

Data File : VW017444.D
Acq On : 21 Nov 2020 02:33
Operator : SY/VA
Sample : L4860-10
Misc : 5.59G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BC7

Quant Time: Nov 21 04:55:08 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	285656	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	279722	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	132178	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	69832	16.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.04%
7) Chloroethane-d5	2.89	69	79120	23.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.20%
10) 1,1-Dichloroethene-d2	4.01	63	105615	14.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.12%
20) 2-Butanone-d5	7.07	46	37462	53.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.88%
24) Chloroform-d	7.65	84	186281	24.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.28%
26) 1,2-Dichloroethane-d4	8.31	65	100472	27.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.84%
29) Benzene-d6	8.27	84	346721	21.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.96%
33) 1,2-Dichloropropane-d6	9.27	67	100636	23.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.84%
37) Toluene-d8	10.32	98	327844	22.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.32%
38) trans-1,3-Dichloropropene-	10.58	79	42027	22.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.92%
39) 2-Hexanone-d5	10.93	63	29630	52.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	85184	26.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	123099	25.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.92%

Target Compounds

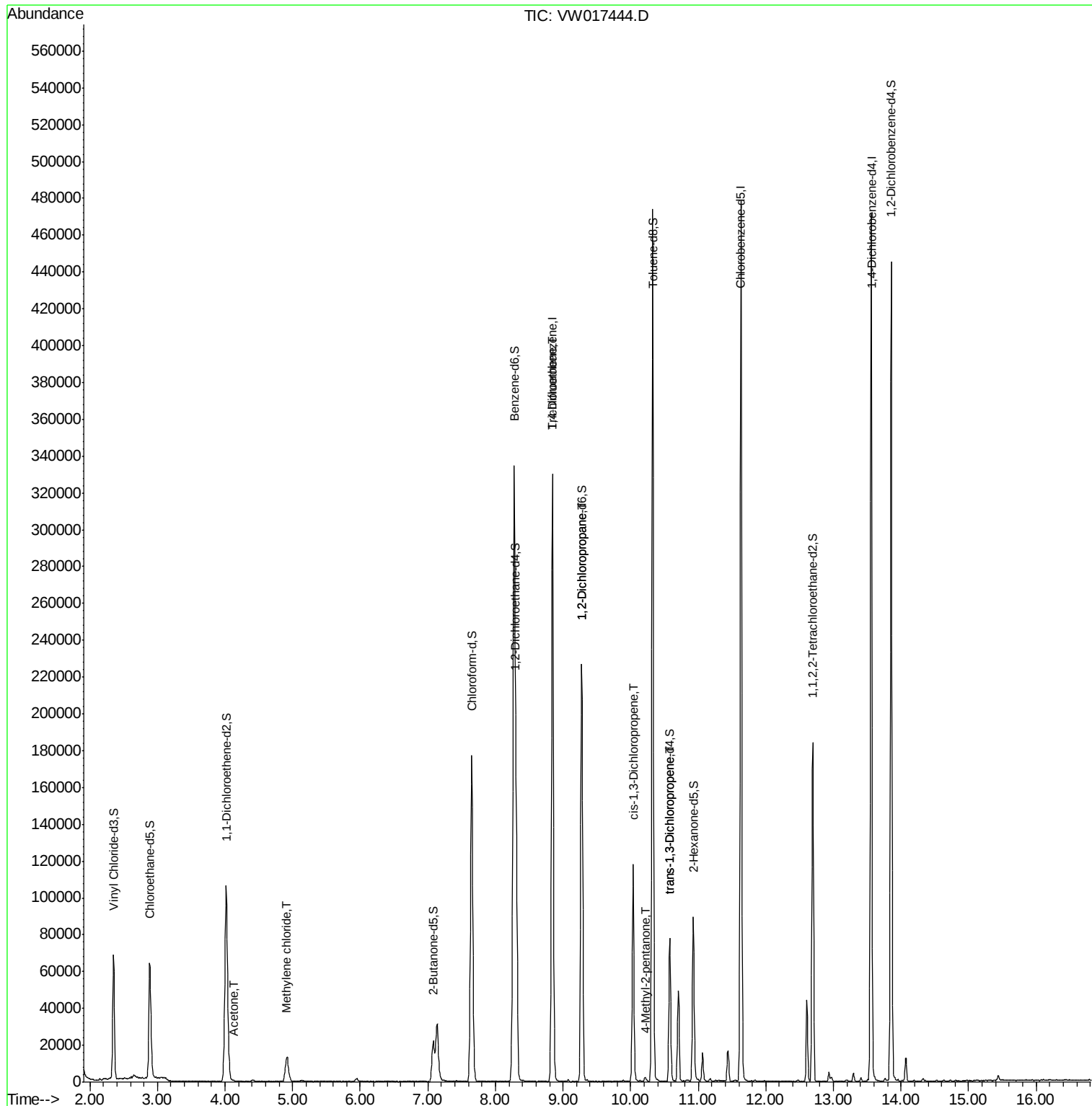
					Qvalue
13) Acetone	4.13	43	742	1.464 ug/L	63
16) Methylene chloride	4.91	84	11672	2.389 ug/L	96
35) Trichloroethene	8.84	95	8776	1.963 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	12510	3.500 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3285	0.592 ug/L #	68
43) 4-Methyl-2-pentanone	10.22	43	1574	0.887 ug/L	97
45) trans-1,3-Dichloropropene	10.58	75	2209	0.470 ug/L #	59

