

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
 Data File : VW017253.D
 Acq On : 16 Nov 2020 13:46
 Operator : SY/VA
 Sample : L4739-09
 Misc : 6.18G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0Z6

Quant Time: Nov 17 06:10:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 17 06:08:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	423229	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	397246	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	195168	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	87164	16.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.40%
7) Chloroethane-d5	2.90	69	76633	18.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.60%
10) 1,1-Dichloroethene-d2	4.03	63	134771	14.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.52%
20) 2-Butanone-d5	7.08	46	54965	46.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.22%
24) Chloroform-d	7.65	84	212071	21.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.84%
26) 1,2-Dichloroethane-d4	8.31	65	119345	24.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.20%
29) Benzene-d6	8.27	84	401246	19.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.32%
33) 1,2-Dichloropropane-d6	9.27	67	116922	20.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.60%
37) Toluene-d8	10.32	98	394103	20.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.64%
38) trans-1,3-Dichloropropene-	10.58	79	53530	21.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.88%
39) 2-Hexanone-d5	10.93	63	47928	49.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114419	23.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	159711	23.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.92%

Target Compounds

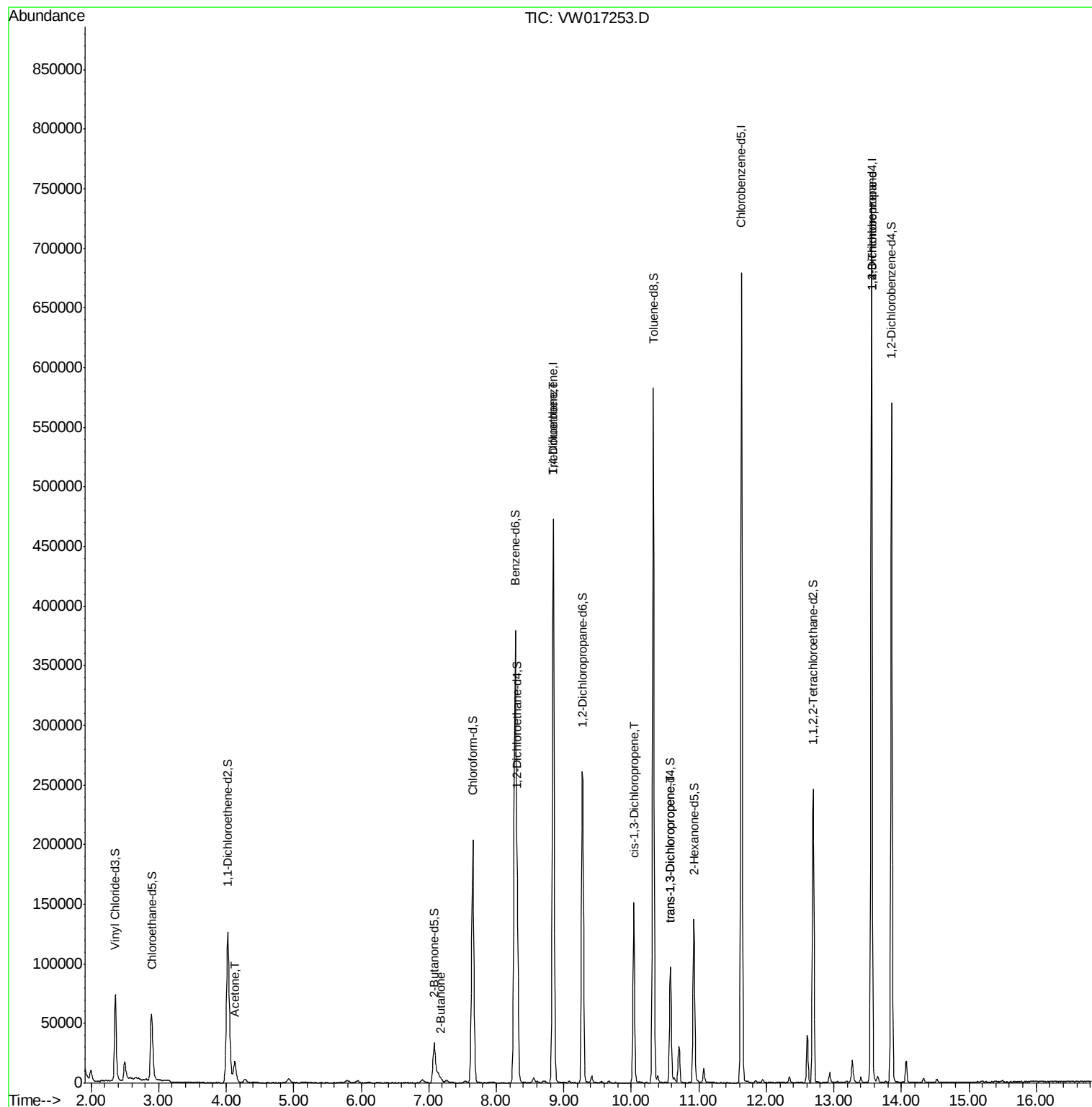
					Ovalue
13) Acetone	4.13	43	30940	38.762 ug/L	96
21) 2-Butanone	7.18	43	5202	4.059 ug/L	80
35) Trichloroethene	8.84	95	12597	2.156 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	4462	0.578 ug/L #	63
45) trans-1,3-Dichloropropene	10.58	75	2840	0.428 ug/L	95
59) 1,2,3-Trichloropropane	13.56	75	21769	6.236 ug/L	88

