

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
 Data File : VW017247.D
 Acq On : 16 Nov 2020 11:12
 Operator : SY/VA
 Sample : VW1116SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK02

Quant Time: Nov 17 06:09:21 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	387715	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	350565	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	171818	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	100973	20.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.72%
7) Chloroethane-d5	2.90	69	91997	24.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.80%
10) 1,1-Dichloroethene-d2	4.03	63	153761	17.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.40%
20) 2-Butanone-d5	7.09	46	45125	41.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.64%
24) Chloroform-d	7.65	84	240875	26.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.44%
26) 1,2-Dichloroethane-d4	8.31	65	117890	26.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.80%
29) Benzene-d6	8.28	84	453511	25.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.60%
33) 1,2-Dichloropropane-d6	9.28	67	124305	25.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.68%
37) Toluene-d8	10.33	98	433208	25.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.96%
38) trans-1,3-Dichloropropene-	10.58	79	51475	23.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.48%
39) 2-Hexanone-d5	10.93	63	36701	42.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	97385	22.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	164578	27.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.76%

Target Compounds

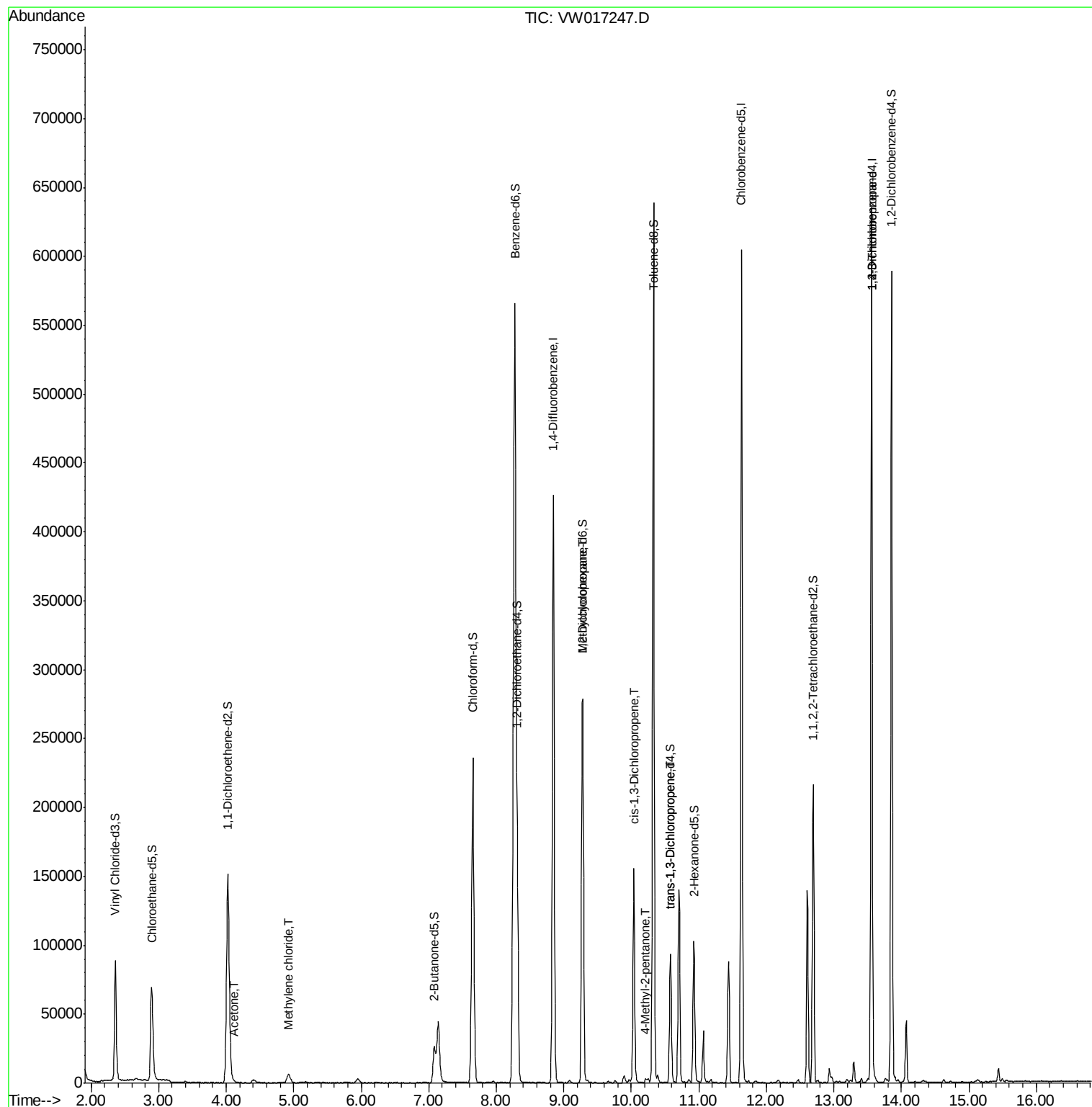
					Ovalue
13) Acetone	4.12	43	307	0.420 ug/L	78
16) Methylene chloride	4.92	84	5672	1.085 ug/L	94
36) Methylcyclohexane	9.28	83	34179	4.119 ug/L #	22
42) cis-1,3-Dichloropropene	10.04	75	4346	0.638 ug/L #	72
43) 4-Methyl-2-pentanone	10.21	43	2381	0.897 ug/L #	80
45) trans-1,3-Dichloropropene	10.58	75	3056	0.522 ug/L #	77
59) 1,2,3-Trichloropropane	13.56	75	18654	6.055 ug/L	89