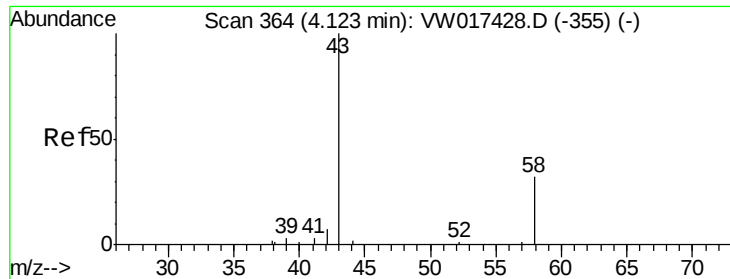
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.464 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Acq: 21 Nov 2020 02:33

Instrument :

MSVOA_W

ClientSampleId :

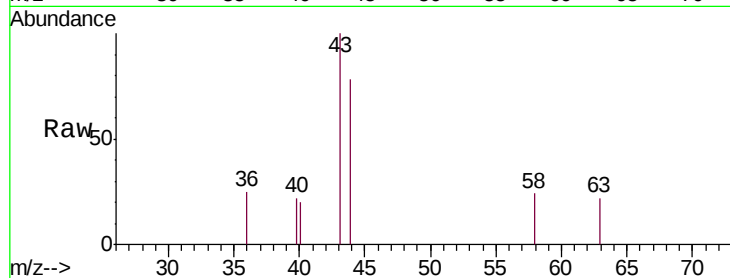
C0BC7

Tgt Ion: 43 Resp: 742

Ion Ratio Lower Upper

43 100

58 12.4 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

300

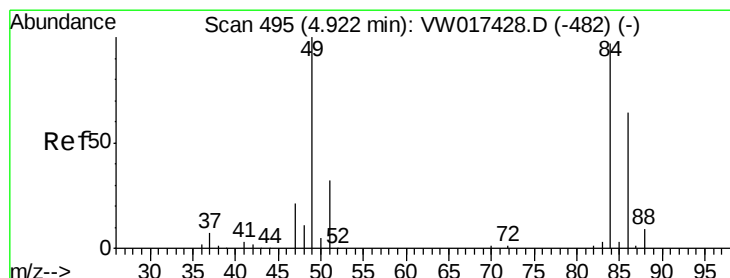
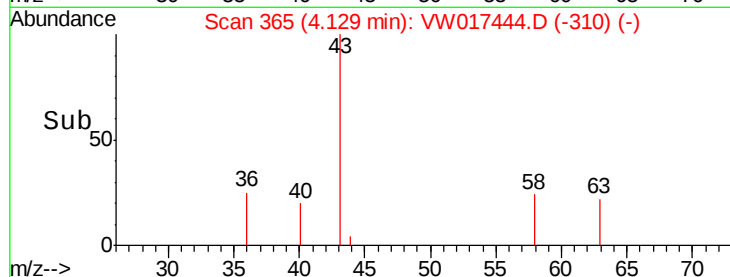
200

100

0

4.10 4.15 4.20

Time-->



#16

Methylene chloride

Concen: 2.389 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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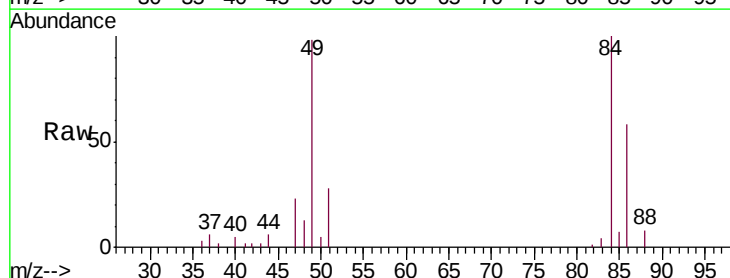
Tgt Ion: 84 Resp: 11672

