

Data File : VW017411.D
Acq On : 20 Nov 2020 12:51
Operator : SY/VA
Sample : L4794-12RE
Misc : 5.08G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BD4

Quant Time: Nov 21 00:32:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 00:30:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	309733	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	290868	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	143940	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	101209	22.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.28%
7) Chloroethane-d5	2.89	69	82940	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.08%
10) 1,1-Dichloroethene-d2	4.02	63	131802	16.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.72%
20) 2-Butanone-d5	7.08	46	35703	47.41	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.82%
24) Chloroform-d	7.65	84	182668	22.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	8.31	65	94140	23.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.76%
29) Benzene-d6	8.27	84	357090	21.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.12%
33) 1,2-Dichloropropane-d6	9.27	67	100823	23.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.32%
37) Toluene-d8	10.32	98	339264	21.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.92%
38) trans-1,3-Dichloropropene-	10.58	79	41653	21.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.60%
39) 2-Hexanone-d5	10.93	63	27483	46.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	80584	24.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	122697	23.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.36%

Target Compounds

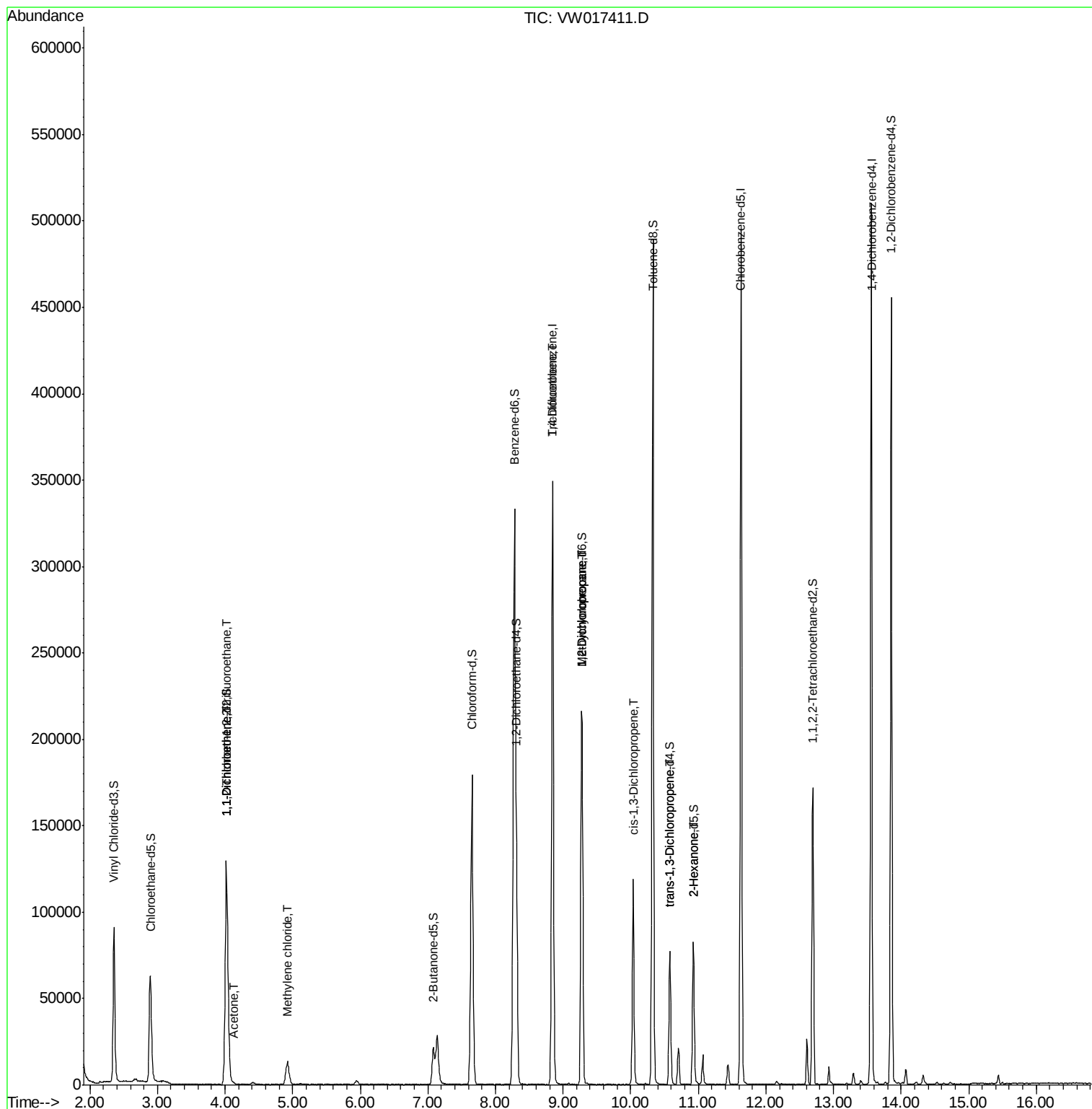
					Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1367	0.322 ug/L #	16
12) 1,1-Dichloroethene	4.02	96	1230	0.302 ug/L #	1
13) Acetone	4.13	43	883	1.607 ug/L	84
16) Methylene chloride	4.93	84	11750	2.218 ug/L	97
35) Trichloroethene	8.84	95	8920	1.919 ug/L #	2
36) Methylcyclohexane	9.28	83	26228	3.532 ug/L #	21
40) 1,2-Dichloropropane	9.28	63	11862	3.191 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	3191	0.553 ug/L	87
45) trans-1,3-Dichloropropene	10.58	75	2056	0.421 ug/L #	83
49) 2-Hexanone	10.93	43	3333	3.002 ug/L #	63