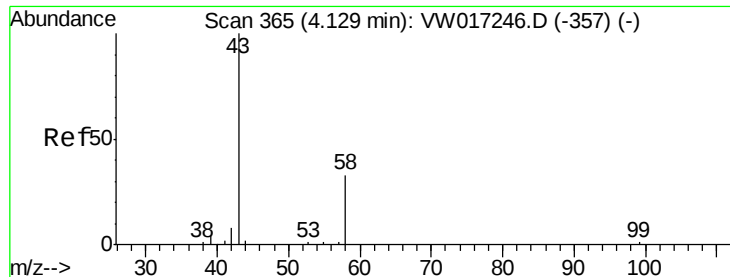
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Nov 17 06:08:23 2020
Response via : Initial Calibration





#13

Acetone

Concen: 38.762 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017253.D

Acq: 16 Nov 2020 13:46

Instrument :

MSVOA_W

ClientSampled :

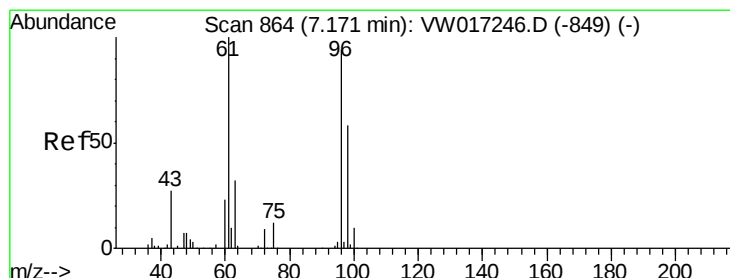
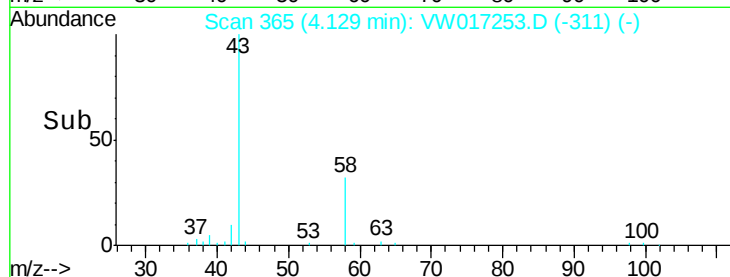
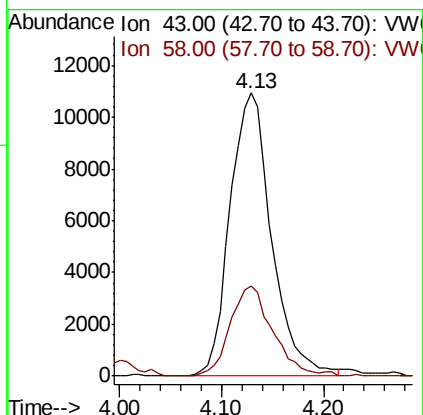
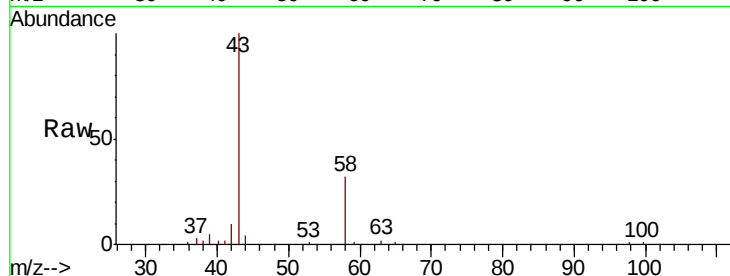
GB0Z6

