

Data File : VW017436.D
Acq On : 20 Nov 2020 23:25
Operator : SY/VA
Sample : L4819-15
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BB3

Quant Time: Nov 21 02:29:09 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	246950	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	229280	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	109698	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	68100	18.63	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.52%
7) Chloroethane-d5	2.89	69	60003	20.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.64%
10) 1,1-Dichloroethene-d2	4.01	63	100741	15.75	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.00%
20) 2-Butanone-d5	7.07	46	35151	58.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.08%
24) Chloroform-d	7.65	84	151844	23.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.64%
26) 1,2-Dichloroethane-d4	8.30	65	84290	26.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.56%
29) Benzene-d6	8.27	84	294550	22.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.16%
33) 1,2-Dichloropropane-d6	9.27	67	84246	24.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.88%
37) Toluene-d8	10.32	98	279351	22.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.84%
38) trans-1,3-Dichloropropene-	10.58	79	34816	23.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.88%
39) 2-Hexanone-d5	10.93	63	27247	59.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	74566	28.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	100810	24.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.56%

Target Compounds

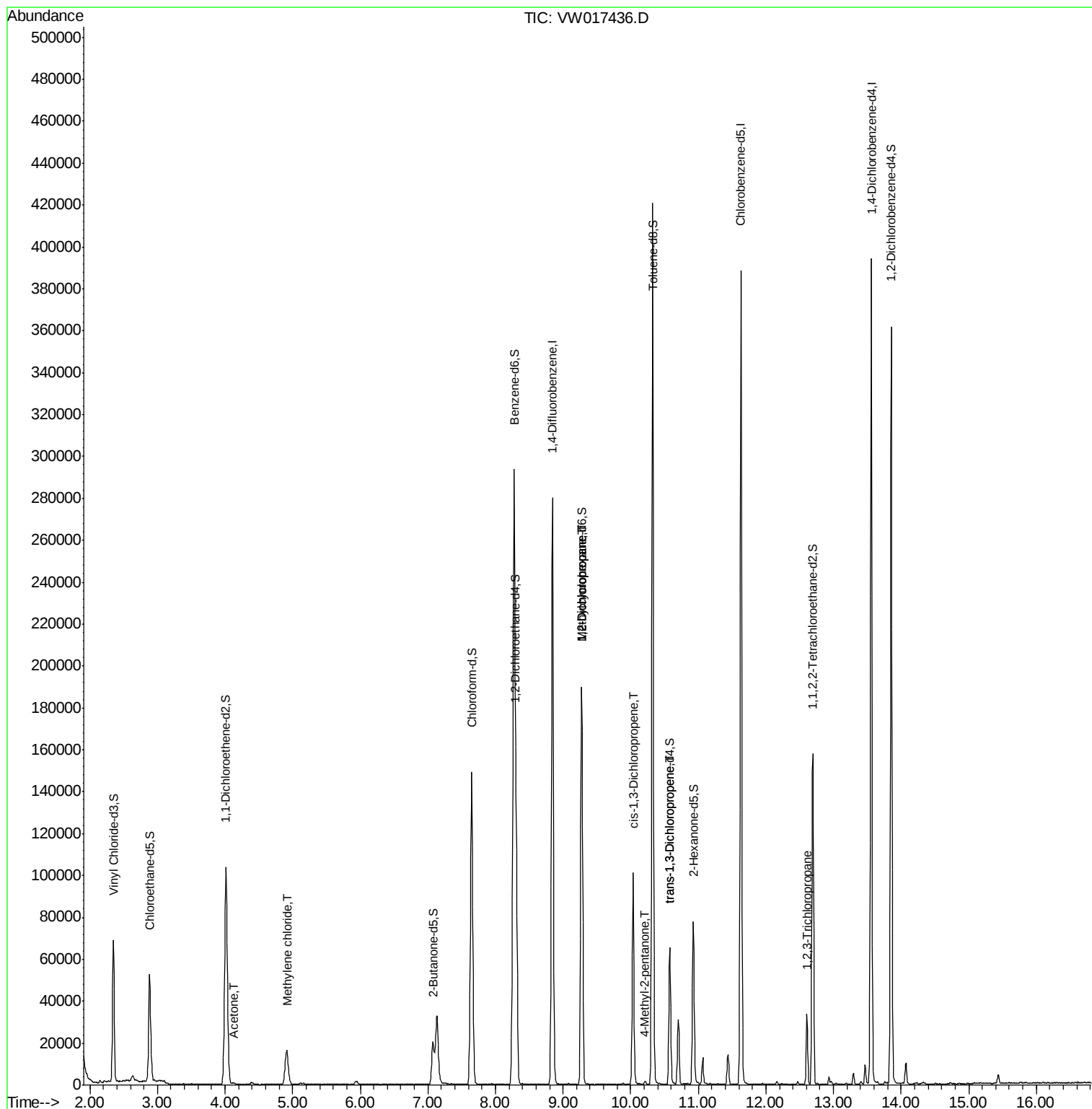
					Qvalue
13) Acetone	4.13	43	634	1.447 ug/L	95
16) Methylene chloride	4.92	84	13903	3.291 ug/L	96
36) Methylcyclohexane	9.27	83	22002	3.758 ug/L #	22
40) 1,2-Dichloropropane	9.27	63	10423	3.558 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	2924	0.643 ug/L #	65
43) 4-Methyl-2-pentanone	10.21	43	1123	0.772 ug/L	91
45) trans-1,3-Dichloropropene	10.58	75	1949	0.506 ug/L	97
59) 1,2,3-Trichloropropane	12.61	75	413	0.229 ug/L	90

