

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112520\NOT REVIEWED DATA\
 Data File : VW017505.D
 Acq On : 25 Nov 2020 15:51
 Operator : SY/VA
 Sample : L4727-07
 Misc : 5.01G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK02

Quant Time: Nov 30 14:58:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 30 12:31:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	443770	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	402107	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	203446	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	139923	23.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.88%
7) Chloroethane-d5	2.89	69	109645	22.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.04%
10) 1,1-Dichloroethene-d2	4.03	63	233343	17.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.80%
20) 2-Butanone-d5	7.08	46	64918	52.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.46%
24) Chloroform-d	7.65	84	304493	24.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	8.30	65	159401	25.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.08%
29) Benzene-d6	8.28	84	608315	24.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.40%
33) 1,2-Dichloropropane-d6	9.27	67	172876	25.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.08%
37) Toluene-d8	10.32	98	551660	24.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.00%
38) trans-1,3-Dichloropropene-	10.58	79	73747	24.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.48%
39) 2-Hexanone-d5	10.93	63	45775	54.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	127793	25.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	196783	26.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.52%

Target Compounds

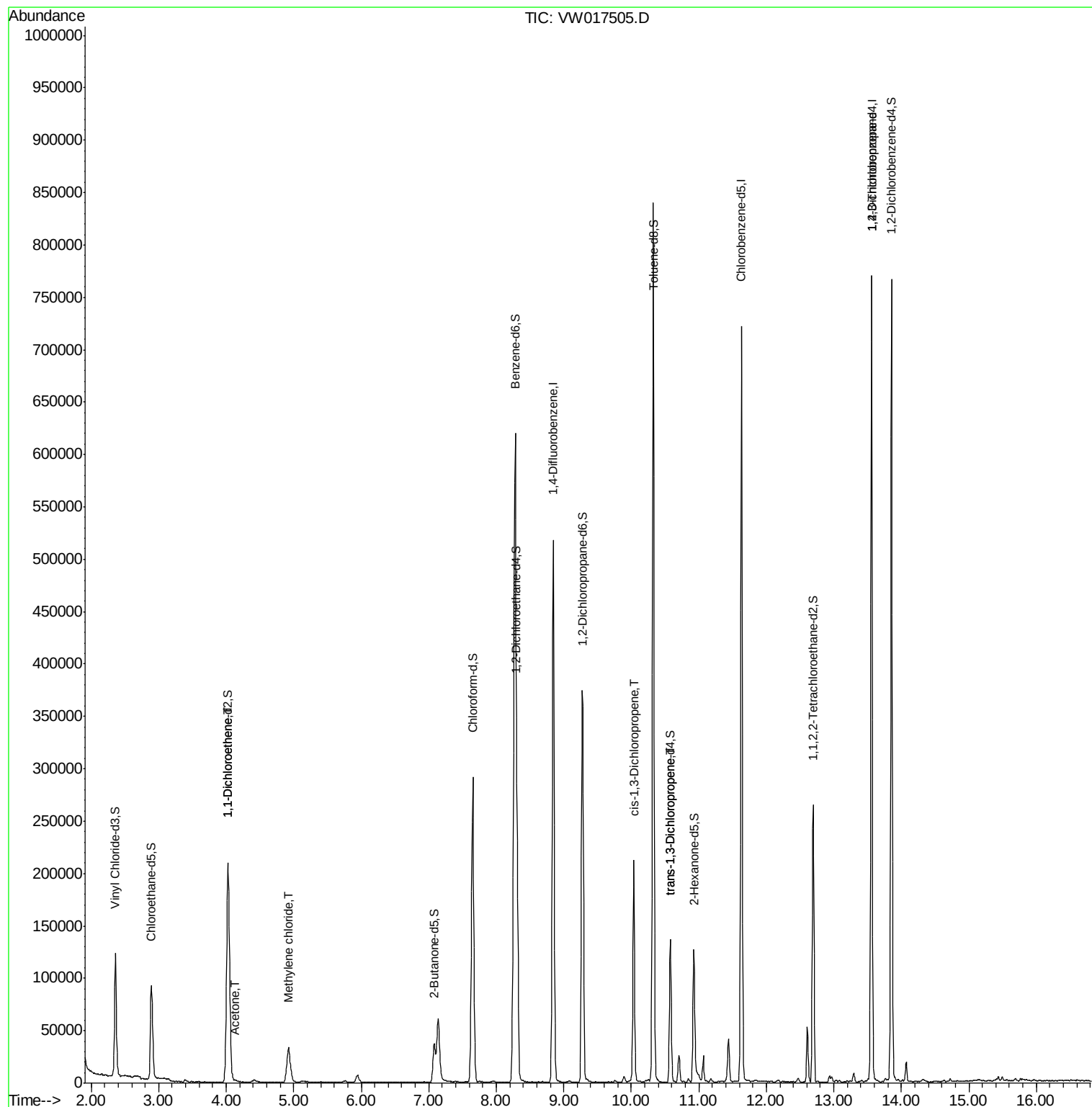
					Qvalue
12) 1,1-Dichloroethene	4.03	96	2110	0.343 ug/L #	1
13) Acetone	4.13	43	2415	2.039 ug/L	81
16) Methylene chloride	4.93	84	28138	4.223 ug/L	96
42) cis-1,3-Dichloropropene	10.04	75	5439	0.619 ug/L #	62
45) trans-1,3-Dichloropropene	10.59	75	3792	0.503 ug/L #	80
59) 1,2,3-Trichloropropane	13.56	75	23665	7.003 ug/L	99

