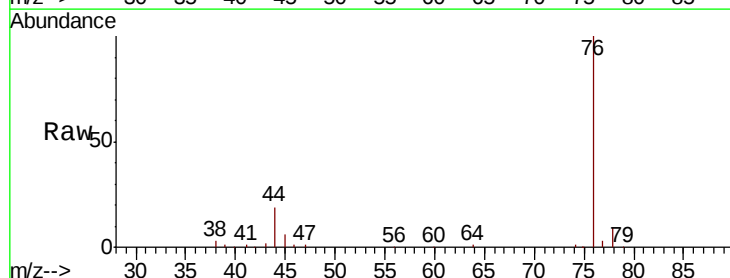
Acq: 16 Jun 2020 14:44

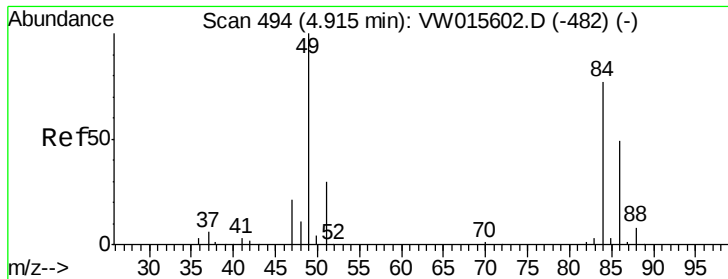
Tgt Ion: 76 Resp: 75946

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

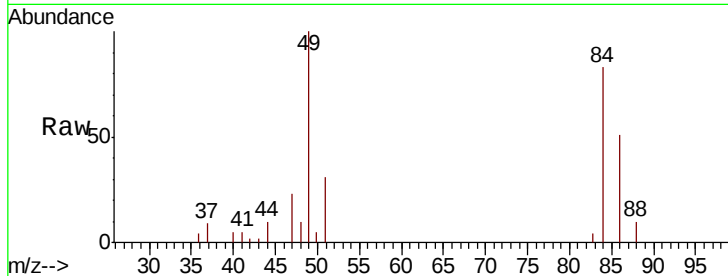




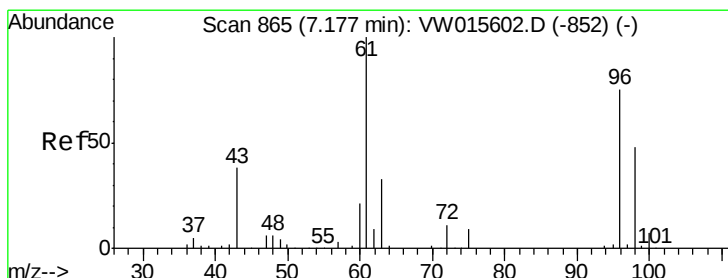
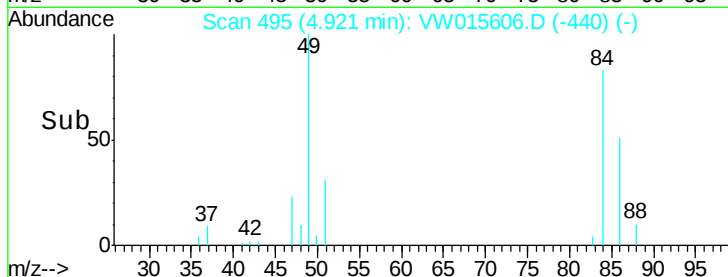
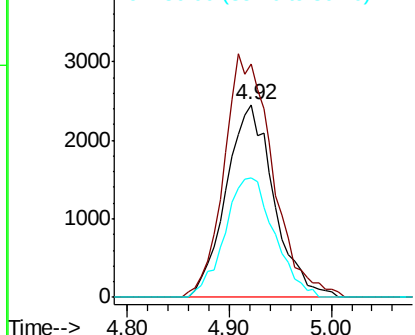
#16
Methylene chloride
Concen: 1.915 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW015606.D
Acq: 16 Jun 2020 14:44

Instrument :
MSVOA_W
ClientSampleId :
BG2K6

Tot Ion: 84 Resp: 8010
Ion Ratio Lower Upper
84 100
49 121.1 93.0 172.8
86 62.2 44.7 83.1