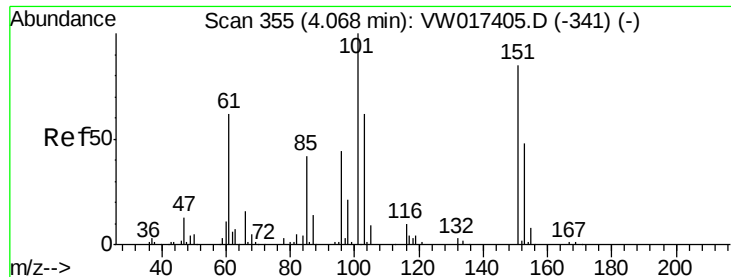
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.322 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

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Instrument :

MSVOA_W

ClientSampleId :

C0BD4

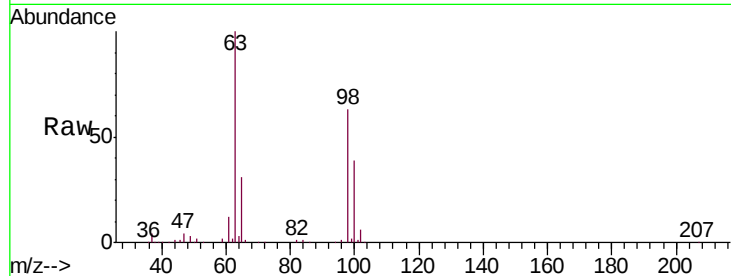
Tgt Ion: 101 Resp: 1367

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

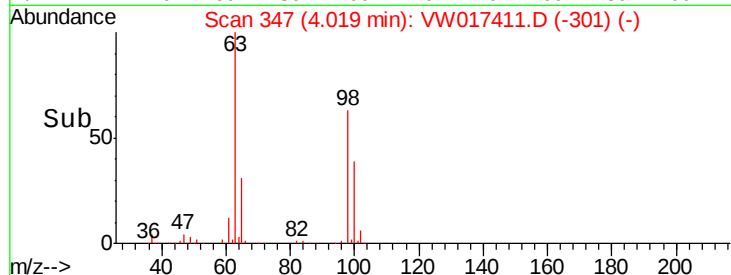
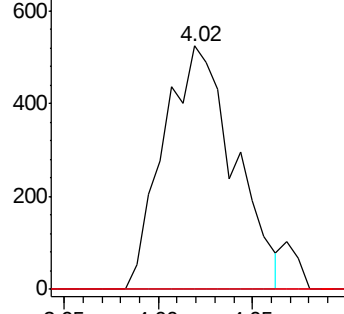
151 0.0 66.3 99.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.302 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.02 min