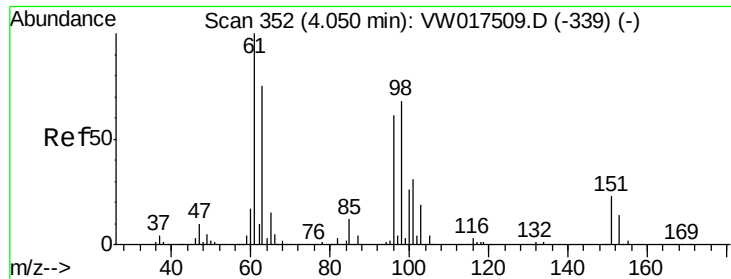
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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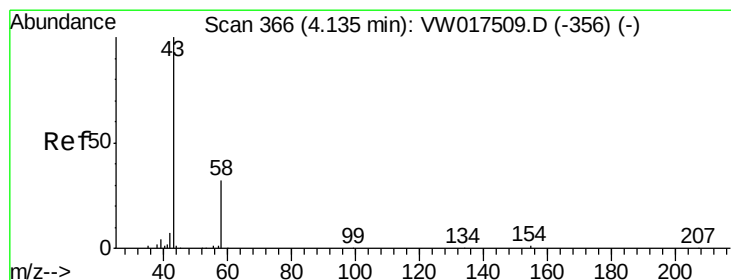
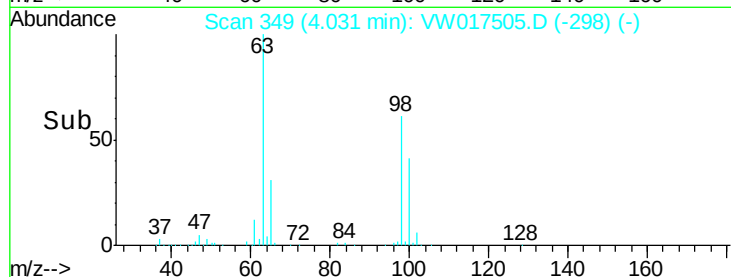
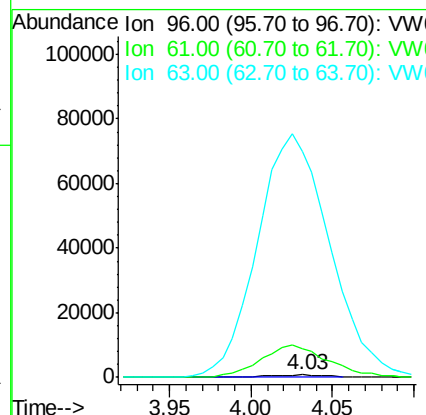
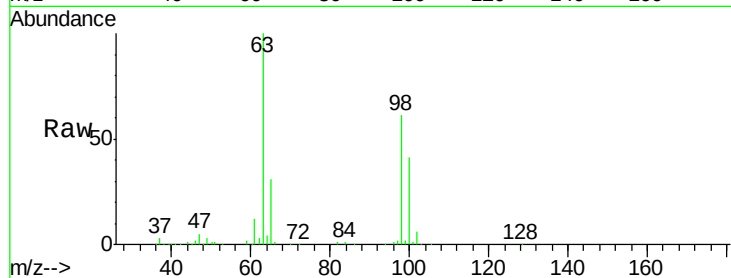




