

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120420\
 Data File : VW017562.D
 Acq On : 04 Dec 2020 17:38
 Operator : SY/VA
 Sample : L4955-05
 Misc : 5.12G/10ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4K0

Quant Time: Dec 05 07:38:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 05 07:36:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	451703	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	414669	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	201144	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	104359	17.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.20%
7) Chloroethane-d5	2.89	69	93073	18.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.08%
10) 1,1-Dichloroethene-d2	4.03	63	184362	13.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.92%
20) 2-Butanone-d5	7.08	46	62146	47.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.38%
24) Chloroform-d	7.65	84	278981	21.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.88%
26) 1,2-Dichloroethane-d4	8.31	65	144147	22.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.48%
29) Benzene-d6	8.28	84	529166	20.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.52%
33) 1,2-Dichloropropane-d6	9.27	67	157562	21.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.84%
37) Toluene-d8	10.33	98	477059	20.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.08%
38) trans-1,3-Dichloropropene-	10.58	79	63632	19.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.00%
39) 2-Hexanone-d5	10.93	63	39149	43.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118862	22.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	165740	21.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.36%

Target Compounds

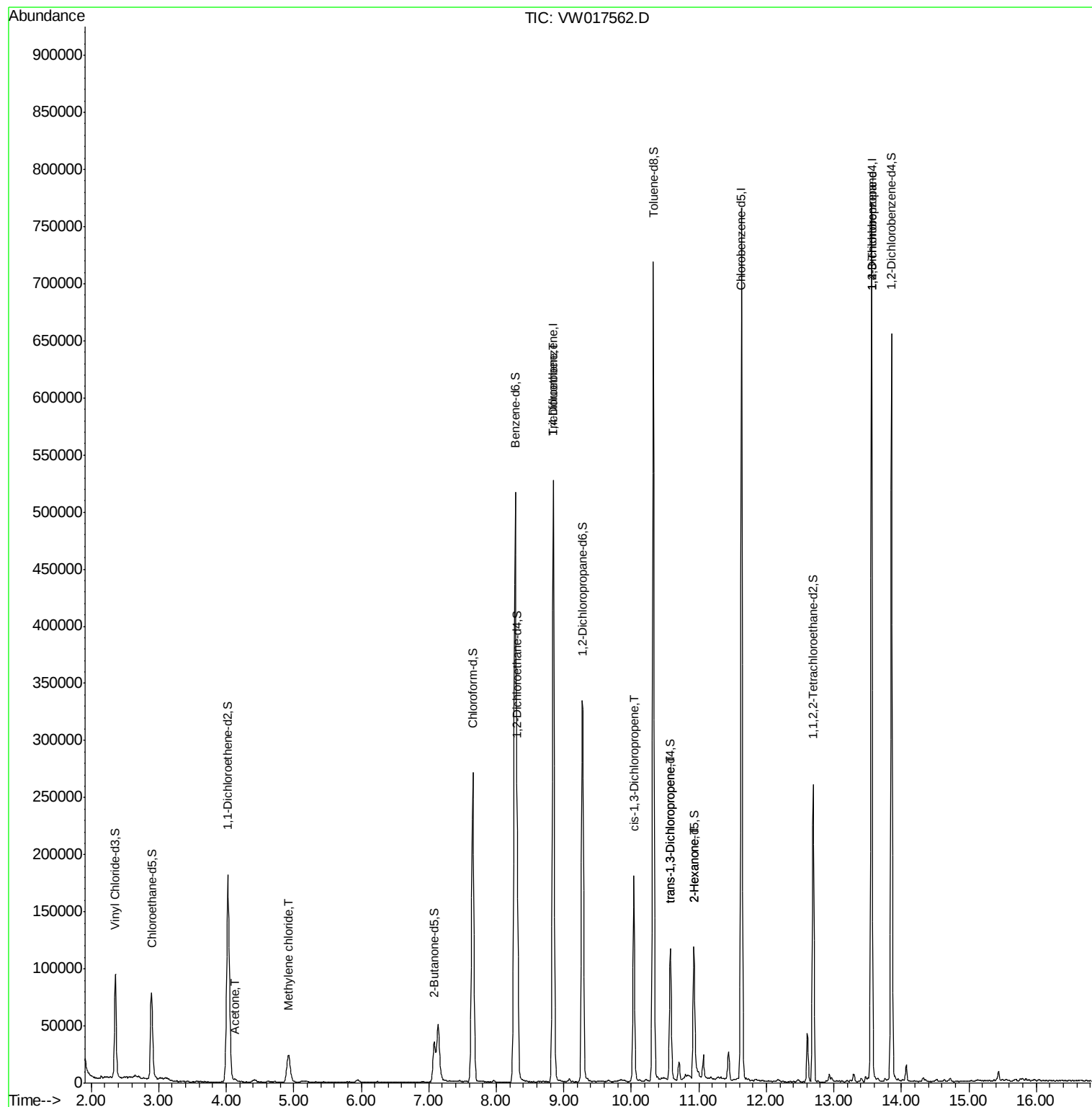
					Ovalue
13) Acetone	4.13	43	1830	1.443 ug/L	97
16) Methylene chloride	4.93	84	21198	3.112 ug/L	98
35) Trichloroethene	8.84	95	13676	1.961 ug/L #	3
42) cis-1,3-Dichloropropene	10.04	75	5227	0.568 ug/L	86
45) trans-1,3-Dichloropropene	10.58	75	3119	0.394 ug/L #	66
49) 2-Hexanone	10.93	43	5264	2.609 ug/L #	63
59) 1,2,3-Trichloropropane	13.56	75	22828	6.398 ug/L	95

