

Data File : VW017447.D
Acq On : 21 Nov 2020 03:44
Operator : SY/VA
Sample : L4860-14
Misc : 5.13G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BE0

Quant Time: Nov 21 04:55:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 02:27:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	403781	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	374921	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	213266	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	94065	15.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.96%
7) Chloroethane-d5	2.89	69	100447	21.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.60%
10) 1,1-Dichloroethene-d2	4.01	63	136478	13.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.20%
20) 2-Butanone-d5	7.08	46	35517	36.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.36%
24) Chloroform-d	7.65	84	213103	20.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.36%
26) 1,2-Dichloroethane-d4	8.31	65	106300	20.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.96%
29) Benzene-d6	8.27	84	415026	19.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.56%
33) 1,2-Dichloropropane-d6	9.27	67	115885	20.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.32%
37) Toluene-d8	10.32	98	388952	19.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.20%
38) trans-1,3-Dichloropropene-	10.58	79	53364	21.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.08%
39) 2-Hexanone-d5	10.93	63	35184	46.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	81981	19.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	134593	17.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.40%#

Target Compounds

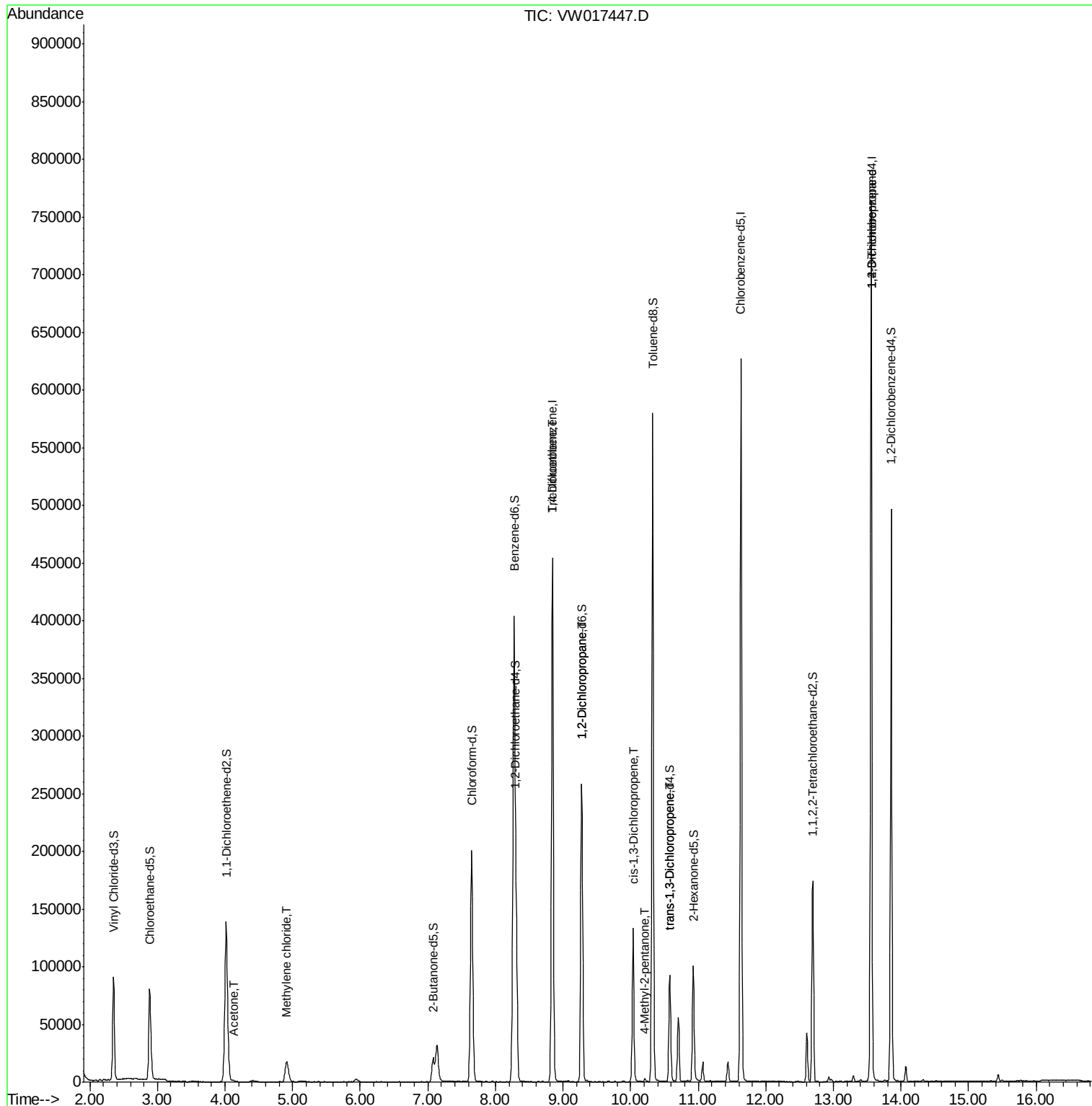
					Qvalue
13) Acetone	4.12	43	1181	1.649 ug/L	74
16) Methylene chloride	4.90	84	8817	1.277 ug/L	95
35) Trichloroethene	8.84	95	11815	1.972 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	13896	2.901 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	3591	0.483 ug/L #	67
43) 4-Methyl-2-pentanone	10.21	43	1717	0.722 ug/L	94
45) trans-1,3-Dichloropropene	10.58	75	2420	0.384 ug/L	88
59) 1,2,3-Trichloropropane	13.55	75	21160	7.168 ug/L	97

