

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061820\
 Data File : VW015635.D
 Acq On : 18 Jun 2020 14:59
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK21

Quant Time: Jun 19 07:32:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 19 07:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	307793	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	288811	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	134281	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	50830	18.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.08%
7) Chloroethane-d5	2.90	69	61576	21.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.80%
10) 1,1-Dichloroethene-d2	4.01	63	93432	13.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.36%
20) 2-Butanone-d5	7.08	46	49005	53.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.42%
24) Chloroform-d	7.65	84	159694	22.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.76%
26) 1,2-Dichloroethane-d4	8.31	65	94801	23.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.76%
29) Benzene-d6	8.28	84	306251	21.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.48%
33) 1,2-Dichloropropane-d6	9.27	67	94729	22.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.04%
37) Toluene-d8	10.33	98	284905	20.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.76%
38) trans-1,3-Dichloropropene-	10.58	79	35048	17.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.40%
39) 2-Hexanone-d5	10.93	63	38221	51.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	78499	24.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	102898	22.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.48%

Target Compounds

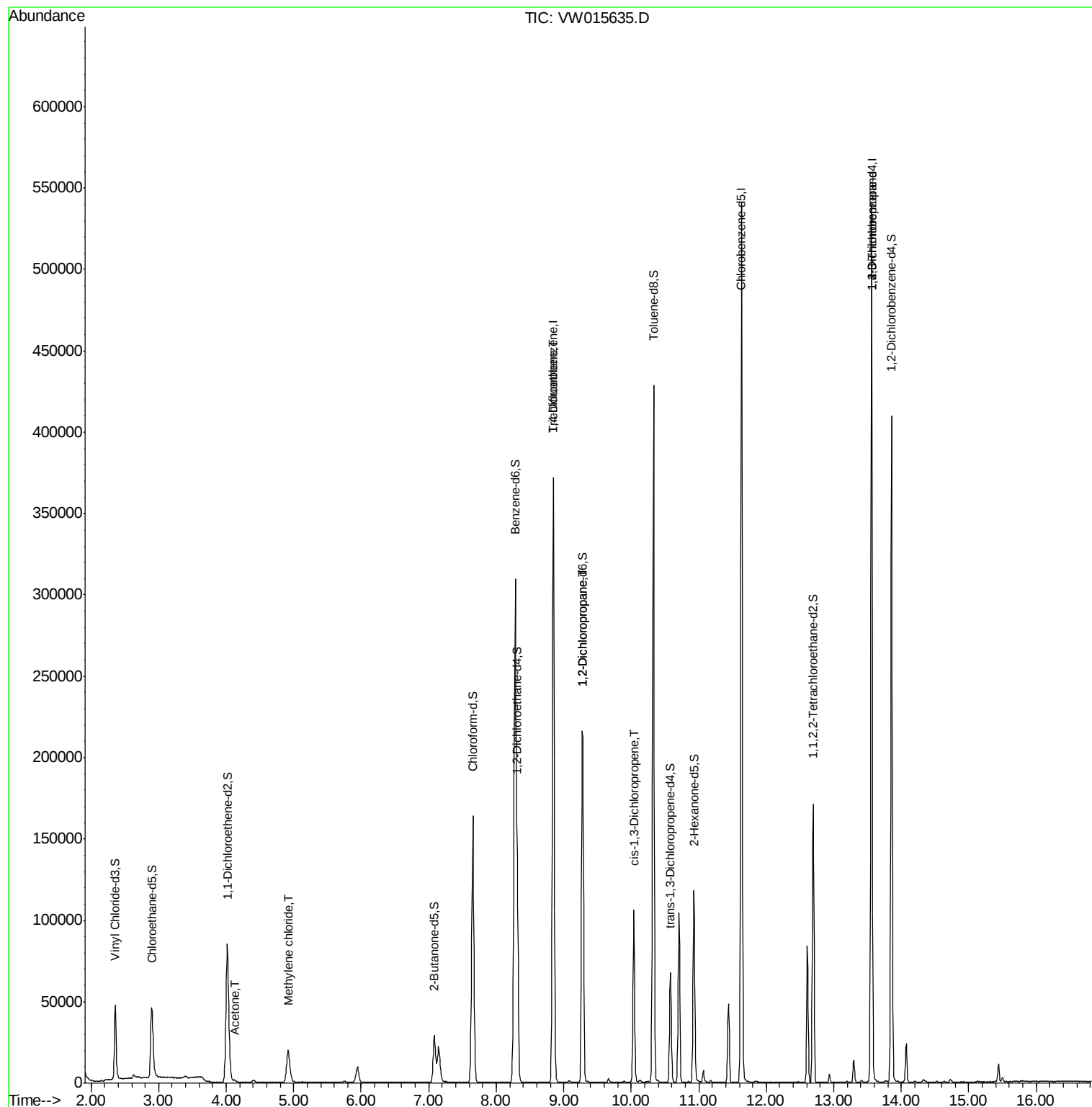
					Ovalue
13) Acetone	4.13	43	1893	2.659 ug/L	91
16) Methylene chloride	4.92	84	15937	4.219 ug/L	95
35) Trichloroethene	8.85	95	9612	2.216 ug/L #	5
40) 1,2-Dichloropropane	9.28	63	11825	2.973 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	2822	0.443 ug/L #	77
59) 1,2,3-Trichloropropane	13.56	75	16828	6.889 ug/L	91