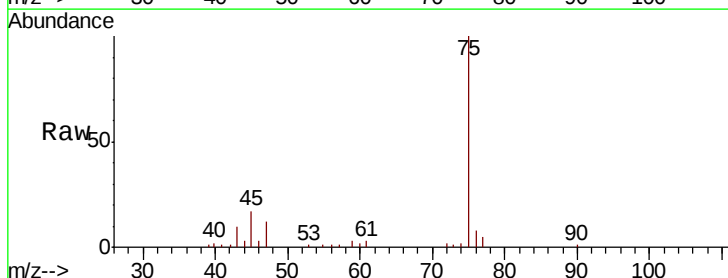


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

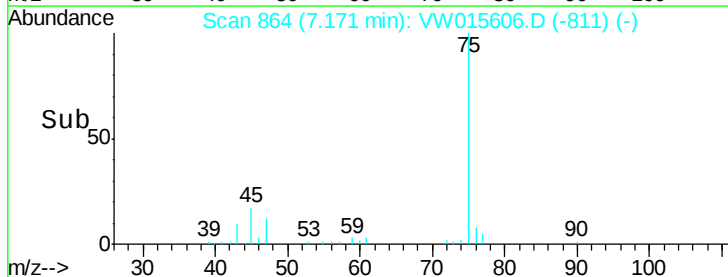
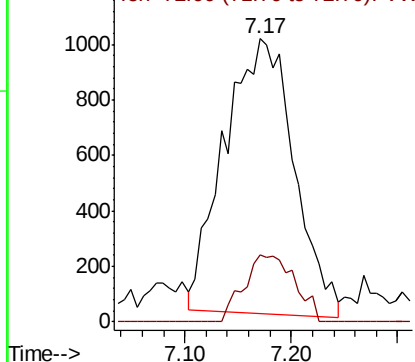


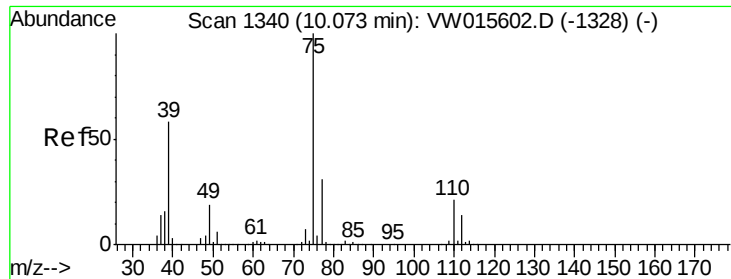
#21
2-Butanone
Concen: 3.745 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW015606.D
Acq: 16 Jun 2020 14:44

Tgt Ion: 43 Resp: 4534
Ion Ratio Lower Upper
43 100
72 10.9 13.3 39.9#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.575 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015606.D

Acq: 16 Jun 2020 14:44

Instrument :

MSVOA_W

ClientSampled :

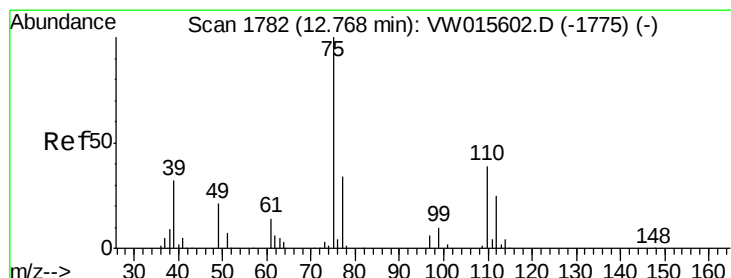
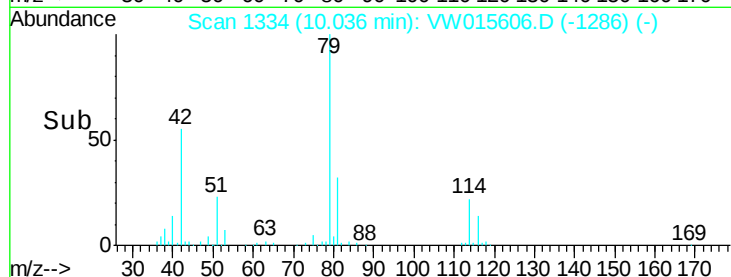
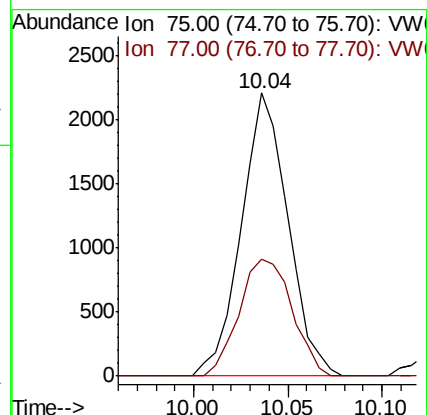
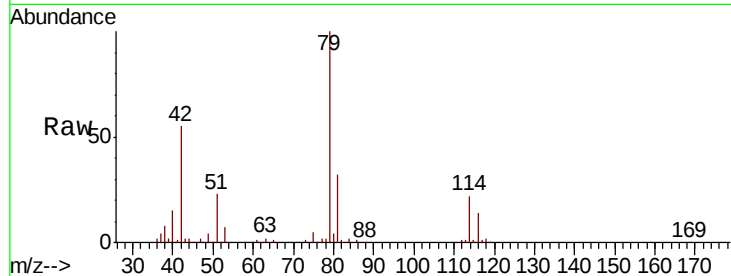
BG2K6