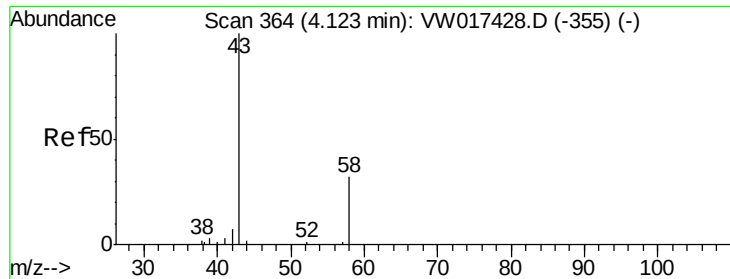
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.649 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

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Acq: 21 Nov 2020 03:44

Instrument :

MSVOA_W

ClientSampled :

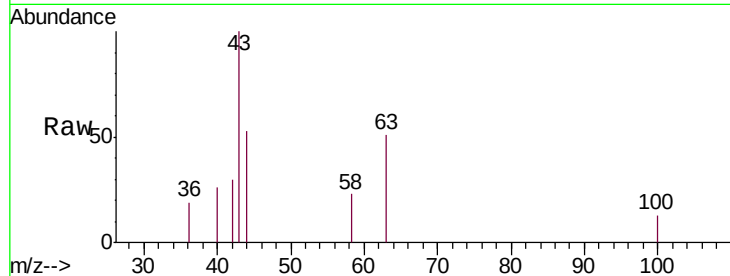
C0BE0

Tgt Ion: 43 Resp: 1181

Ion Ratio Lower Upper

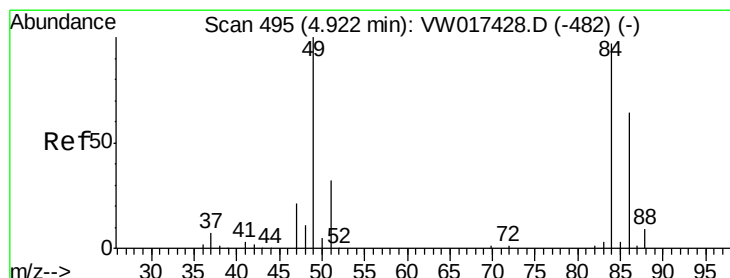
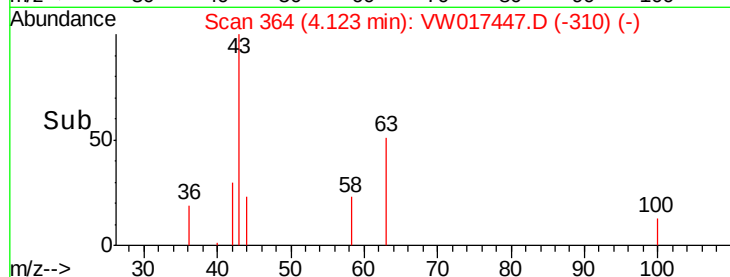
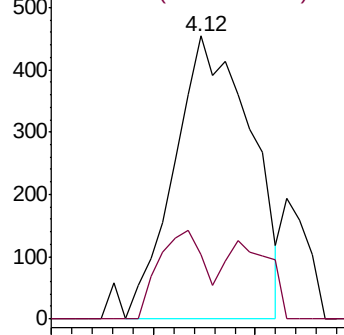
43 100