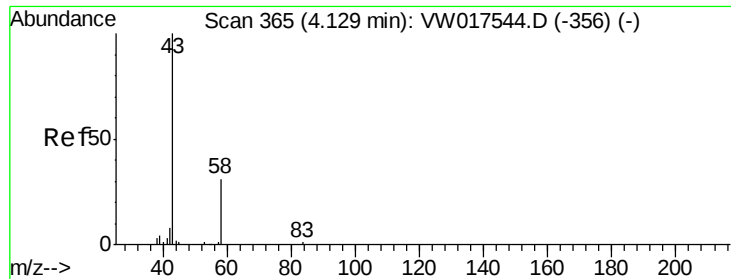
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 05 07:36:07 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.443 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017562.D

Acq: 04 Dec 2020 17:38

Instrument :

MSVOA_W

ClientSampleId :

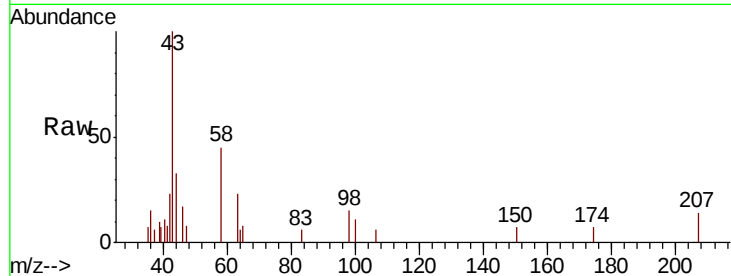
BG4K0

Tot Ion: 43 Resp: 1830

Ion Ratio Lower Upper

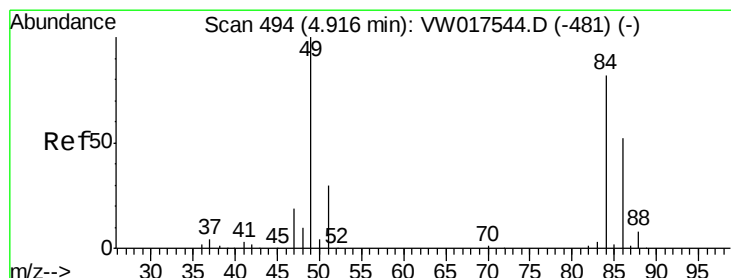
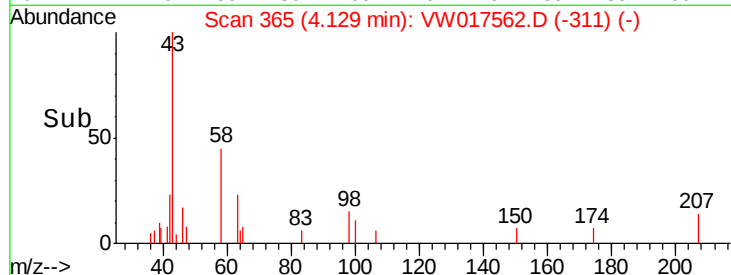
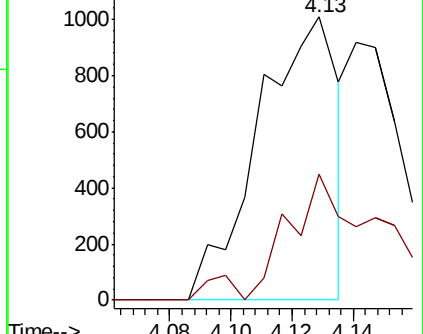
43 100