Ion Ratio Lower Upper

84 100

49 98.1 71.5 132.9

86 57.6 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

4.91

5000

4000

3000

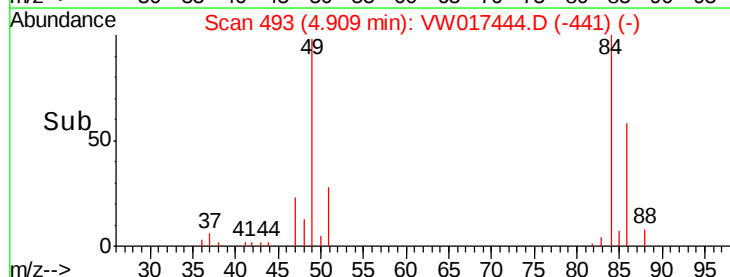
2000

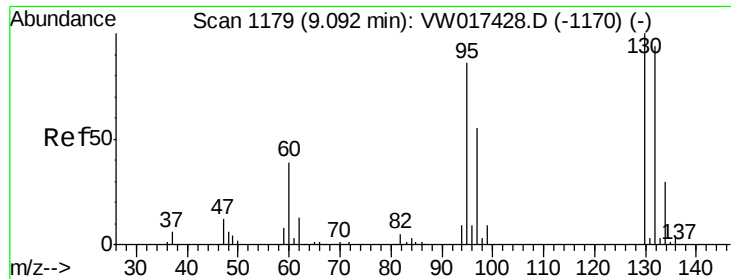
1000

0

4.80 4.90 5.00

Time-->





#35

Trichloroethene

Concen: 1.963 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Acq: 21 Nov 2020 02:33

Instrument :

MSVOA_W

ClientSampleId :

C0BC7

Tgt Ion: 95 Resp: 8776

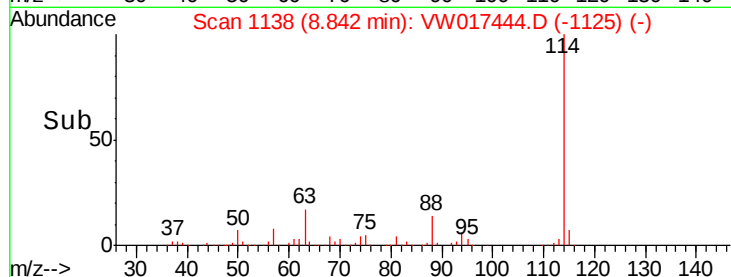
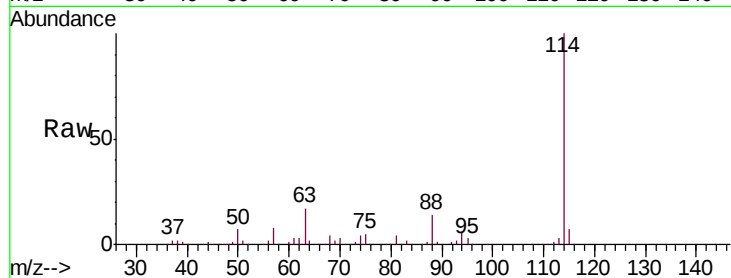
Ion Ratio Lower Upper

95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#

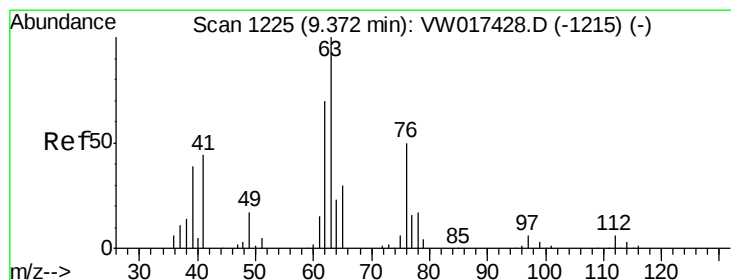
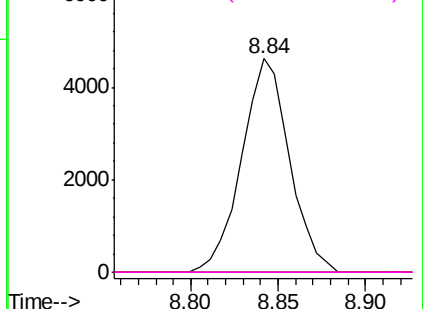