#12
 1,1-Dichloroethene
 Concen: 0.343 ug/L
 RT: 4.03 min Scan# 349
 Delta R.T. -0.02 min
 Lab File: VW017505.D
 Acq: 25 Nov 2020 15:51

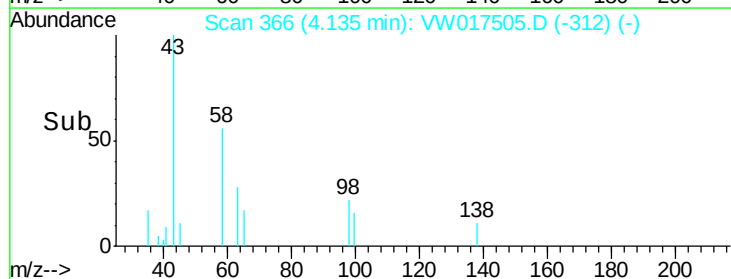
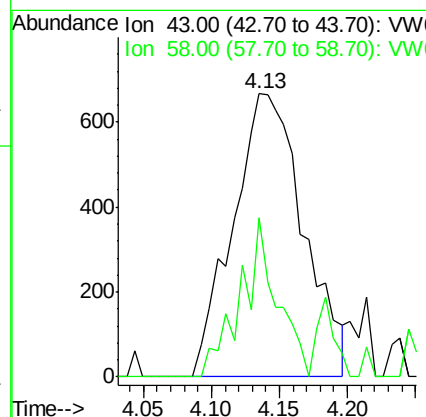
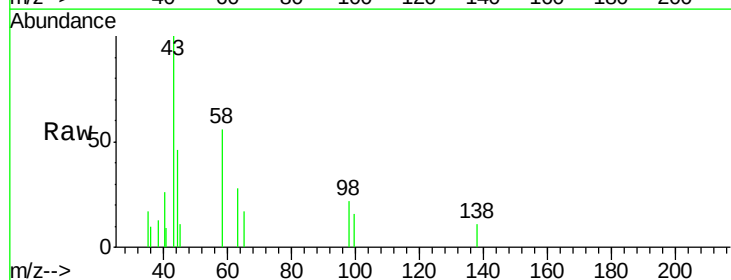
Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK02

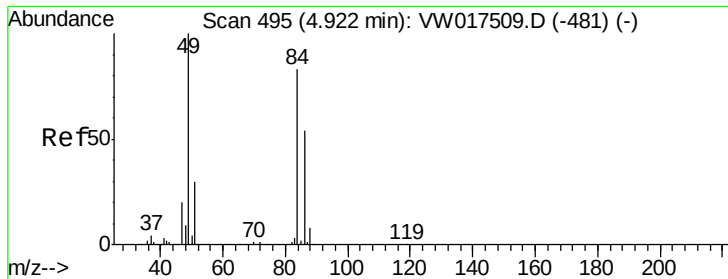
Tgt Ion: 96 Resp: 2110
 Ion Ratio Lower Upper
 96 100
 61 1147.5 112.5 208.9#
 63 9184.2 83.1 154.3#



#13
 Acetone
 Concen: 2.039 ug/L
 RT: 4.13 min Scan# 366
 Delta R.T. -0.00 min
 Lab File: VW017505.D
 Acq: 25 Nov 2020 15:51