58 32.5 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.112 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017562.D

Acq: 04 Dec 2020 17:38

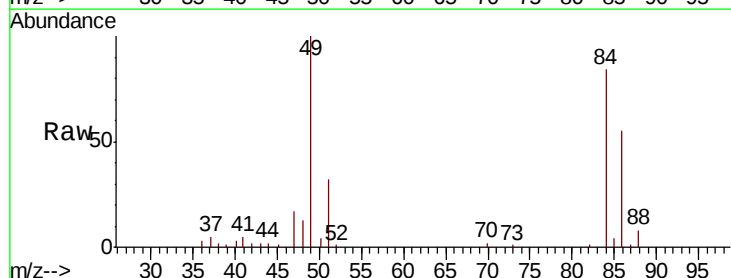
Tgt Ion: 84 Resp: 21198

Ion Ratio Lower Upper

84 100

49 118.7 81.2 150.8

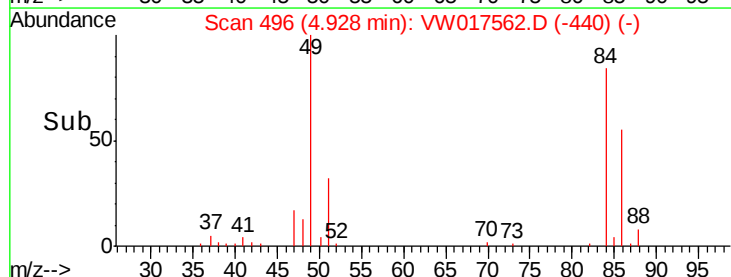
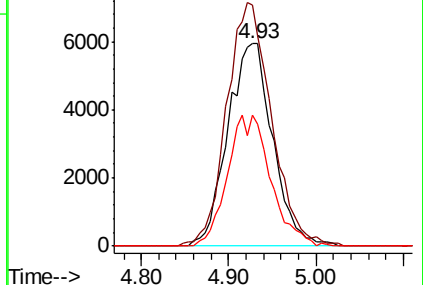
86 64.9 44.5 82.7

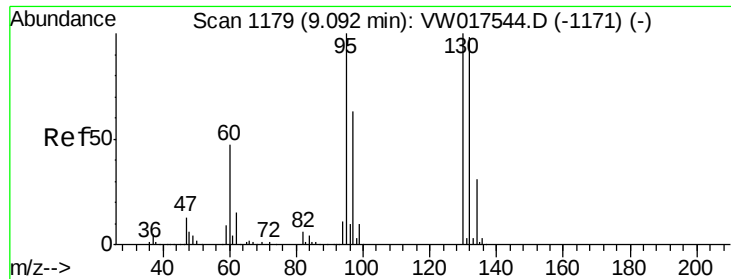


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 1.961 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017562.D

Acq: 04 Dec 2020 17:38

Instrument :