Lab File: VW017411.D

Acq: 20 Nov 2020 12:51

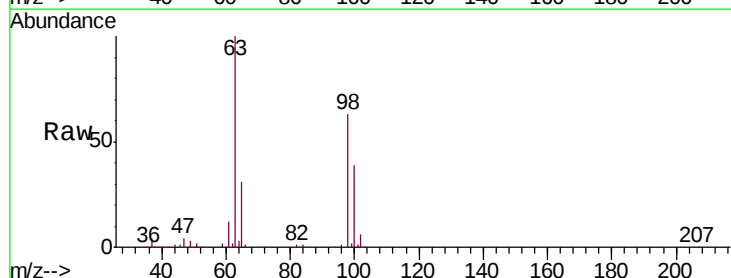
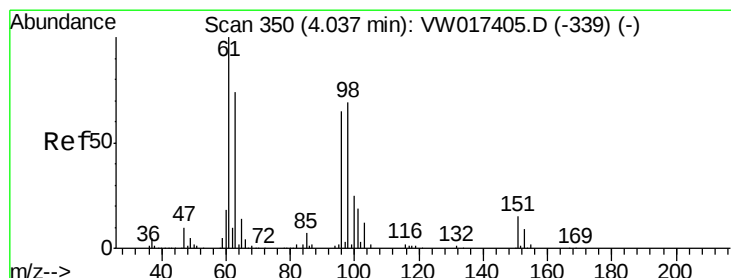
Tgt Ion: 96 Resp: 1230

Ion Ratio Lower Upper

96 100

61 1318.1 104.7 194.4#

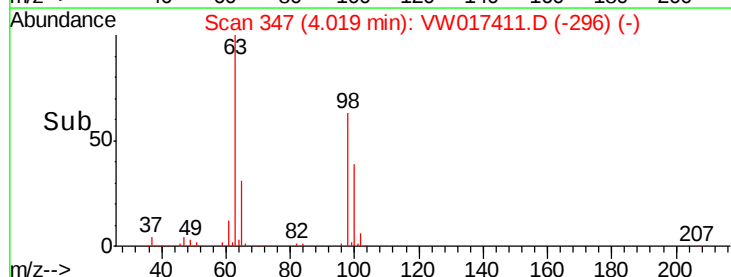
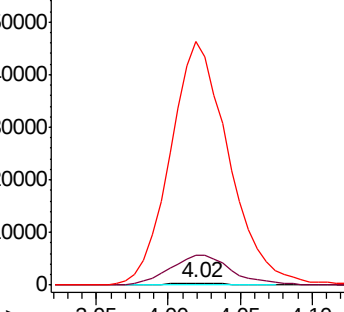
63 10590.4 69.6 129.2#

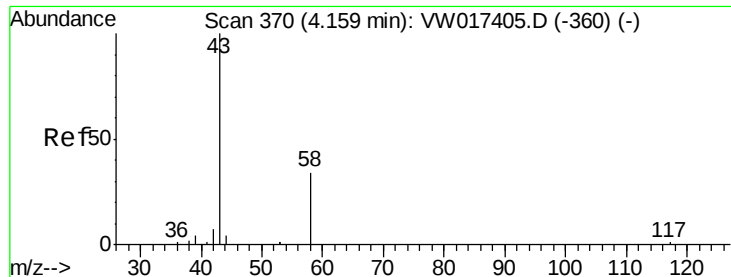


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 1.607 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.03 min

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Instrument :

MSVOA_W

ClientSampleId :