Tot Ion: 43 Resp: 30940

Ion Ratio Lower Upper

43 100

58 32.1 0.0 69.2



#21

2-Butanone

Concen: 4.059 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW017253.D

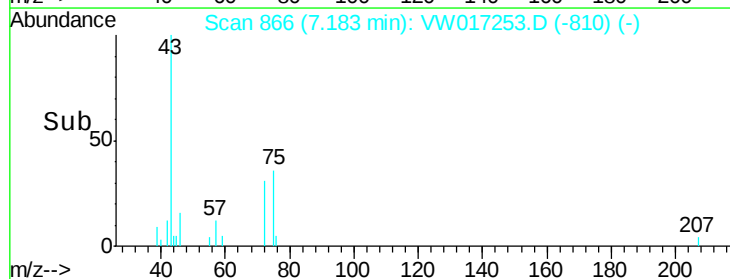
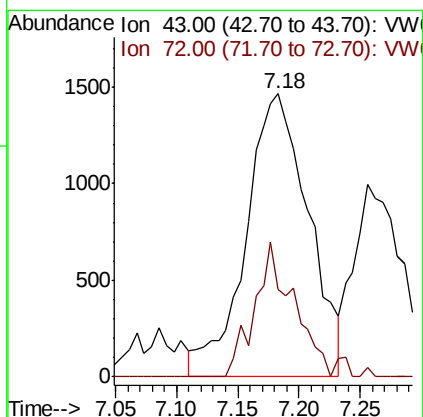
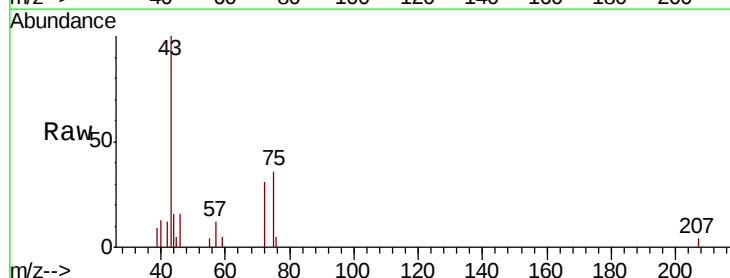
Acq: 16 Nov 2020 13:46

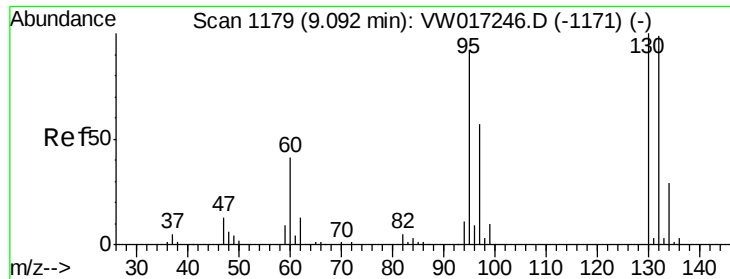
Tgt Ion: 43 Resp: 5202

Ion Ratio Lower Upper

43 100

72 21.1 16.1 48.3





#35

Trichloroethene

Concen: 2.156 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017253.D

Acq: 16 Nov 2020 13:46

Instrument :

MSVOA_W

ClientSampleId :