MSVOA_W

ClientSampleId :

BG4K0

Tot Ion: 95 Resp: 13676

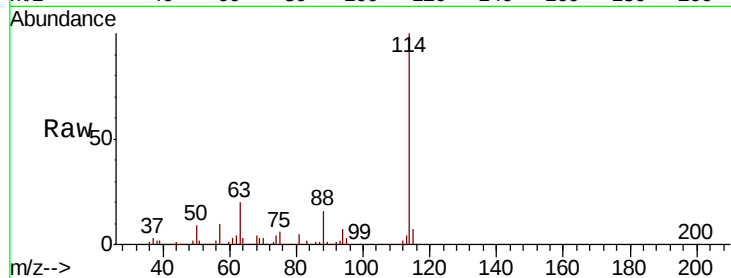
Ion Ratio Lower Upper

95 100

97 1.0 45.0 83.6#

132 0.8 71.0 131.8#

130 0.0 75.6 140.4#

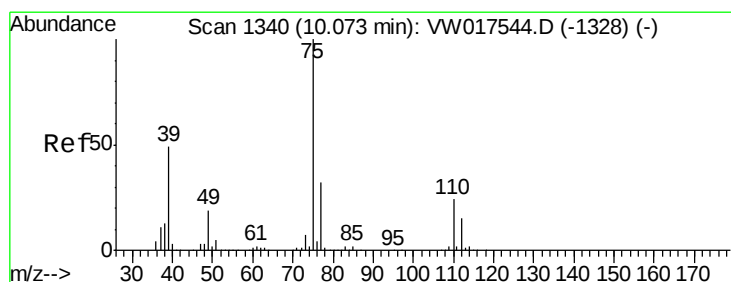
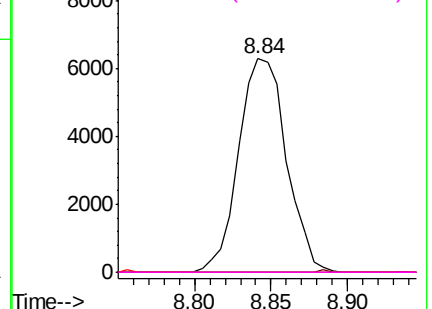
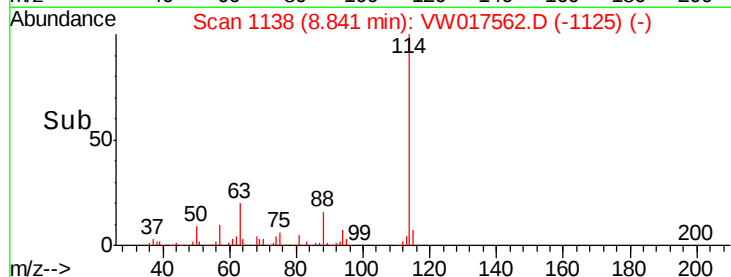


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.568 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017562.D