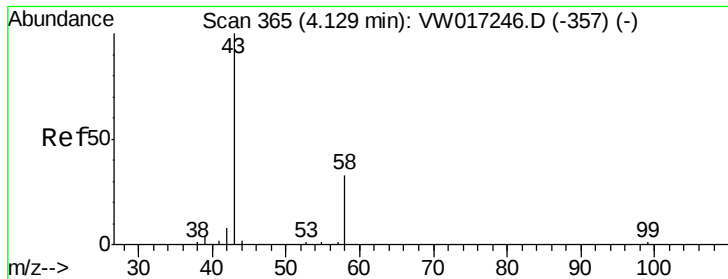
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VBLK02

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





#13

Acetone

Concen: 0.420 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017247.D

Acq: 16 Nov 2020 11:12

Instrument :

MSVOA_W

ClientSampleId :

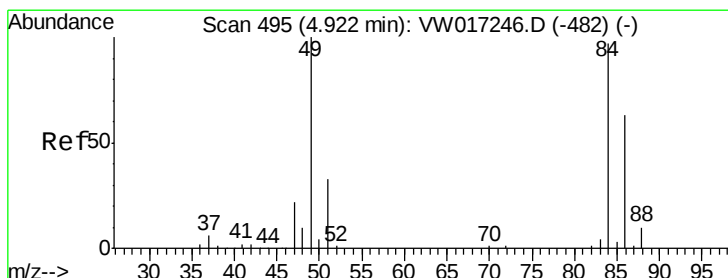
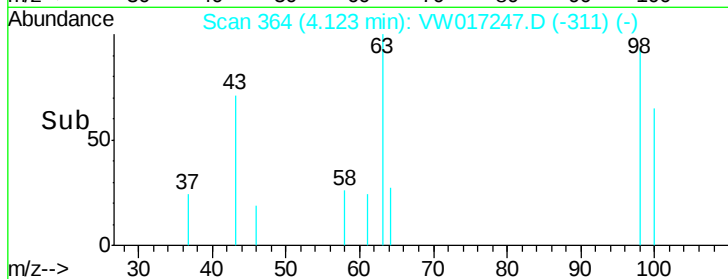
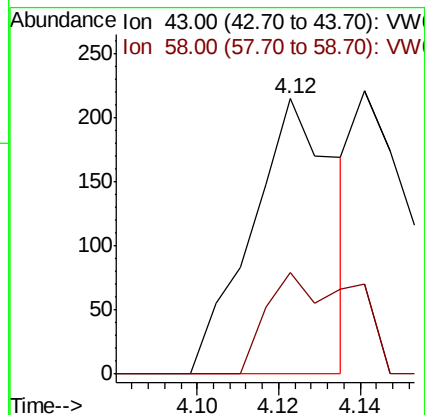
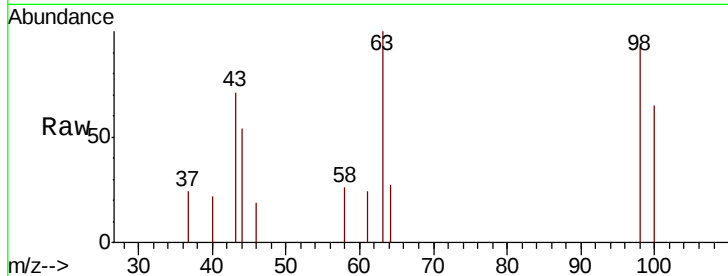
VBLK02