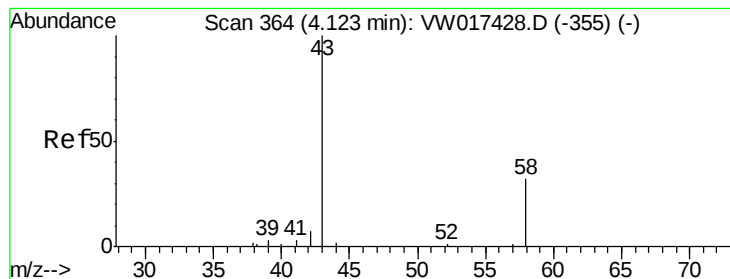
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.447 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW017436.D

Acq: 20 Nov 2020 23:25

Instrument :

MSVOA_W

ClientSampled :

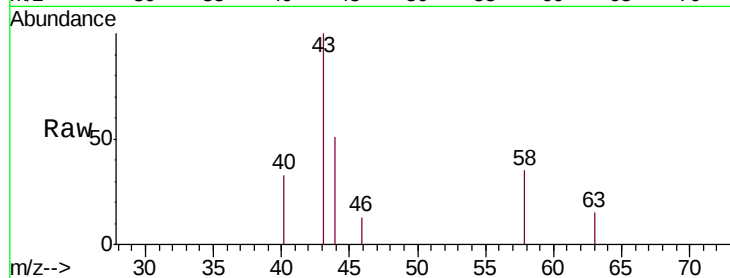
C0BB3

Tgt Ion: 43 Resp: 634

Ion Ratio Lower Upper

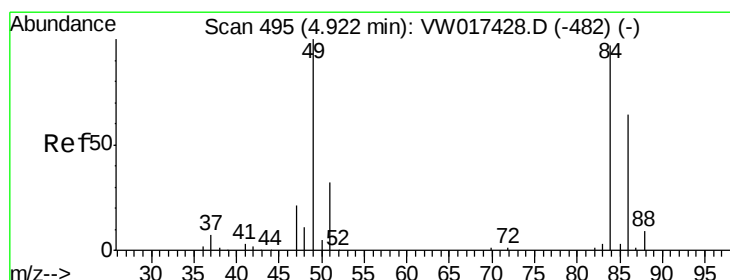
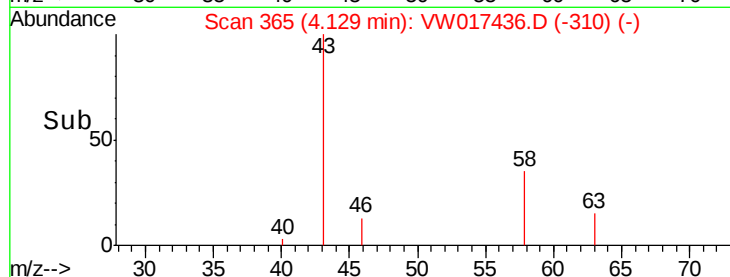
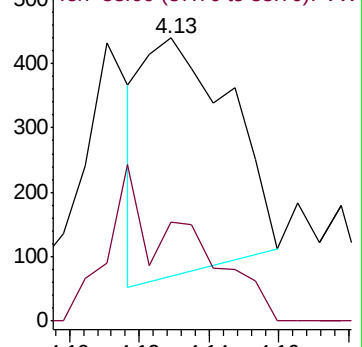
43 100