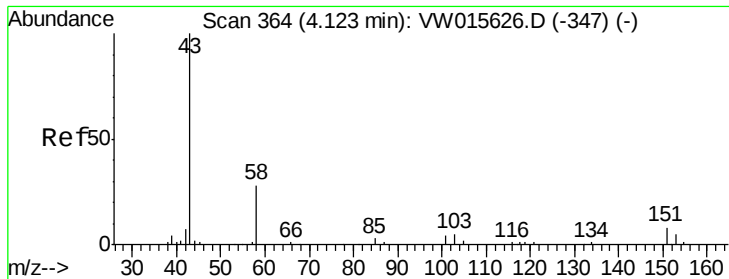
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.659 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Acq: 18 Jun 2020 14:59

Instrument :

MSVOA_W

ClientSampleId :

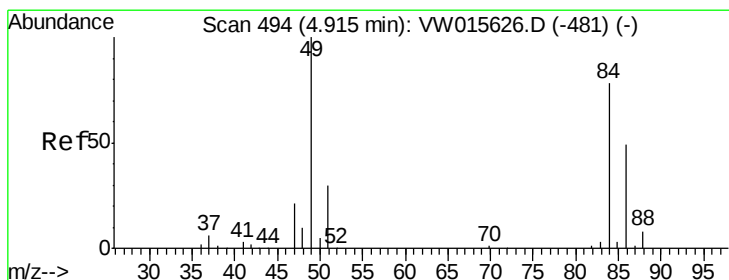
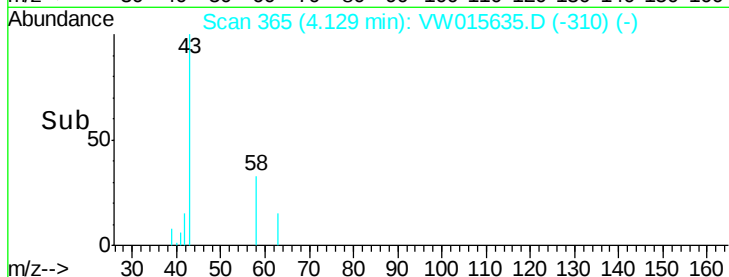
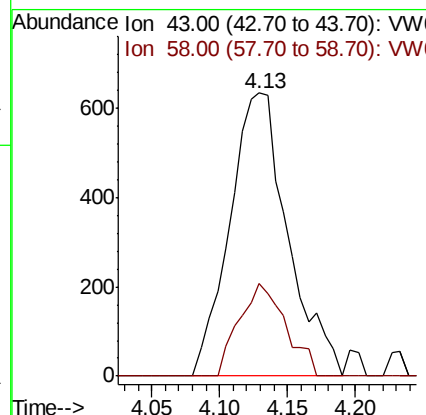
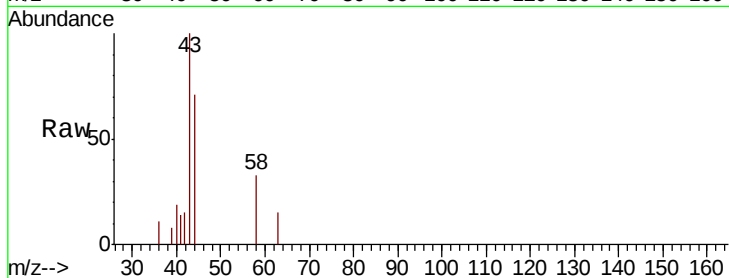
VIBLK21