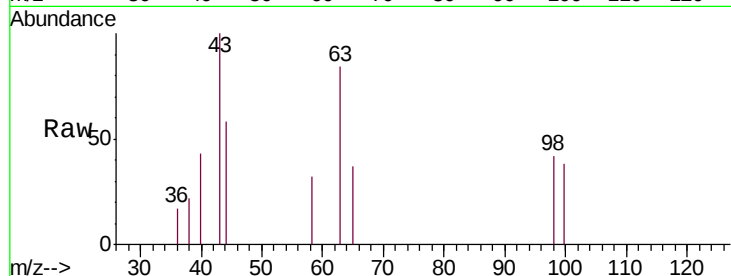
C0BD4

Tgt Ion: 43 Resp: 883

Ion Ratio Lower Upper

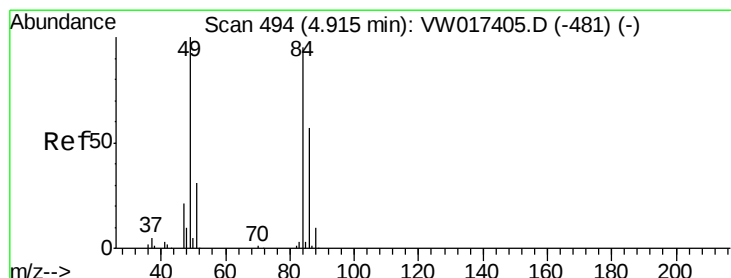
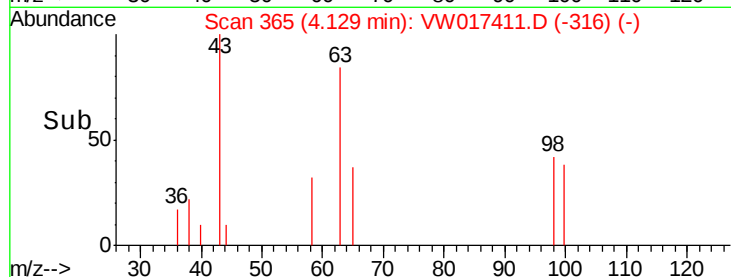
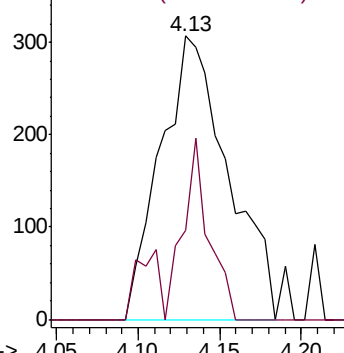
43 100

58 24.3 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: 2.218 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017411.D

Acq: 20 Nov 2020 12:51

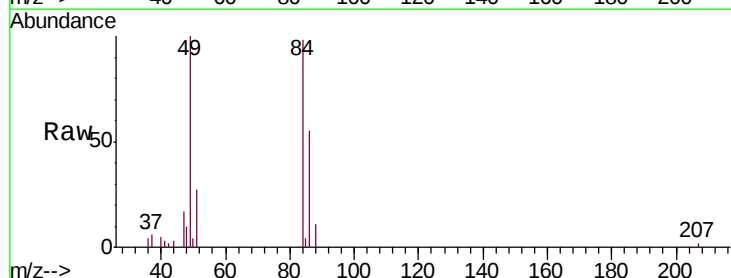
Tgt Ion: 84 Resp: 11750

Ion Ratio Lower Upper

84 100

49 101.9 71.5 132.9

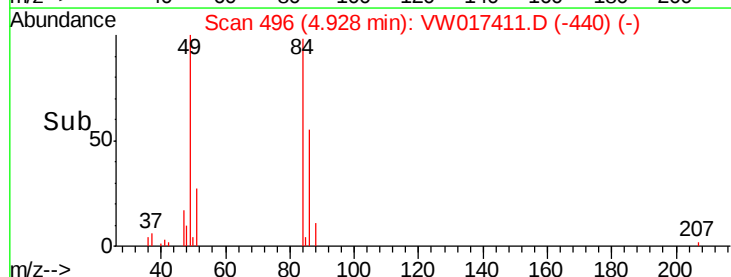
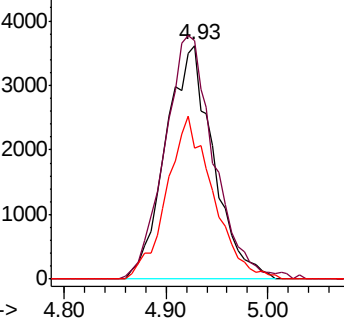
86 56.0 42.8 79.4