58 30.4 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: 3.291 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

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Acq: 20 Nov 2020 23:25

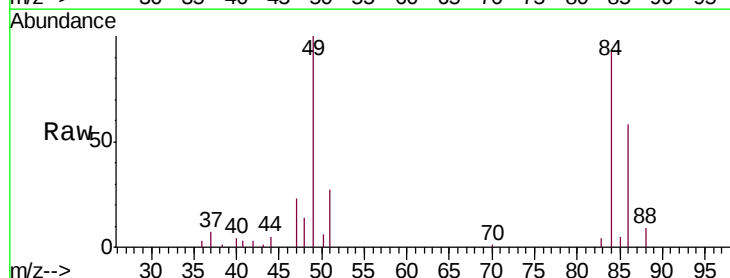
Tgt Ion: 84 Resp: 13903

Ion Ratio Lower Upper

84 100

49 107.0 71.5 132.9

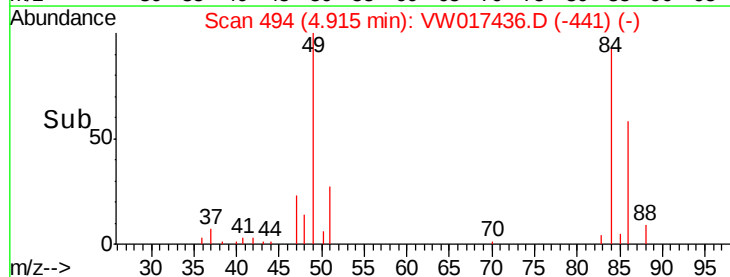
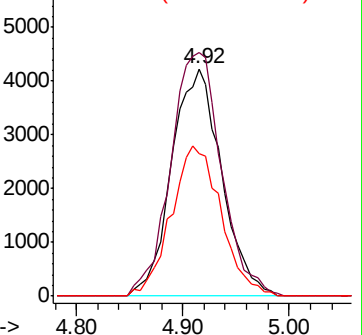
86 62.4 42.8 79.4

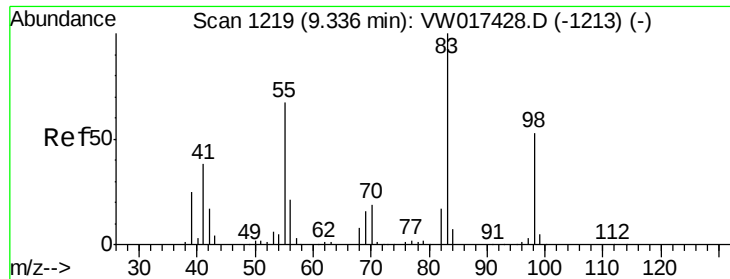


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

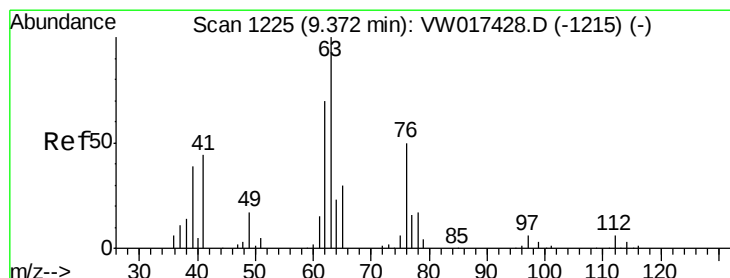
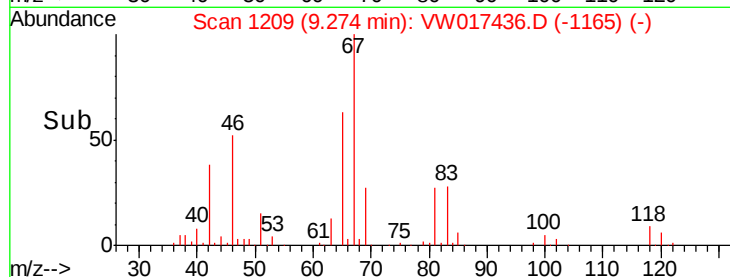
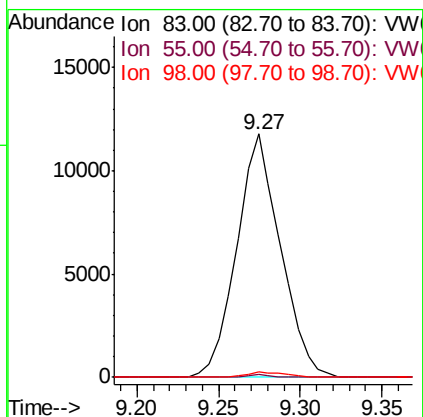
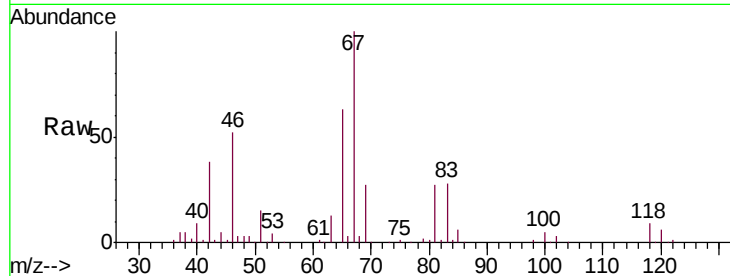