Tot Ion: 43 Resp: 1893

Ion Ratio Lower Upper

43 100

58 23.9 0.0 56.8



#16

Methylene chloride

Concen: 4.219 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW015635.D

Acq: 18 Jun 2020 14:59

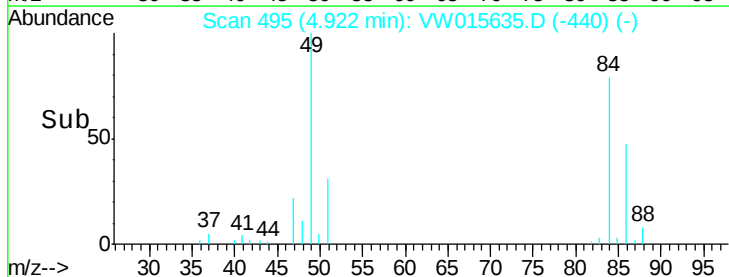
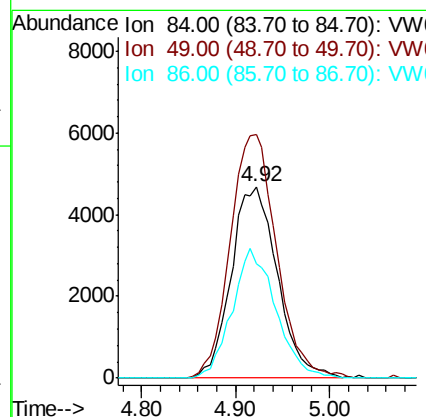
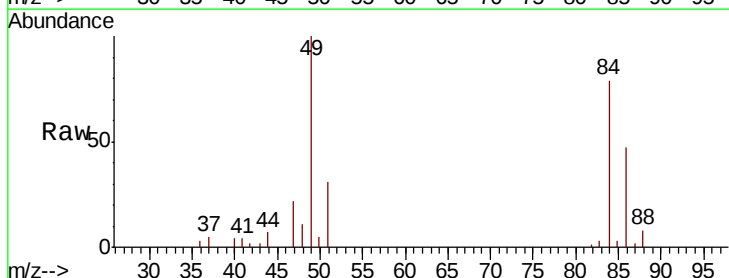
Tgt Ion: 84 Resp: 15937

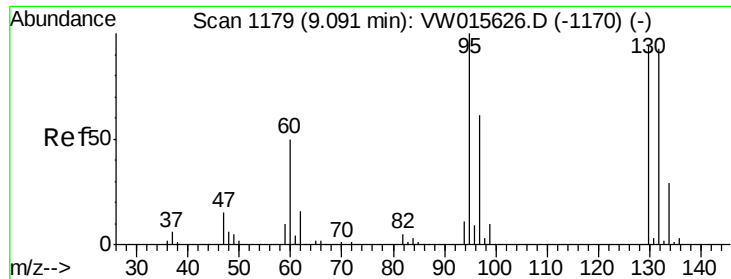
Ion Ratio Lower Upper

84 100

49 127.0 93.0 172.8

86 59.3 44.7 83.1





#35

Trichloroethene

Concen: 2.216 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

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Acq: 18 Jun 2020 14:59

Instrument :

MSVOA_W

ClientSampleId :