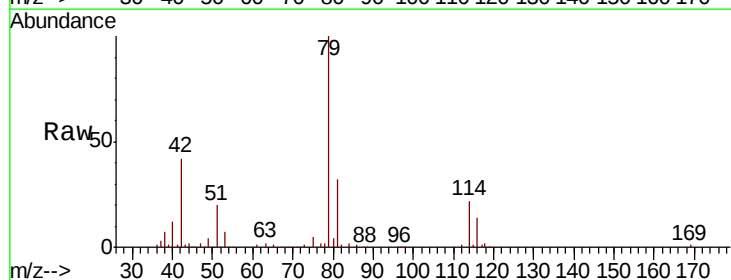
Acq: 04 Dec 2020 17:38

Tgt Ion: 75 Resp: 5227

Ion Ratio Lower Upper

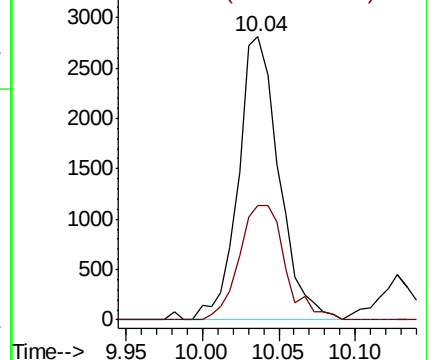
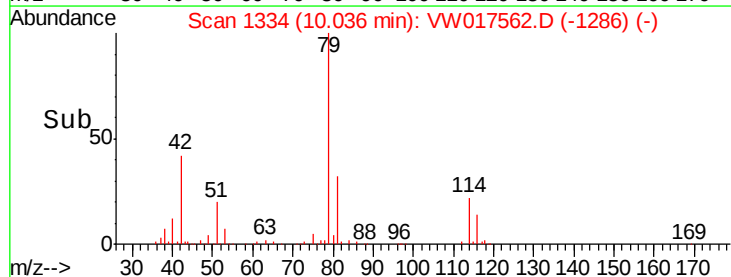
75 100

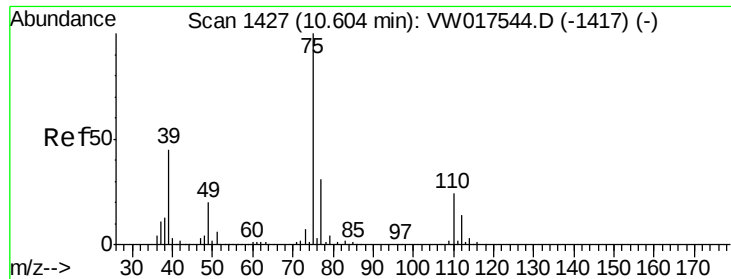
77 40.4 22.7 42.3



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.394 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017562.D

Acq: 04 Dec 2020 17:38

Instrument :

MSVOA_W

ClientSampleId :

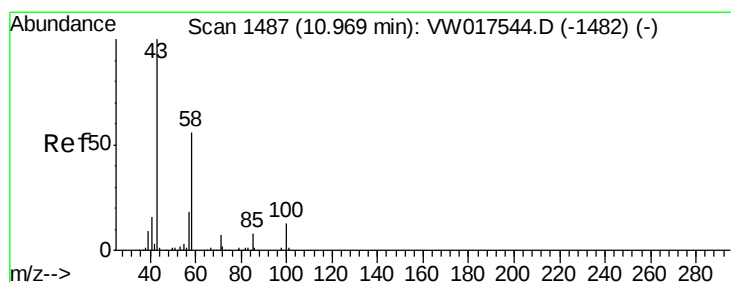
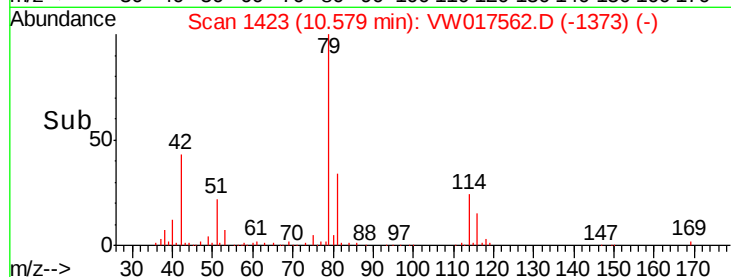
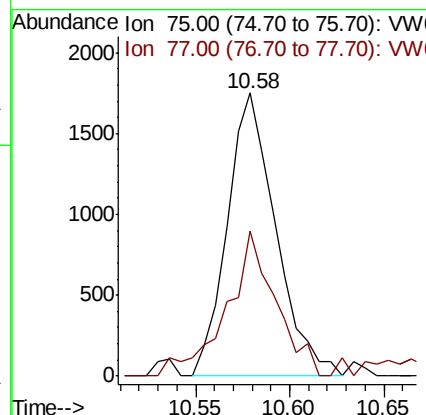
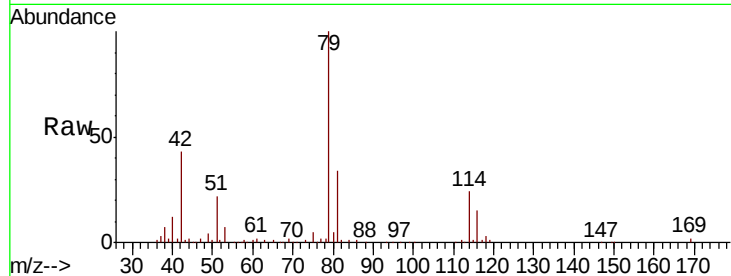
BG4K0