#36
Methylcyclohexane
Concen: 3.758 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW017436.D
Acq: 20 Nov 2020 23:25

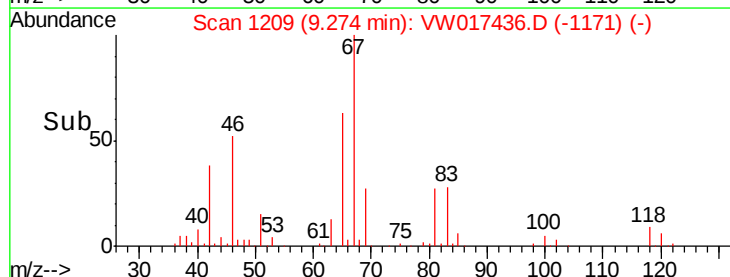
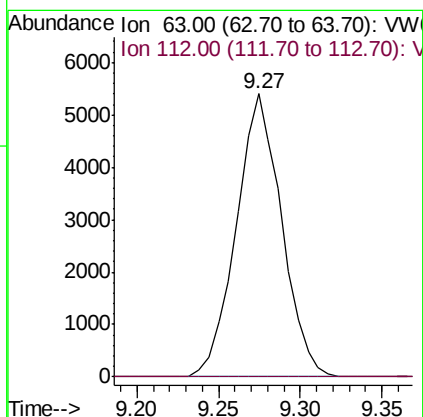
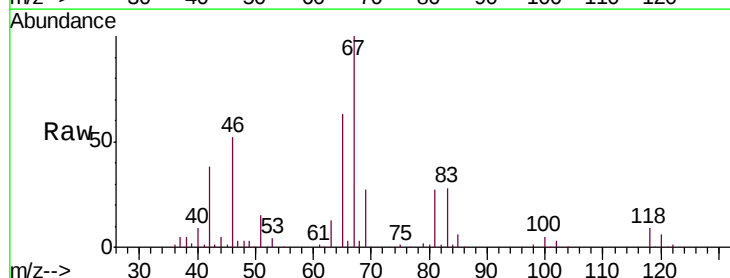
Instrument :
MSVOA_W
ClientSampleId :
C0BB3

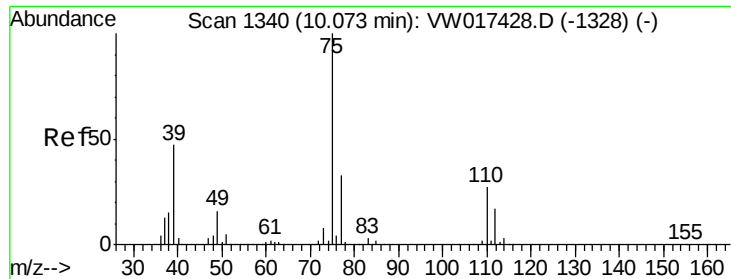
Tgt Ion: 83 Resp: 22002
Ion Ratio Lower Upper
83 100
55 0.5 54.6 81.8#
98 1.8 41.5 62.3#



#40
1,2-Dichloropropane
Concen: 3.558 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW017436.D
Acq: 20 Nov 2020 23:25

Tgt Ion: 63 Resp: 10423
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#





#42

cis-1,3-Dichloropropene

Concen: 0.643 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW017436.D

Acq: 20 Nov 2020 23:25

Instrument :

MSVOA_W

ClientSampled :