58 18.7 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.277 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

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Acq: 21 Nov 2020 03:44

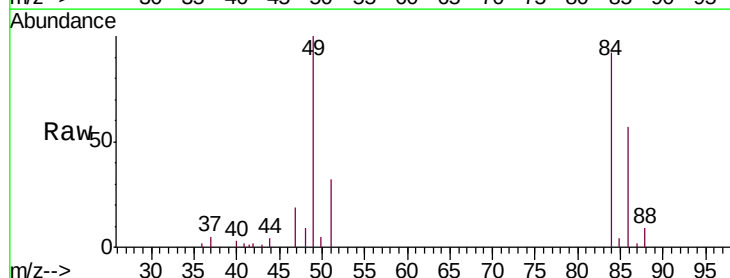
Tgt Ion: 84 Resp: 8817

Ion Ratio Lower Upper

84 100

49 109.2 71.5 132.9

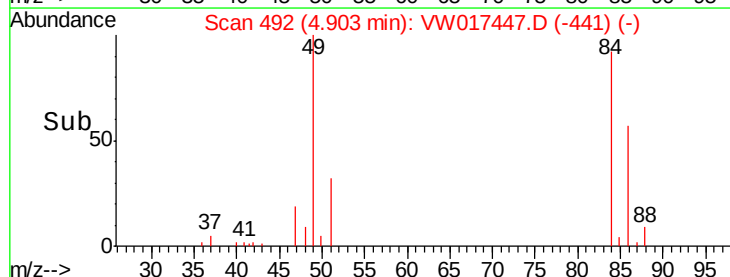
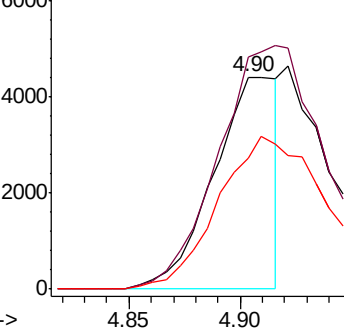
86 62.0 42.8 79.4

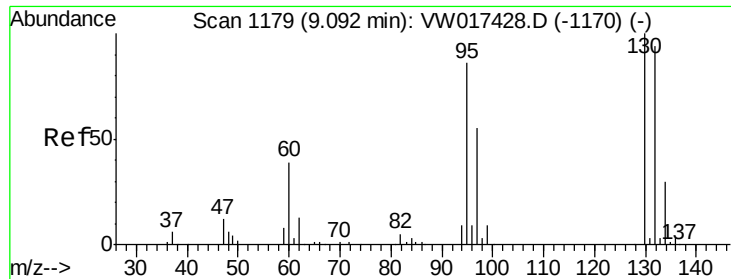


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 1.972 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Acq: 21 Nov 2020 03:44

Instrument :

MSVOA_W

ClientSampleId :

C0BE0

Tgt Ion: 95 Resp: 11815

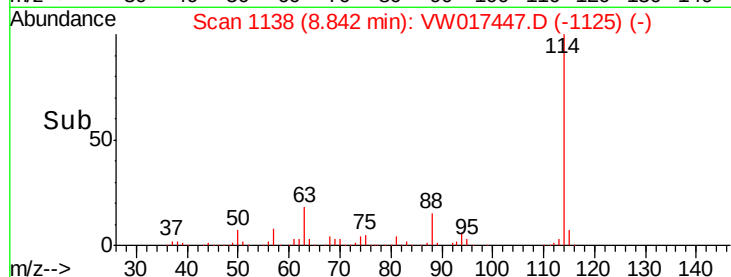
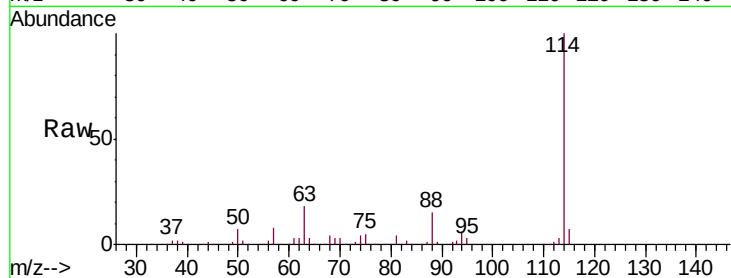
Ion Ratio Lower Upper