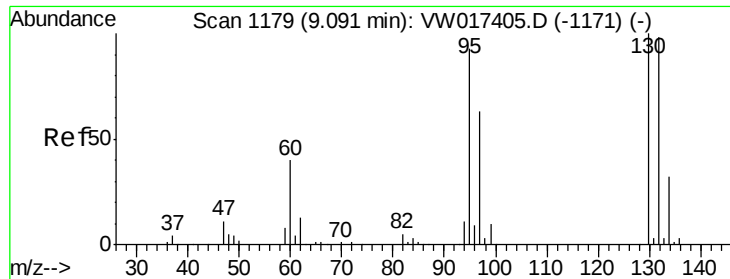


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 1.919 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017411.D

Acq: 20 Nov 2020 12:51

Instrument :

MSVOA_W

ClientSampleId :

C0BD4

Tgt Ion: 95 Resp: 8920

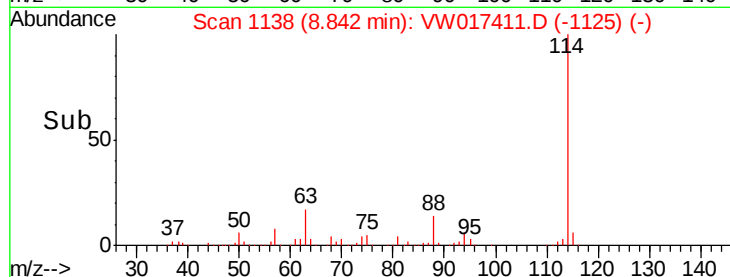
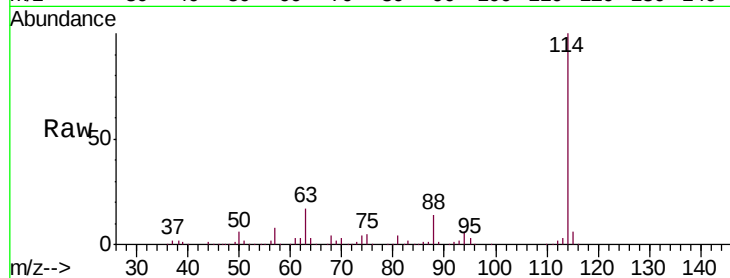
Ion Ratio Lower Upper

95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#

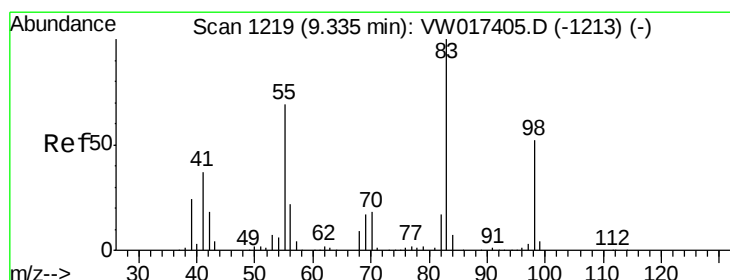
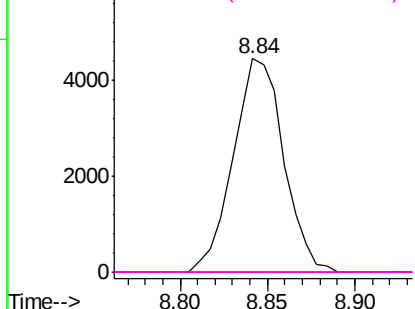