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.500 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW017444.D

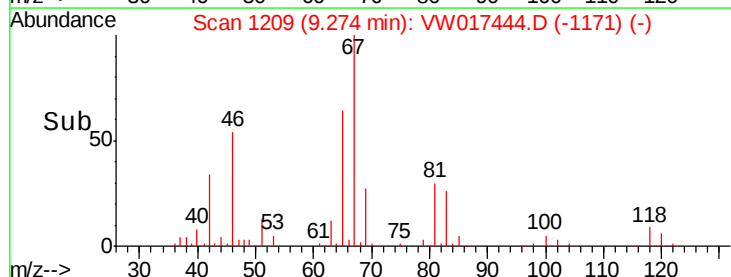
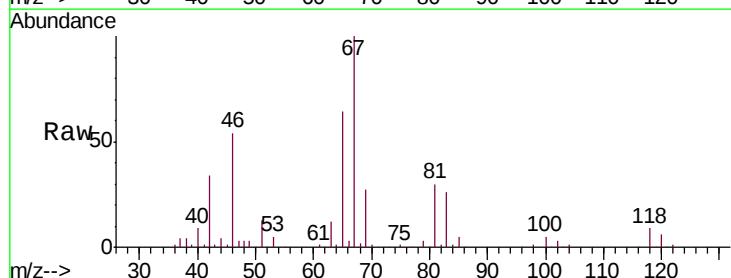
Acq: 21 Nov 2020 02:33

Tgt Ion: 63 Resp: 12510

Ion Ratio Lower Upper

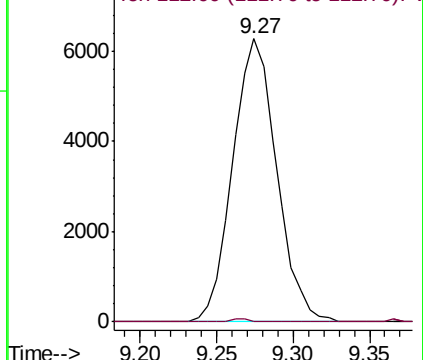
63 100

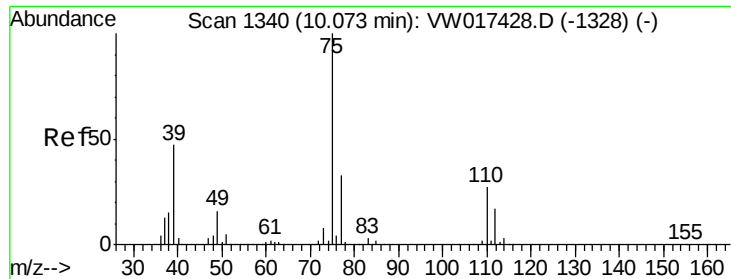
112 0.4 4.2 6.4#



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: 0.592 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017444.D

Acq: 21 Nov 2020 02:33

Instrument :

MSVOA_W

ClientSampleId :

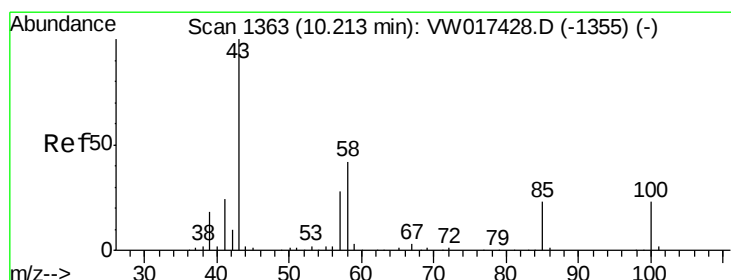
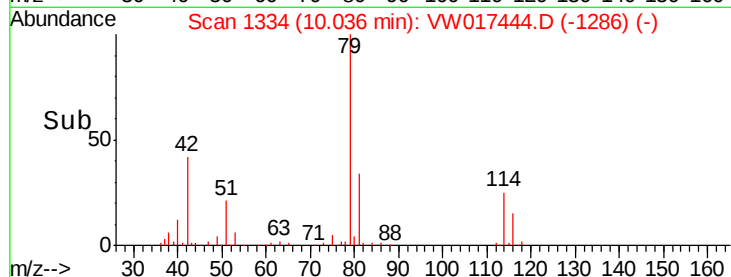
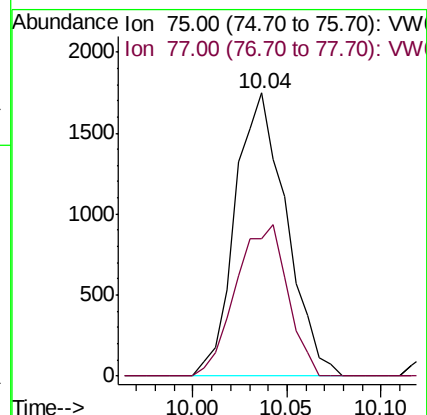
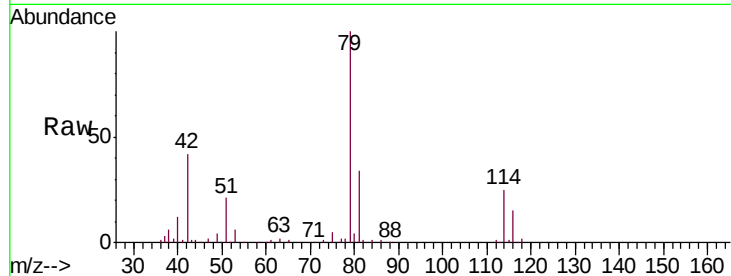
C0BC7