Tgt Ion: 43 Resp: 2415
 Ion Ratio Lower Upper
 43 100
 58 23.4 0.0 68.4

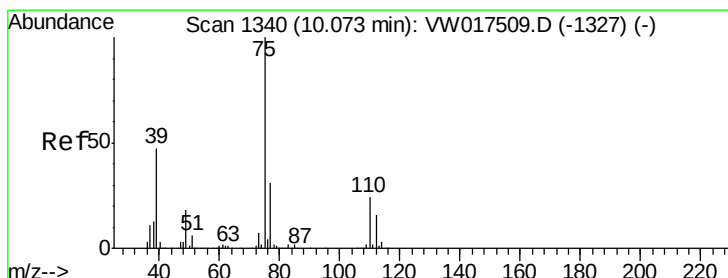
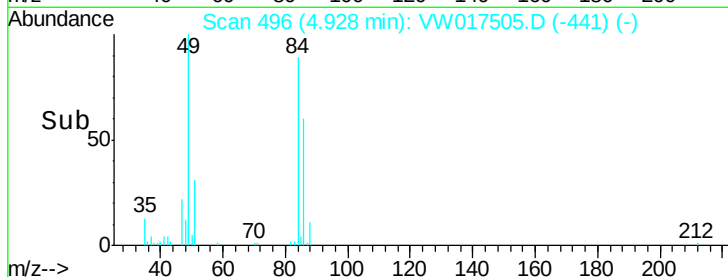
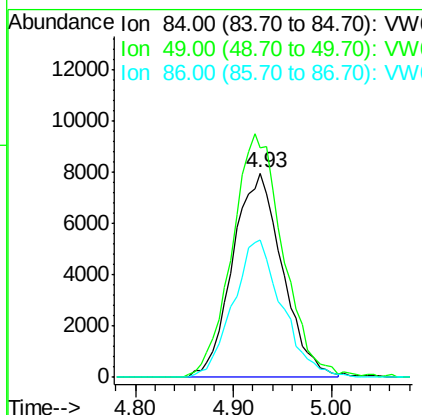
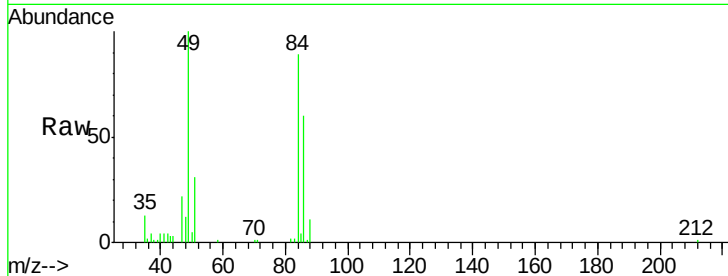




#16
Methylene chloride
Concen: 4.223 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW017505.D
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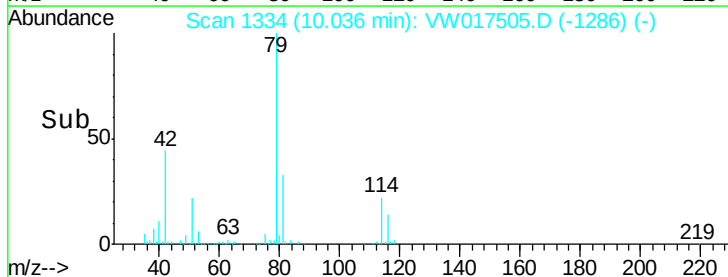
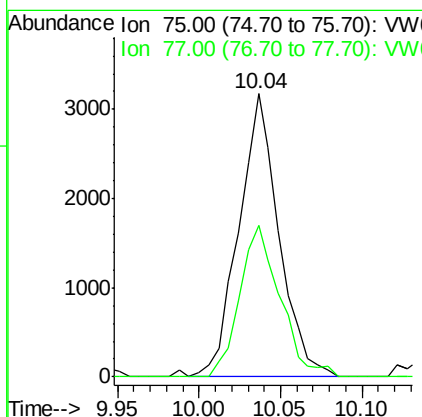
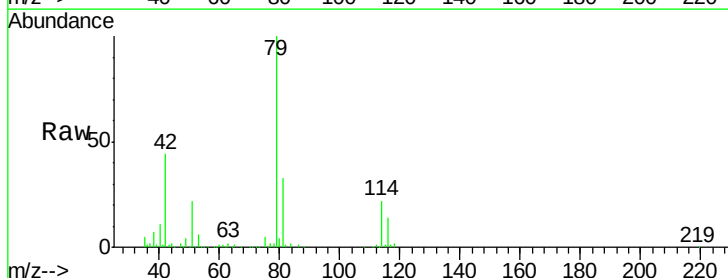
Instrument :
MSVOA_W
ClientSampleId :
VHBLK02