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#36

Methylcyclohexane

Concen: 3.532 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.05 min

Lab File: VW017411.D

Acq: 20 Nov 2020 12:51

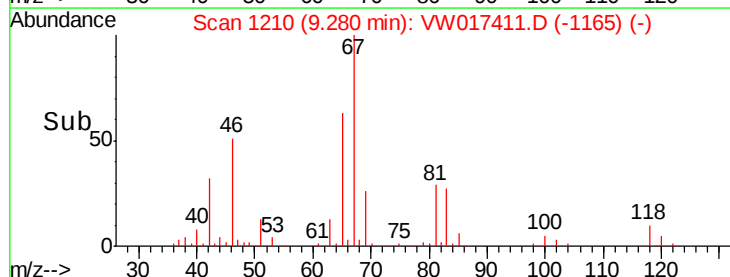
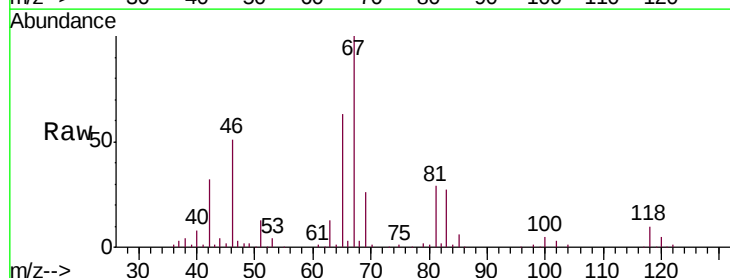
Tgt Ion: 83 Resp: 26228