Tot Ion: 43 Resp: 307

Ion Ratio Lower Upper

43 100

58 22.1 0.0 69.2



#16

Methylene chloride

Concen: 1.085 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW017247.D

Acq: 16 Nov 2020 11:12

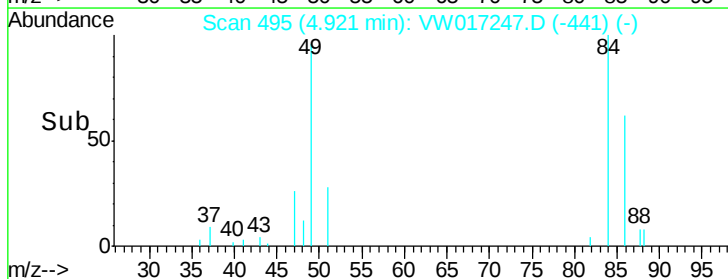
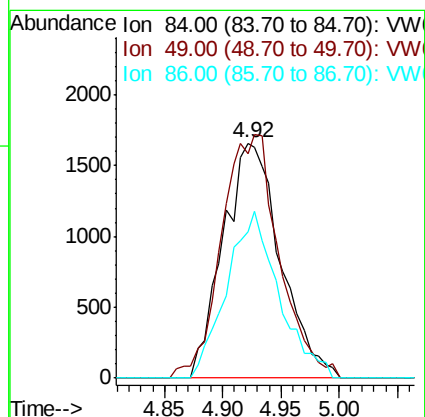
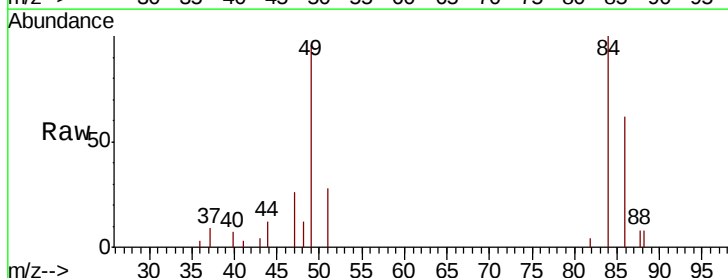
Tgt Ion: 84 Resp: 5672