95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#

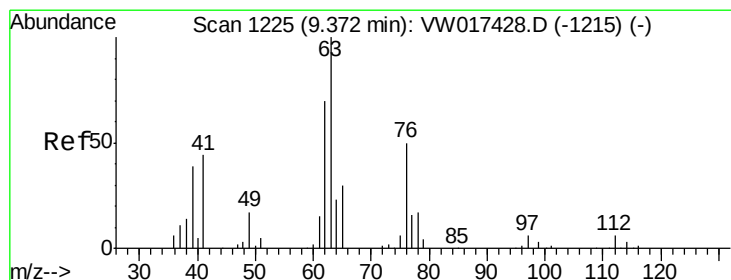
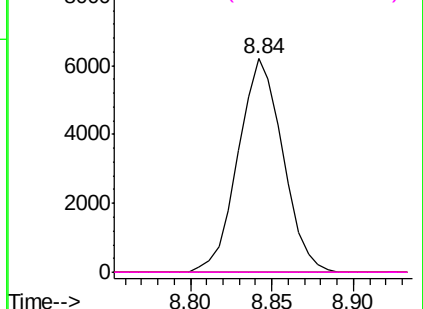


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 2.901 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW017447.D

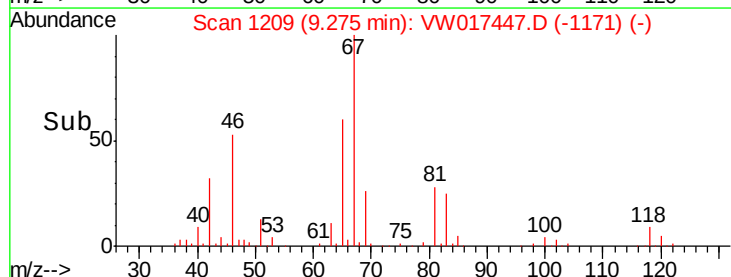
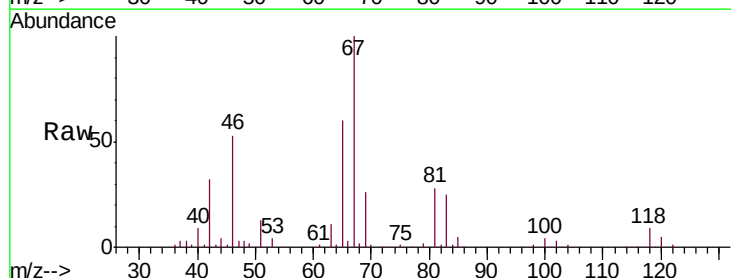
Acq: 21 Nov 2020 03:44

Tgt Ion: 63 Resp: 13896

Ion Ratio Lower Upper

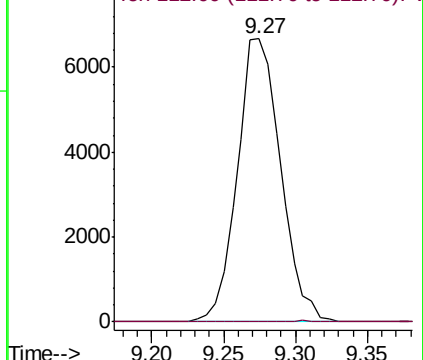
63 100

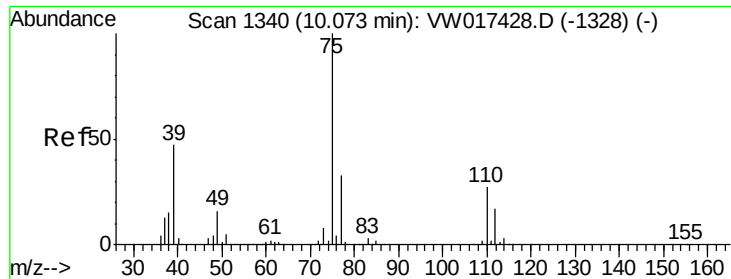
112 0.0 4.2 6.4#



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: 0.483 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017447.D

Acq: 21 Nov 2020 03:44

Instrument :

MSVOA_W

ClientSampleId :