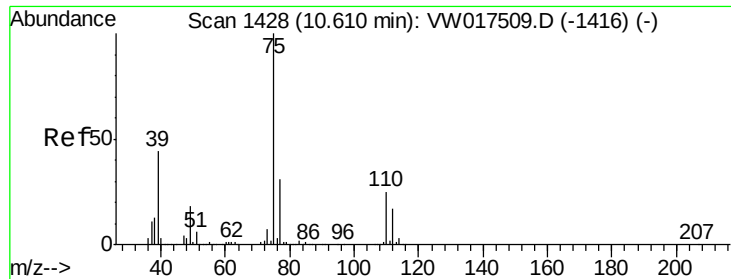
Tgt Ion: 84 Resp: 28138
Ion Ratio Lower Upper
84 100
49 112.7 81.2 150.8
86 67.2 44.5 82.7



#42
cis-1,3-Dichloropropene
Concen: 0.619 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017505.D
Acq: 25 Nov 2020 15:51

Tgt Ion: 75 Resp: 5439
Ion Ratio Lower Upper
75 100
77 53.6 22.7 42.3#





#45

trans-1,3-Dichloropropene

Concen: 0.503 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017505.D

Acq: 25 Nov 2020 15:51

Instrument :

MSVOA_W

ClientSampled :

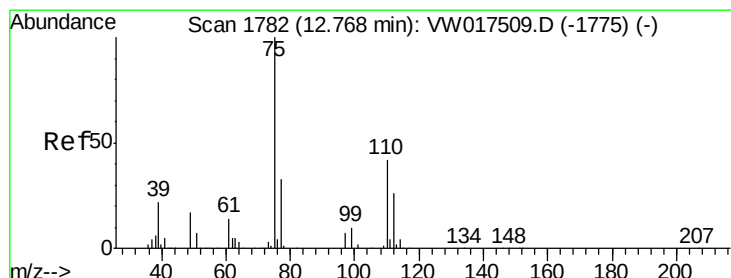
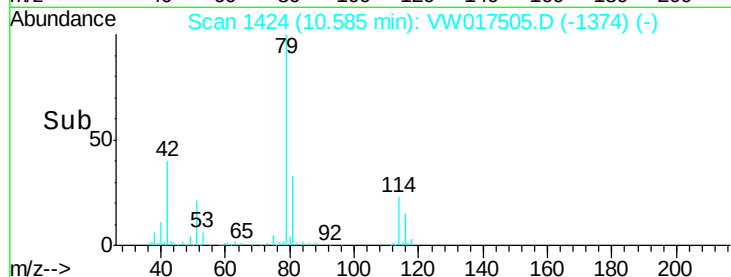
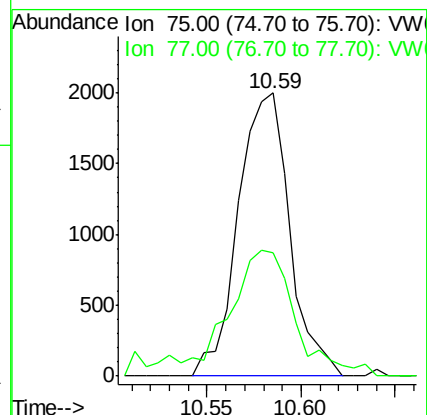
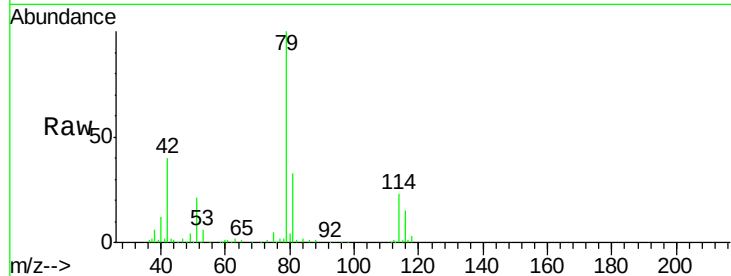
VHBLK02

Tgt Ion: 75 Resp: 3792

Ion Ratio Lower Upper

75 100

77 43.6 22.6 42.0#



#59

1,2,3-Trichloropropane

Concen: 7.003 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017505.D

Acq: 25 Nov 2020 15:51

Tgt Ion: 75 Resp: 23665

Ion Ratio Lower Upper

75 100

77 33.6 26.6 39.8