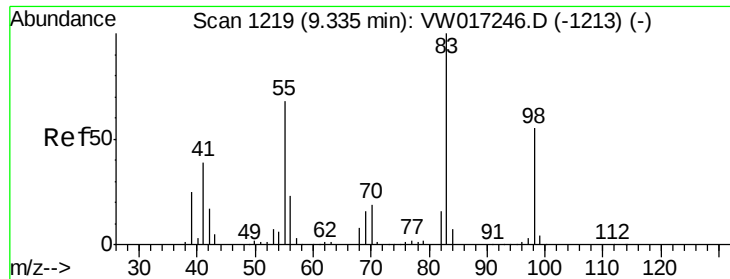
Ion Ratio Lower Upper

84 100

49 95.7 72.3 134.3

86 62.3 45.1 83.7

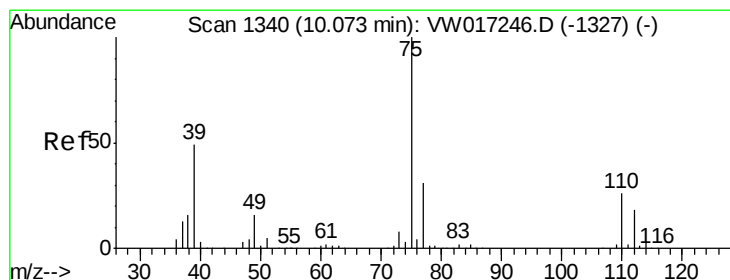
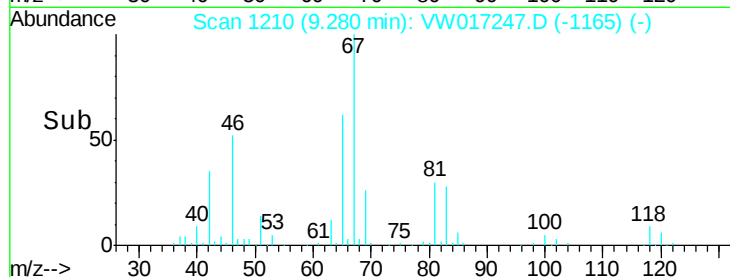
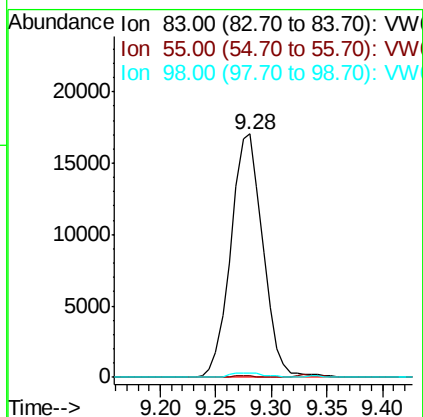
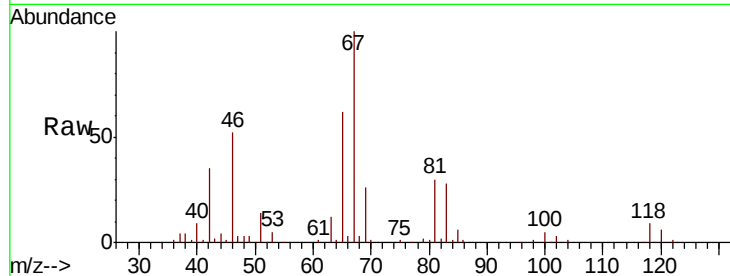




#36
Methylcyclohexane
Concen: 4.119 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW017247.D
Acq: 16 Nov 2020 11:12

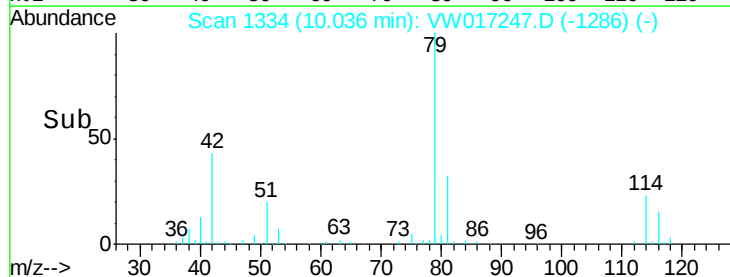
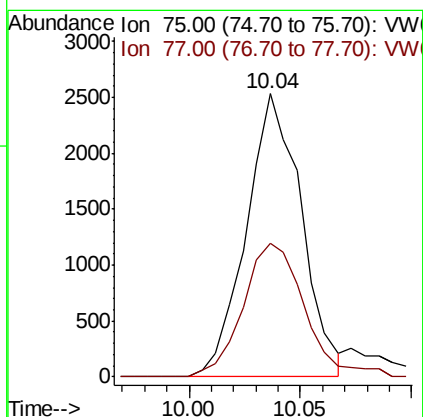
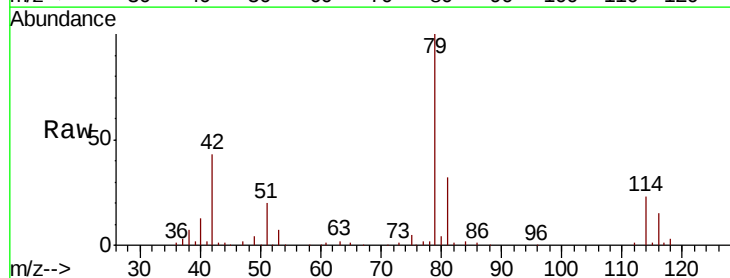
Instrument :
MSVOA_W
ClientSampled :
VBLK02