Ion Ratio Lower Upper

83 100

55 0.5 54.6 81.8#

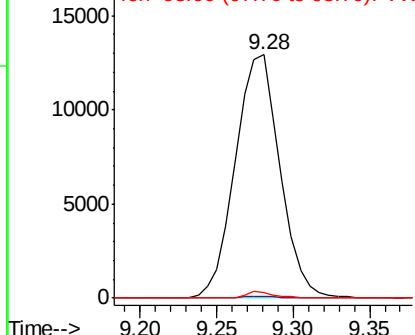
98 1.6 41.5 62.3#

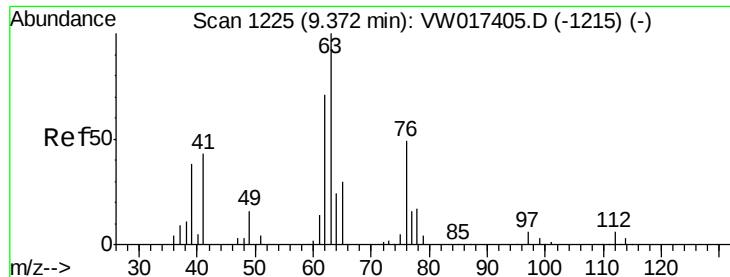


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

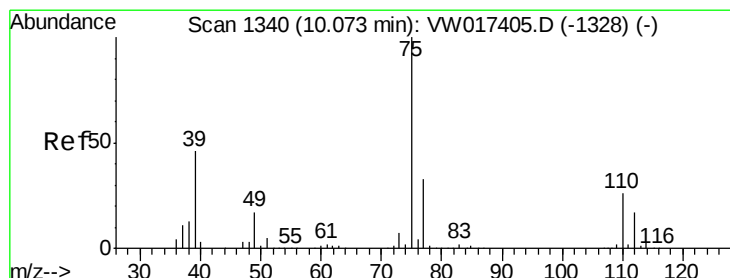
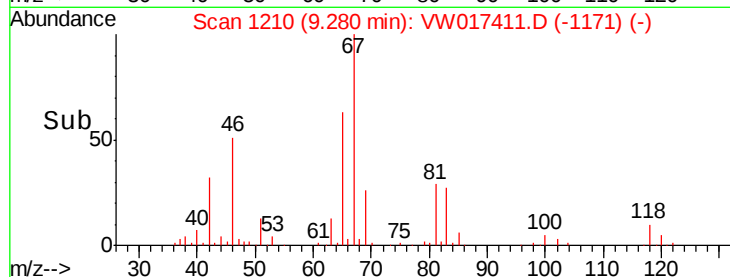
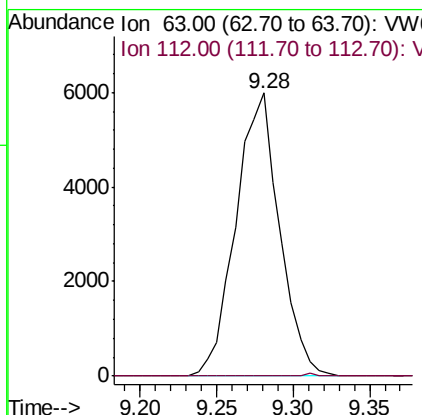
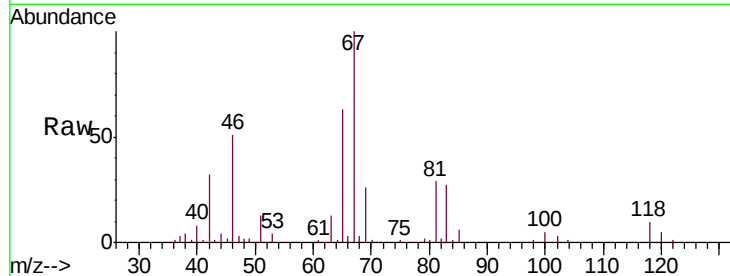




#40
 1,2-Dichloropropane
 Concen: 3.191 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW017411.D
 Acq: 20 Nov 2020 12:51

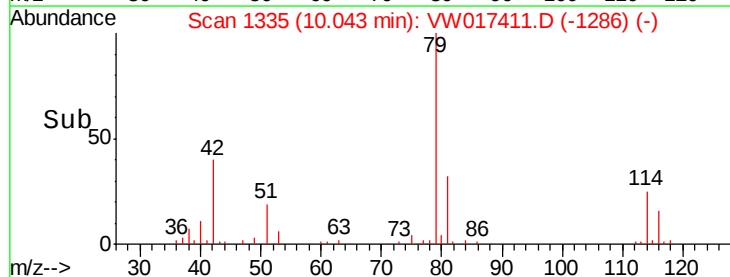
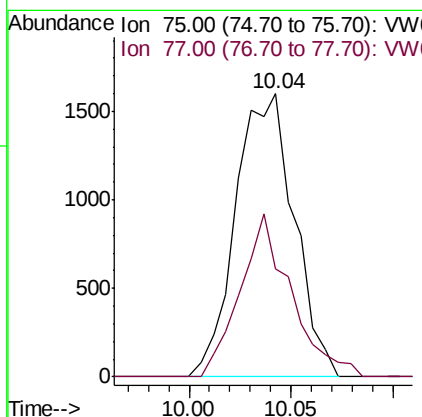
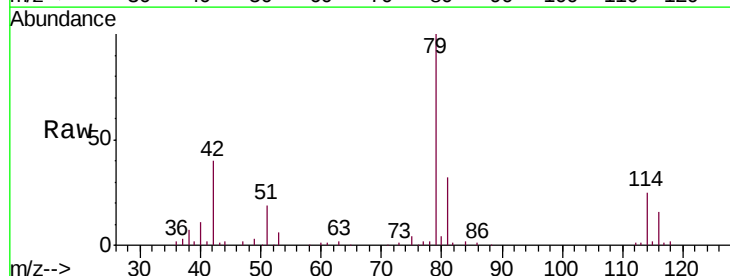
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 MSVOA_W
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 C0BD4