VIBLK21

Tot Ion: 95 Resp: 9612

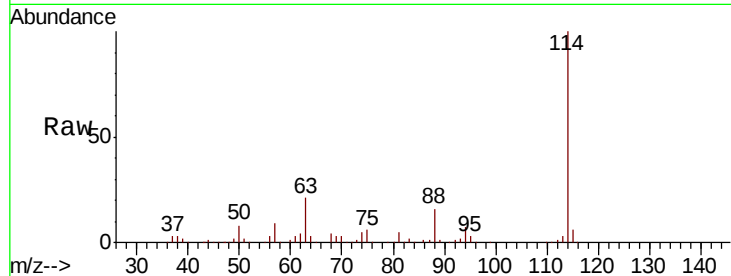
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 67.1 124.7#

130 0.0 69.4 128.8#

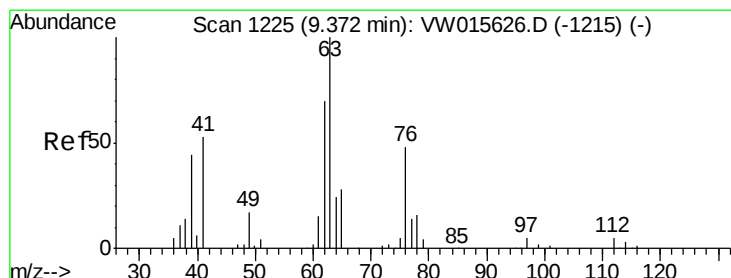
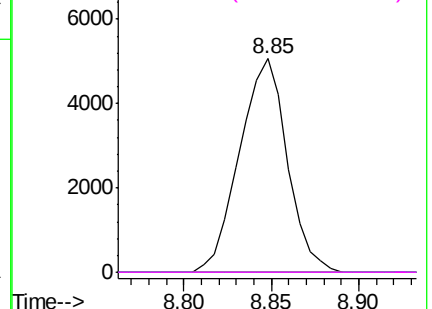
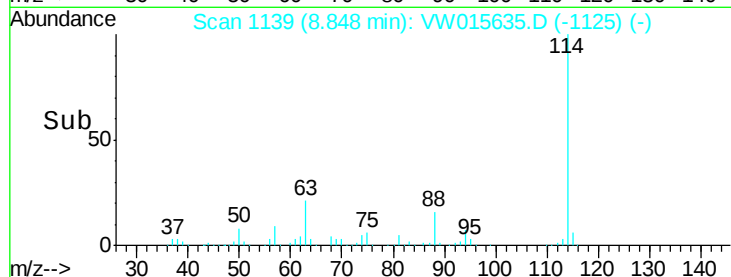


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#40

1,2-Dichloropropane

Concen: 2.973 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW015635.D

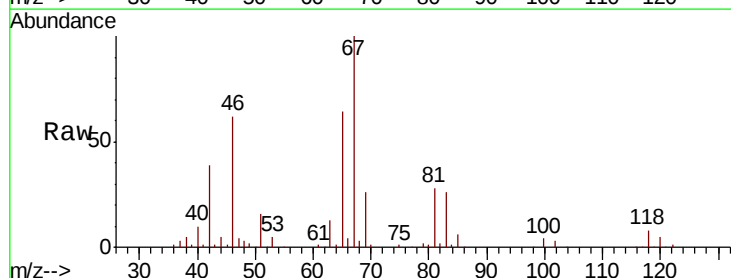
Acq: 18 Jun 2020 14:59

Tgt Ion: 63 Resp: 11825

Ion Ratio Lower Upper

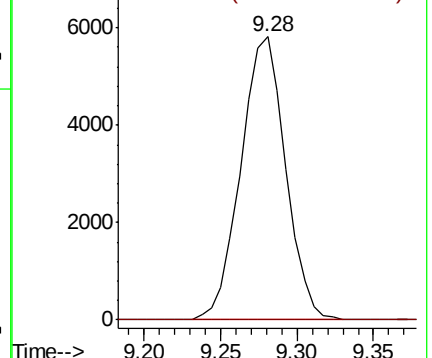
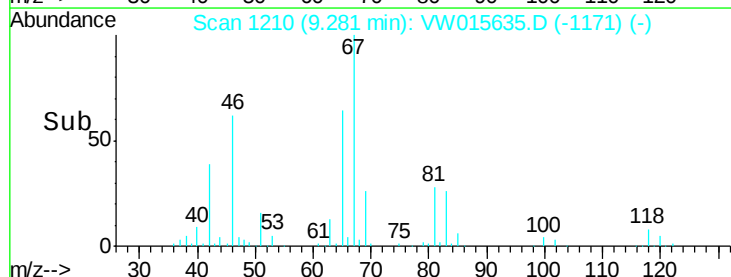
63 100