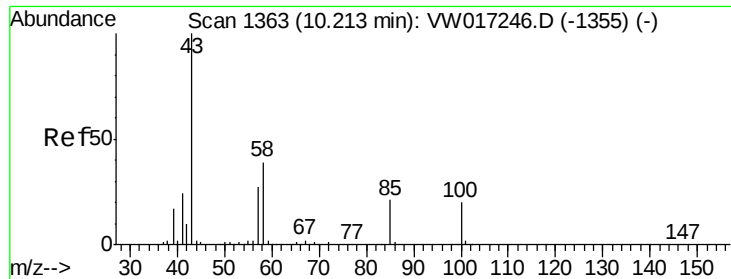
Tot Ion: 83 Resp: 34179
Ion Ratio Lower Upper
83 100
55 0.4 54.4 81.6#
98 1.7 40.5 60.7#



#42
cis-1,3-Dichloropropene
Concen: 0.638 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017247.D
Acq: 16 Nov 2020 11:12

Tgt Ion: 75 Resp: 4346
Ion Ratio Lower Upper
75 100
77 47.2 22.0 41.0#





#43

4-Methyl-2-pentanone

Concen: 0.897 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW017247.D

Acq: 16 Nov 2020 11:12

Instrument :

MSVOA_W

ClientSampleId :

VBLK02

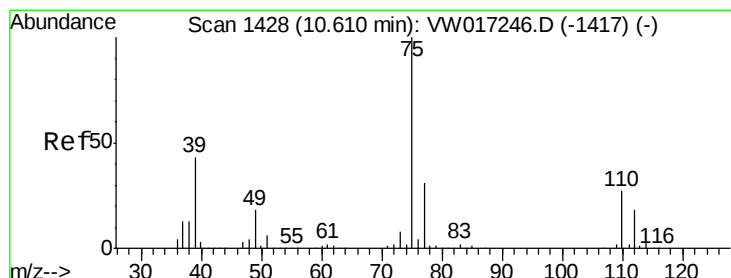
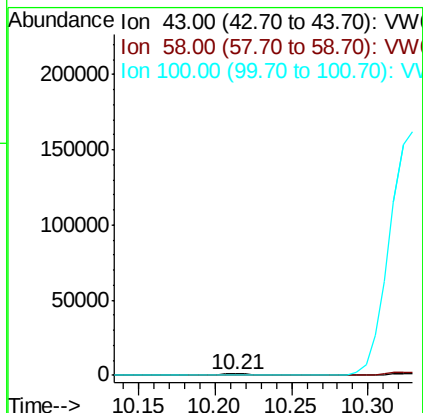
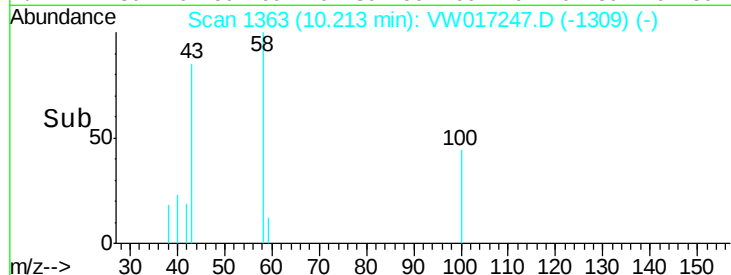
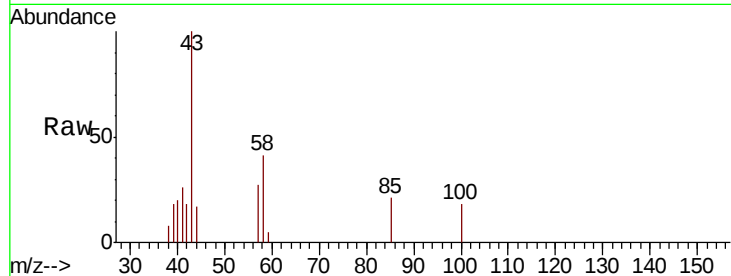
Tot Ion: 43 Resp: 2381