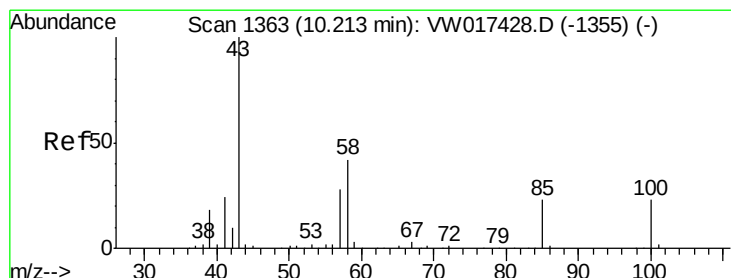
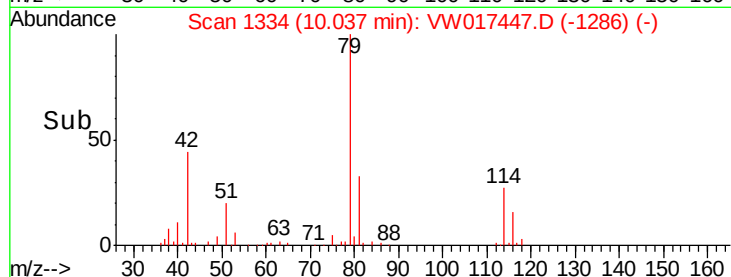
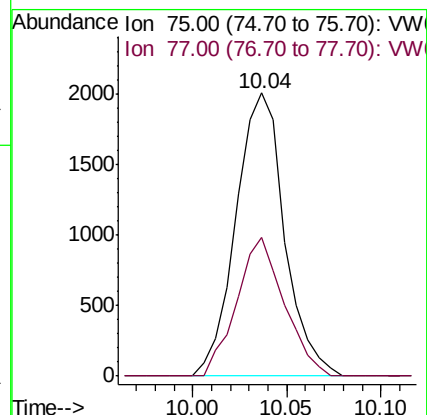
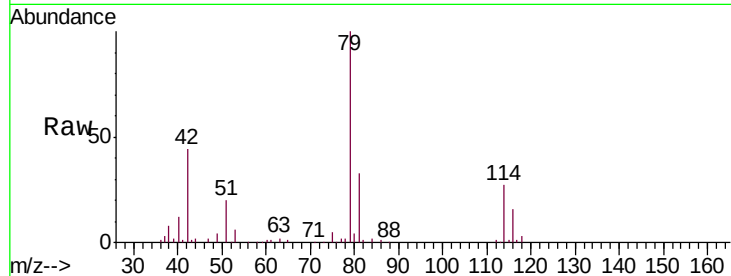
C0BE0

Tgt Ion: 75 Resp: 3591

Ion Ratio Lower Upper

75 100

77 49.1 21.8 40.4#



#43

4-Methyl-2-pentanone

Concen: 0.722 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW017447.D

Acq: 21 Nov 2020 03:44

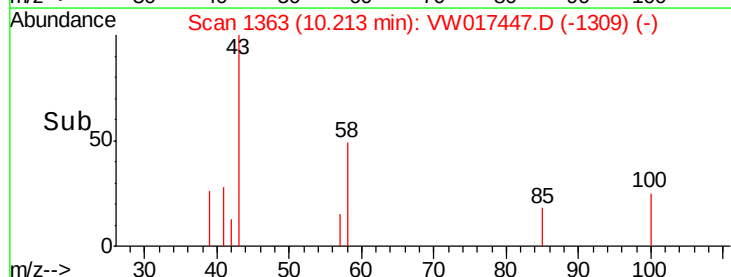
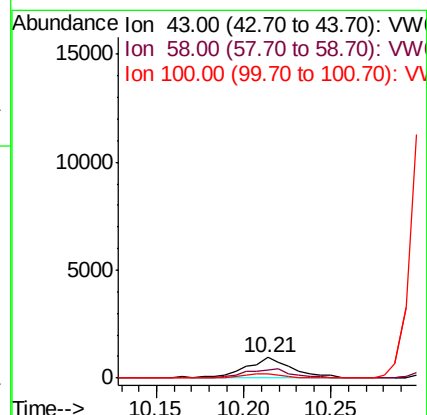
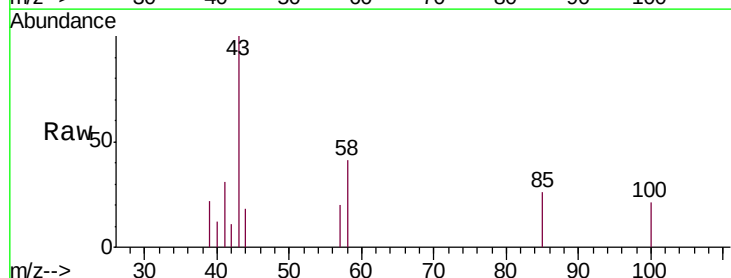
Tgt Ion: 43 Resp: 1717