GB0Z6

Tot Ion: 95 Resp: 12597

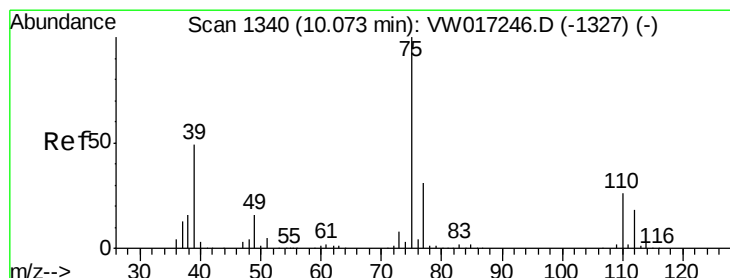
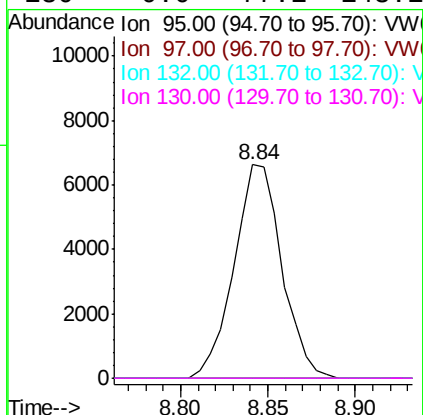
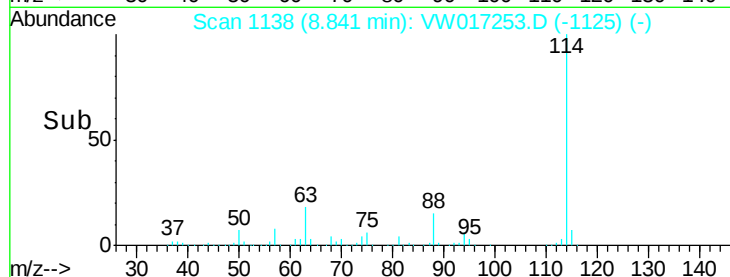
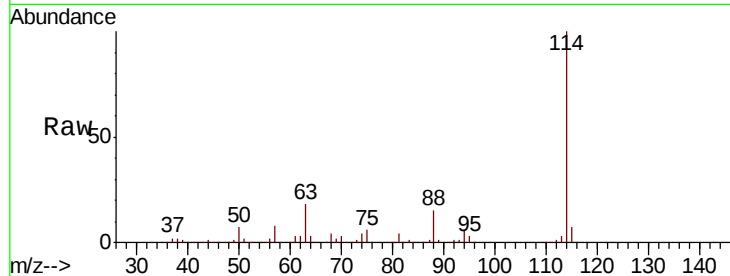
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.0 73.7 136.9#

130 0.0 77.1 143.1#



#42

cis-1,3-Dichloropropene

Concen: 0.578 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017253.D

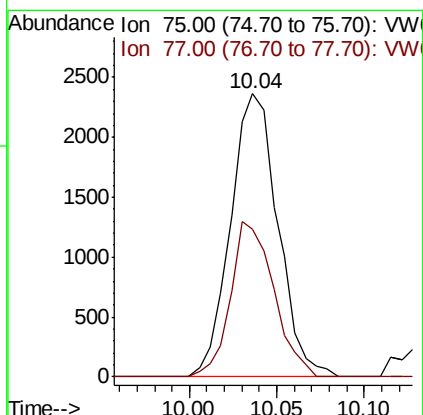
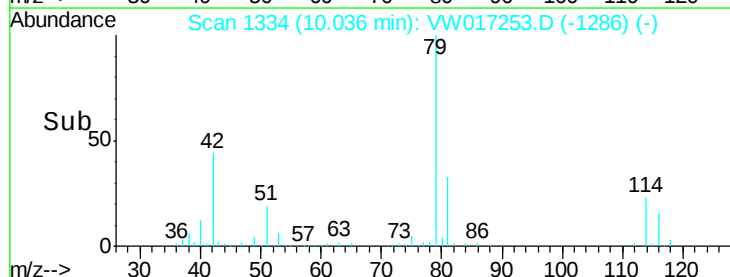
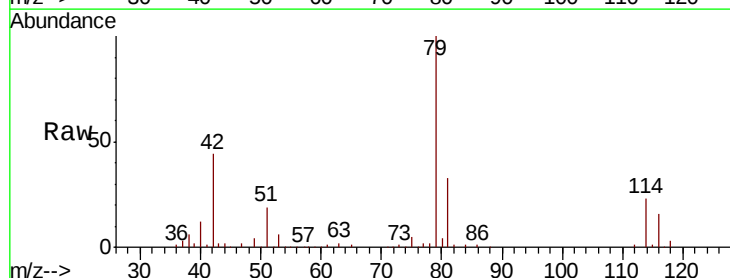
Acq: 16 Nov 2020 13:46