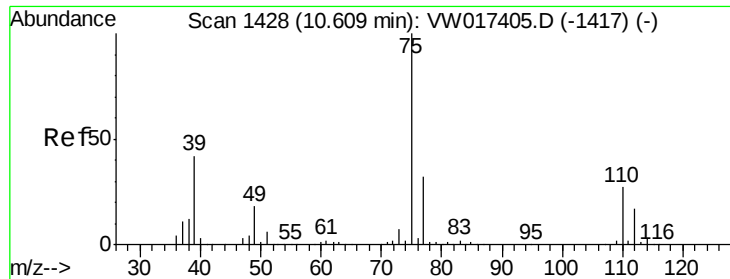
Tgt Ion: 63 Resp: 11862
 Ion Ratio Lower Upper
 63 100
 112 0.6 4.2 6.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.553 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW017411.D
 Acq: 20 Nov 2020 12:51

Tgt Ion: 75 Resp: 3191
 Ion Ratio Lower Upper
 75 100
 77 38.3 21.8 40.4





#45

trans-1,3-Dichloropropene

Concen: 0.421 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017411.D

Acq: 20 Nov 2020 12:51

Instrument :

MSVOA_W

ClientSampleId :

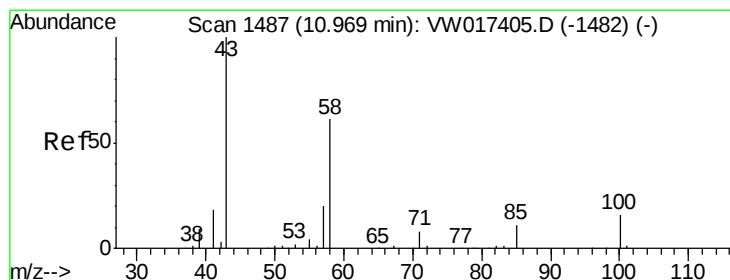
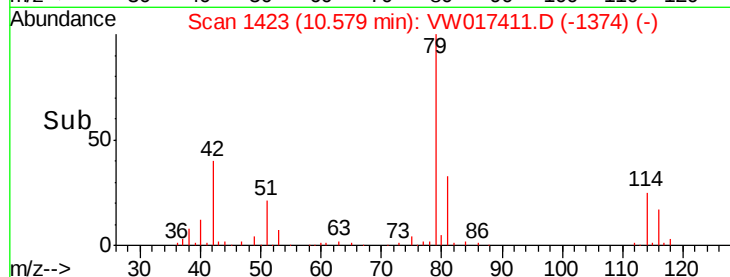
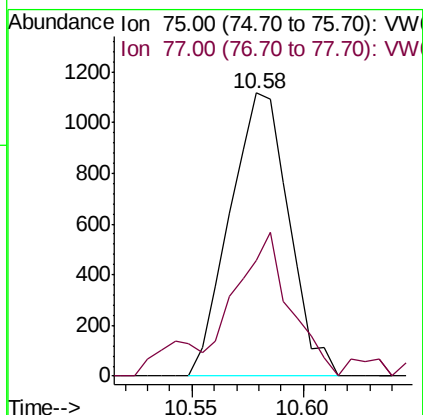
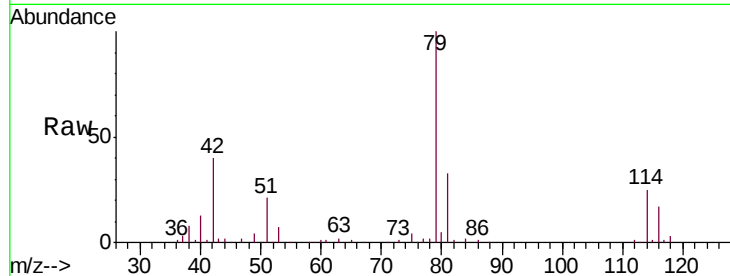
C0BD4

Tgt Ion: 75 Resp: 2056

Ion Ratio Lower Upper

75 100

77 40.9 22.0 40.8#



#49

2-Hexanone

Concen: 3.002 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017411.D

Acq: 20 Nov 2020 12:51

Tgt Ion: 43 Resp: 3333

Ion Ratio Lower Upper

43 100

58 31.0 49.4 74.0#

57 34.0 17.0 25.4#

100 0.8 13.1 19.7#