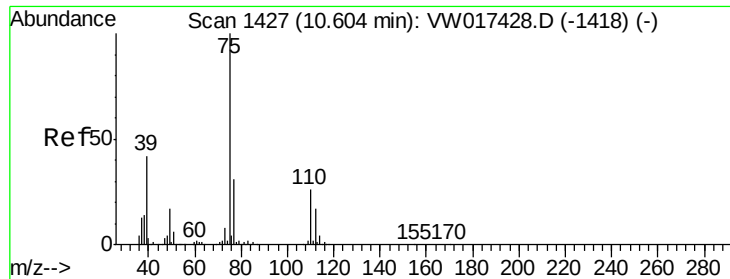
Ion Ratio Lower Upper

43 100

58 46.4 33.4 50.2

100 18.6 16.3 24.5





#45

trans-1,3-Dichloropropene

Concen: 0.384 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017447.D

Acq: 21 Nov 2020 03:44

Instrument :

MSVOA_W

ClientSampled :

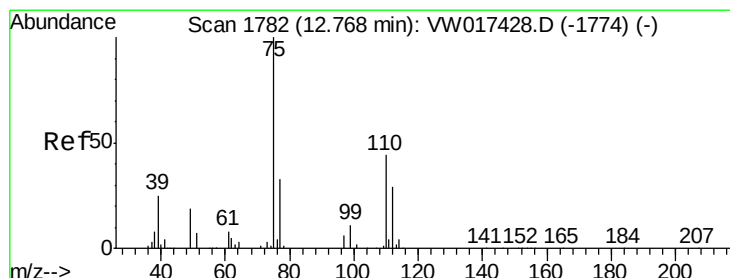
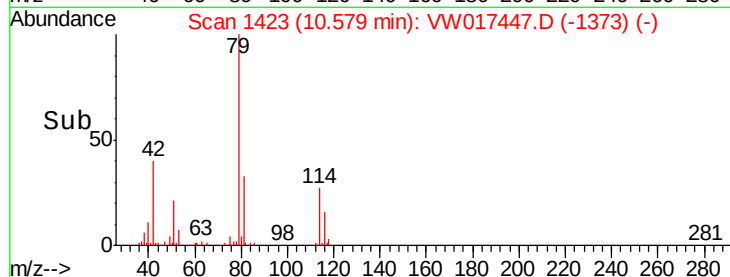
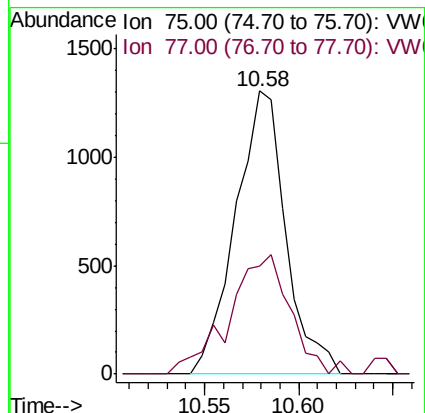
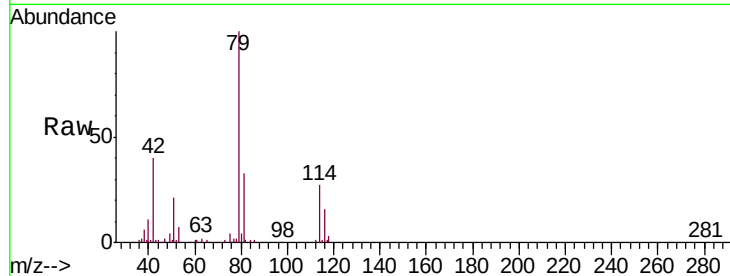
C0BE0

Tgt Ion: 75 Resp: 2420

Ion Ratio Lower Upper

75 100

77 38.1 22.0 40.8



#59

1,2,3-Trichloropropane

Concen: 7.168 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017447.D

Acq: 21 Nov 2020 03:44

Tgt Ion: 75 Resp: 21160

Ion Ratio Lower Upper

75 100

77 35.0 26.6 40.0