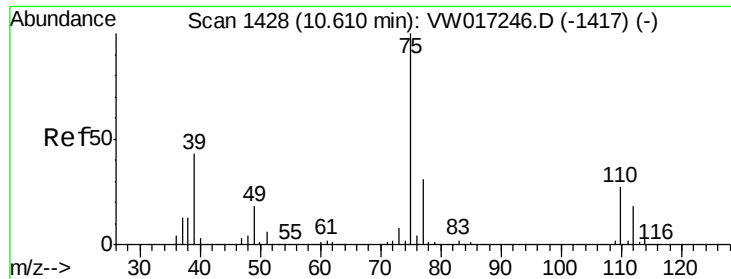
Tgt Ion: 75 Resp: 4462

Ion Ratio Lower Upper

75 100

77 52.2 22.0 41.0#





#45

trans-1,3-Dichloropropene

Concen: 0.428 ug/L

RT: 10.58 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017253.D

Acq: 16 Nov 2020 13:46

Instrument :

MSVOA_W

ClientSampleId :

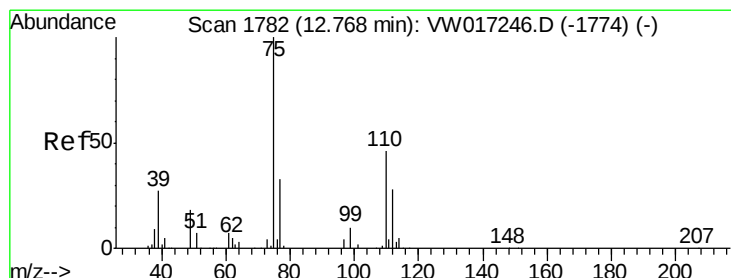
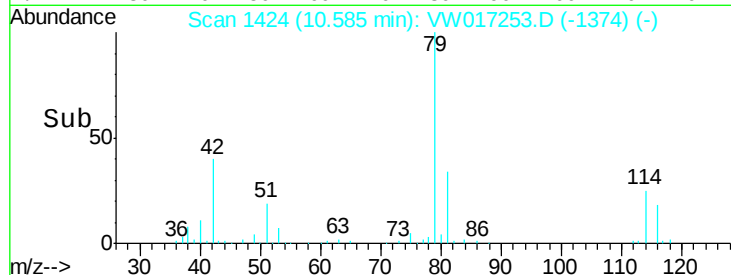
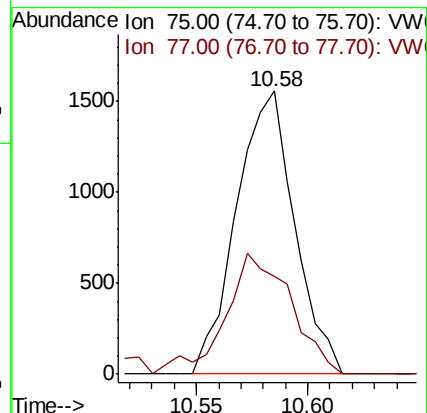
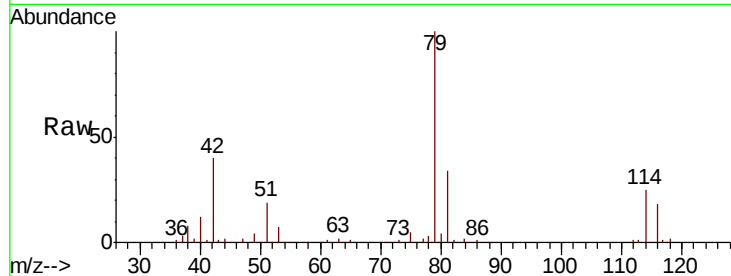
GB0Z6

Tot Ion: 75 Resp: 2840

Ion Ratio Lower Upper

75 100

77 34.6 22.1 41.1



#59

1,2,3-Trichloropropane

Concen: 6.236 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017253.D

Acq: 16 Nov 2020 13:46

Tgt Ion: 75 Resp: 21769

Ion Ratio Lower Upper

75 100

77 39.6 26.4 39.6