Tot Ion: 75 Resp: 3803

Ion Ratio Lower Upper

75 100

77 41.4 22.3 41.5



#59

1,2,3-Trichloropropane

Concen: 6.748 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015606.D

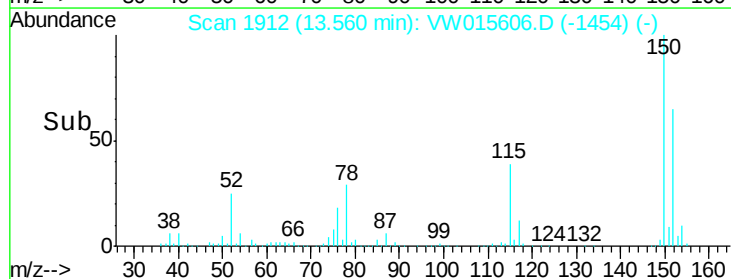
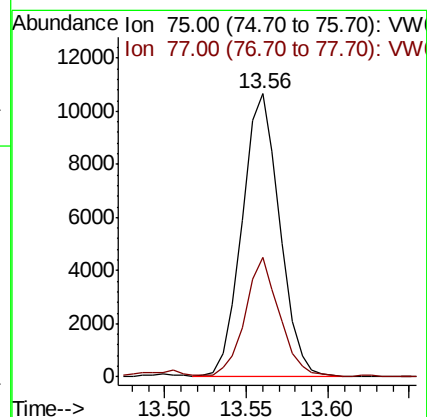
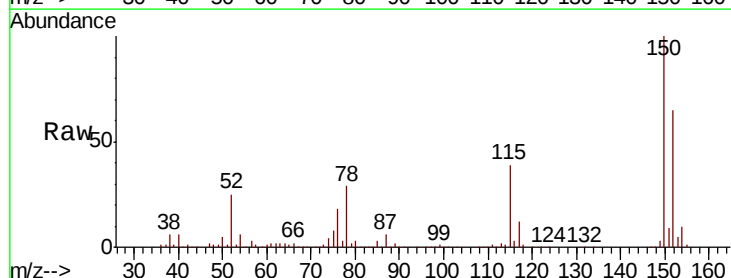
Acq: 16 Jun 2020 14:44

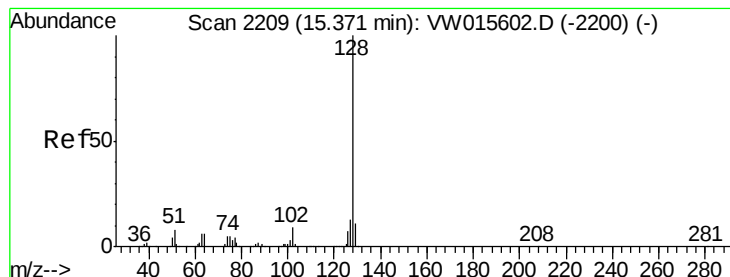
Tgt Ion: 75 Resp: 17140

Ion Ratio Lower Upper

75 100

77 38.9 25.9 38.9





#69

Naphthalene

Concen: 1.172 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW015606.D

Acq: 16 Jun 2020 14:44

Instrument :

MSVOA_W

ClientSampleId :

BG2K6

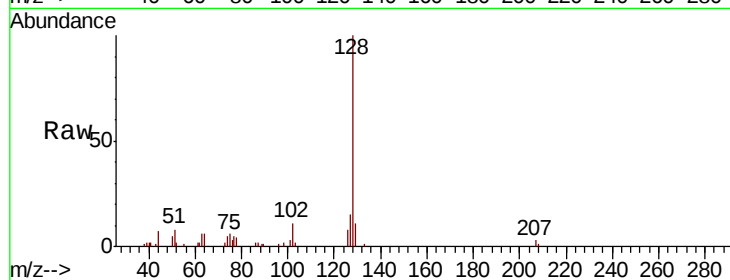
Tot Ion:128 Resp: 9721

Ion Ratio Lower Upper

128 100

129 11.6 8.6 12.8

127 14.1 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