Tot Ion: 75 Resp: 3119

Ion Ratio Lower Upper

75 100

77 51.4 22.6 42.0#



#49

2-Hexanone

Concen: 2.609 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017562.D

Acq: 04 Dec 2020 17:38

Tgt Ion: 43 Resp: 5264

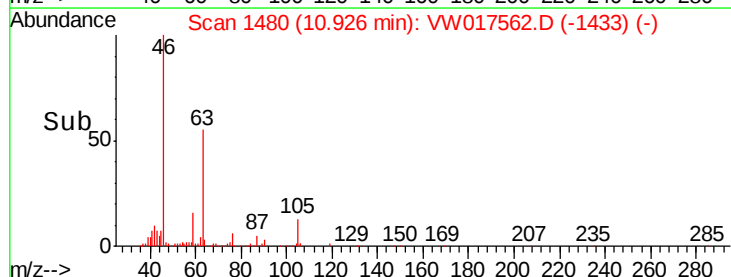
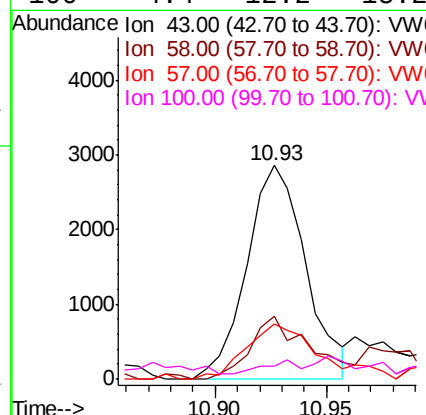
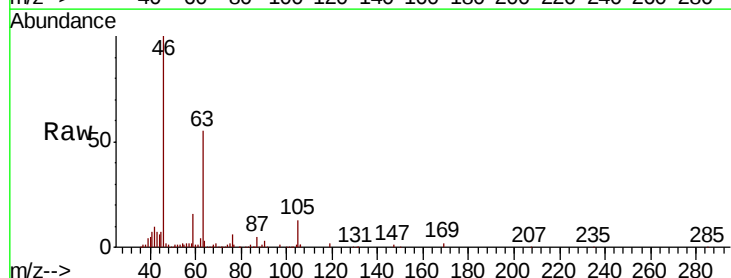
Ion Ratio Lower Upper

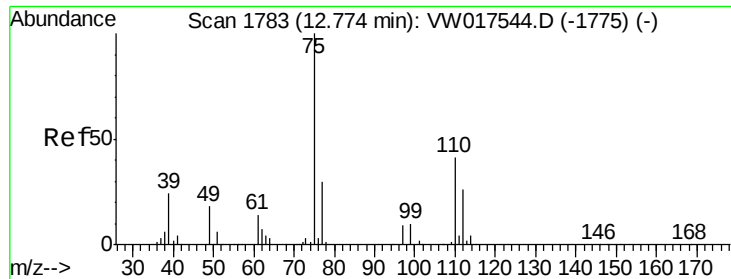
43 100

58 29.7 51.3 76.9#

57 28.5 15.0 22.6#

100 4.4 12.2 18.2#





#59

1,2,3-Trichloropropane

Concen: 6.398 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017562.D

Acq: 04 Dec 2020 17:38

Instrument :

MSVOA_W

ClientSampleId :

BG4K0

Tot Ion: 75 Resp: 22828

Ion Ratio Lower Upper

75 100

77 35.9 26.6 39.8