Tgt Ion: 75 Resp: 3285

Ion Ratio Lower Upper

75 100

77 48.5 21.8 40.4#



#43

4-Methyl-2-pentanone

Concen: 0.887 ug/L

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW017444.D

Acq: 21 Nov 2020 02:33

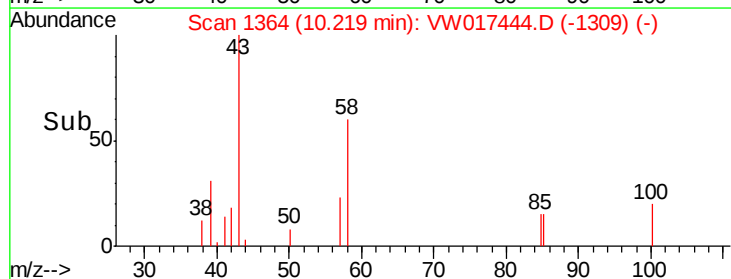
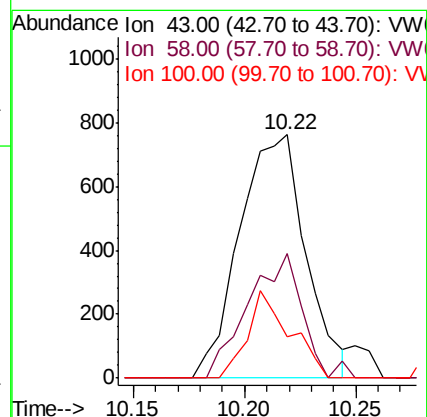
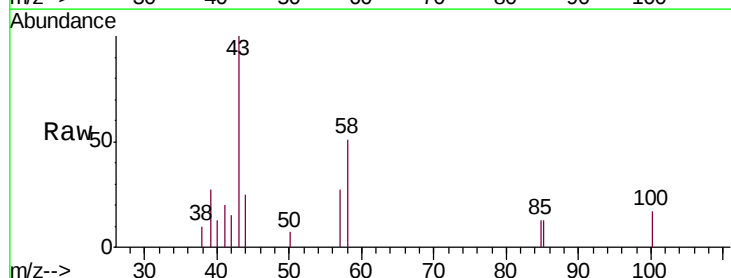
Tgt Ion: 43 Resp: 1574

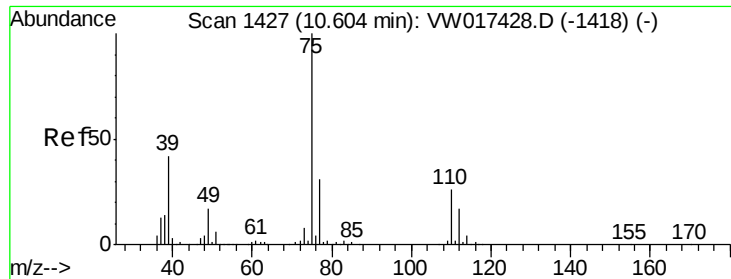
Ion Ratio Lower Upper

43 100

58 41.0 33.4 50.2

100 22.9 16.3 24.5





#45

trans-1,3-Dichloropropene

Concen: 0.470 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017444.D

Acq: 21 Nov 2020 02:33

Instrument :

MSVOA_W

ClientSampleId :

C0BC7

Tgt Ion: 75 Resp: 2209

Ion Ratio Lower Upper

75 100

77 53.9 22.0 40.8#