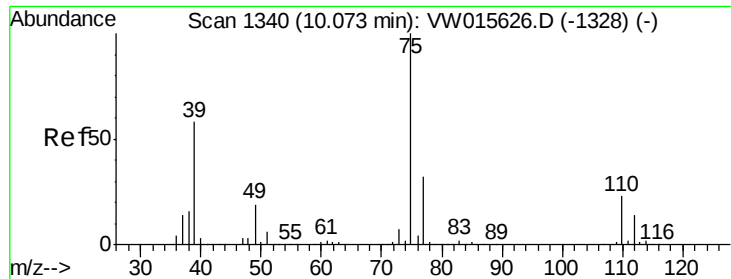
112 0.0 3.8 5.8#



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: 0.443 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015635.D

Acq: 18 Jun 2020 14:59

Instrument :

MSVOA_W

ClientSampleId :

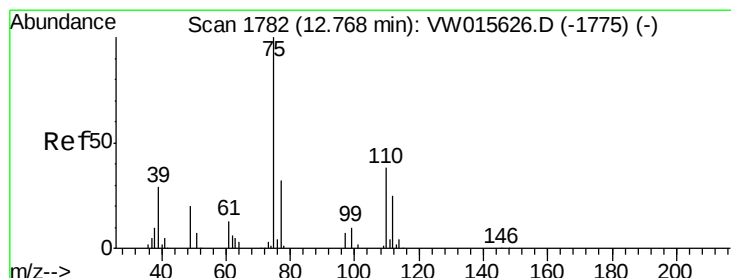
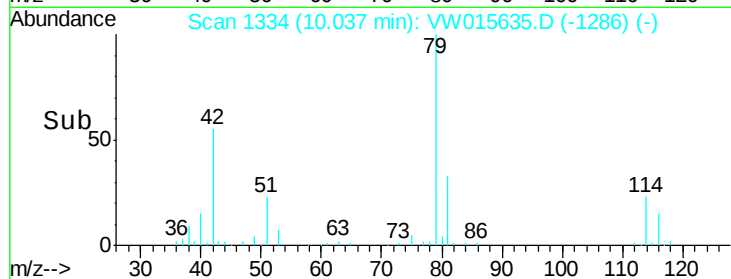
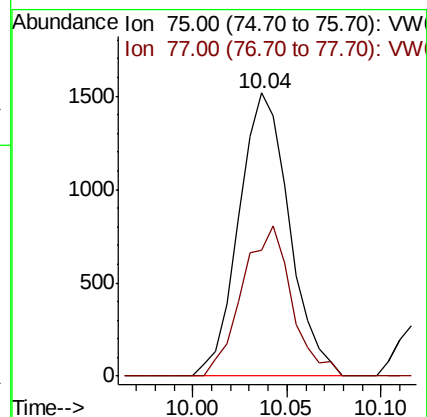
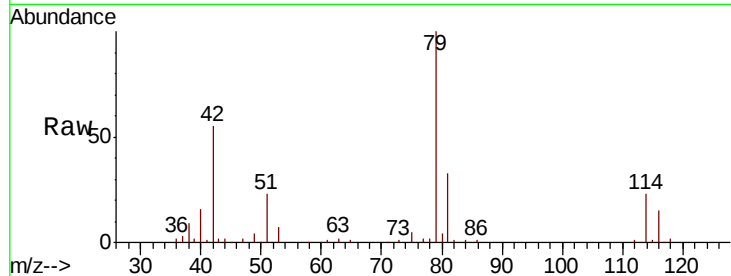
VIBLK21

Tot Ion: 75 Resp: 2822

Ion Ratio Lower Upper

75 100

77 44.6 22.3 41.5#



#59

1,2,3-Trichloropropane

Concen: 6.889 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015635.D

Acq: 18 Jun 2020 14:59

Tgt Ion: 75 Resp: 16828

Ion Ratio Lower Upper

75 100

77 37.7 25.9 38.9