Ion Ratio Lower Upper

43 100

58 31.0 35.0 52.6#

100 11.0 16.6 24.8#



#45

trans-1,3-Dichloropropene

Concen: 0.522 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017247.D

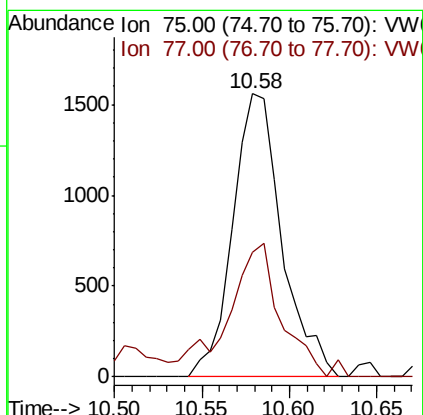
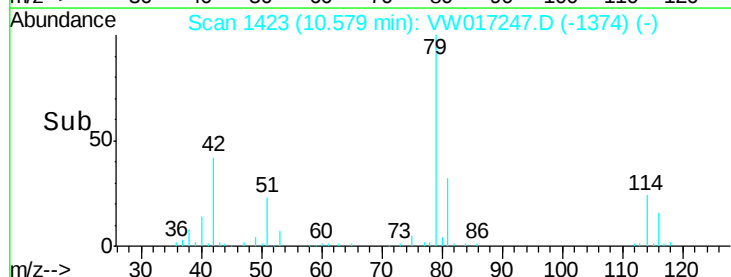
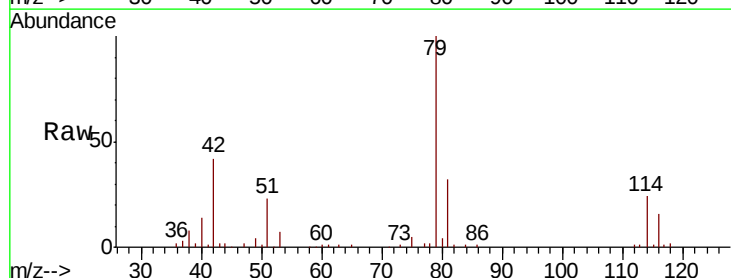
Acq: 16 Nov 2020 11:12

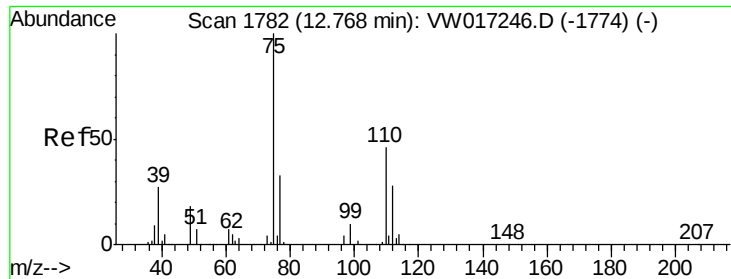
Tgt Ion: 75 Resp: 3056

Ion Ratio Lower Upper

75 100

77 44.1 22.1 41.1#





#59

1,2,3-Trichloropropane

Concen: 6.055 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017247.D

Acq: 16 Nov 2020 11:12

Instrument :

MSVOA_W

ClientSampleId :

VBLK02

Tot Ion: 75 Resp: 18654

Ion Ratio Lower Upper

75 100

77 39.1 26.4 39.6