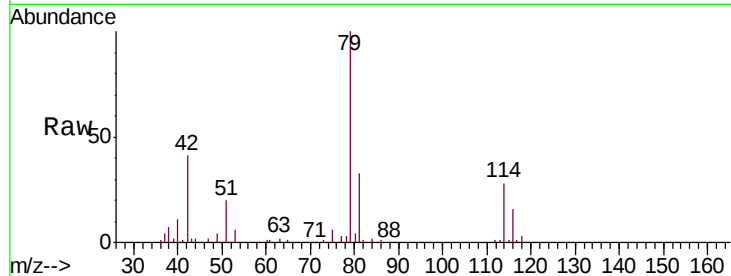
C0BB3

Tgt Ion: 75 Resp: 2924

Ion Ratio Lower Upper

75 100

77 50.4 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.04

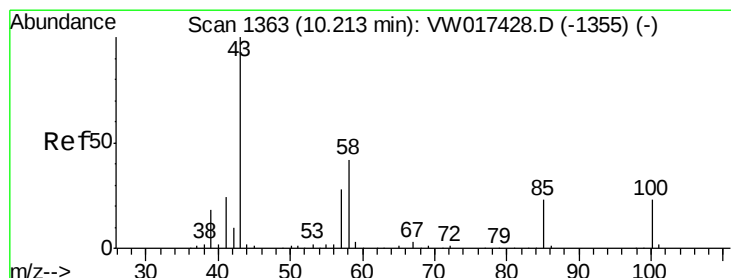
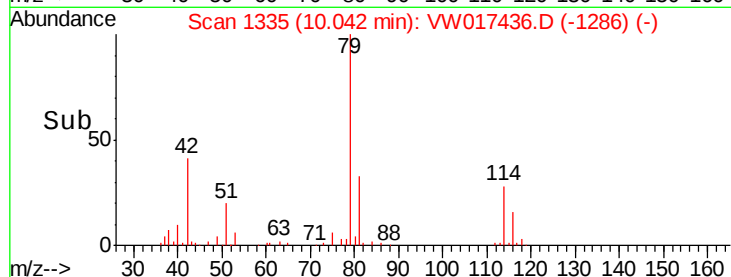
1500

1000

500

0

Time-->



#43

4-Methyl-2-pentanone

Concen: 0.772 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW017436.D

Acq: 20 Nov 2020 23:25

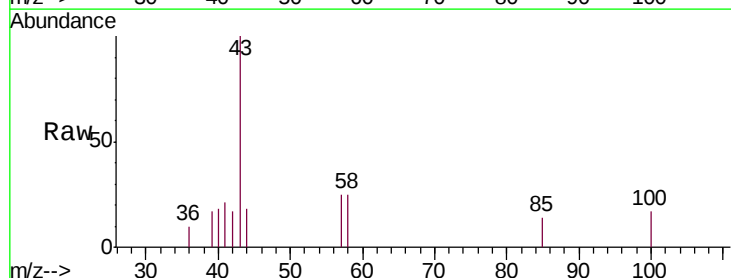
Tgt Ion: 43 Resp: 1123

Ion Ratio Lower Upper

43 100

58 35.4 33.4 50.2

100 16.7 16.3 24.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW

800

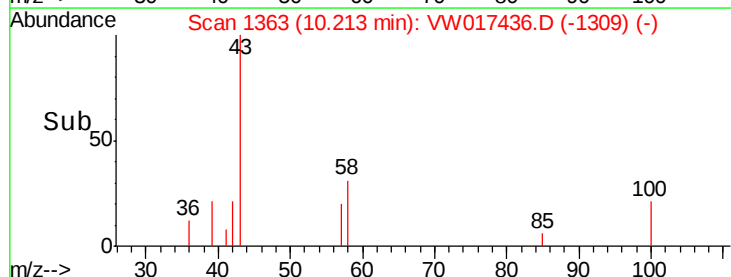
600

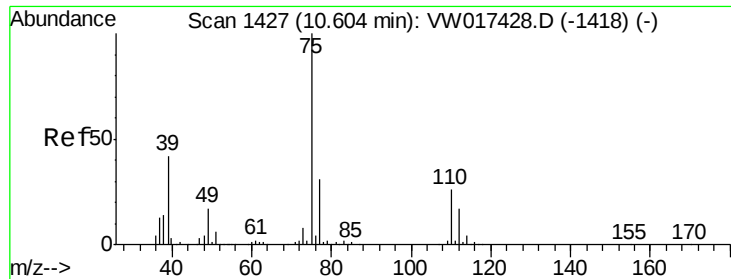
400

200

0

Time-->





#45

trans-1,3-Dichloropropene

Concen: 0.506 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017436.D

Acq: 20 Nov 2020 23:25

Instrument :

MSVOA_W

ClientSampled :

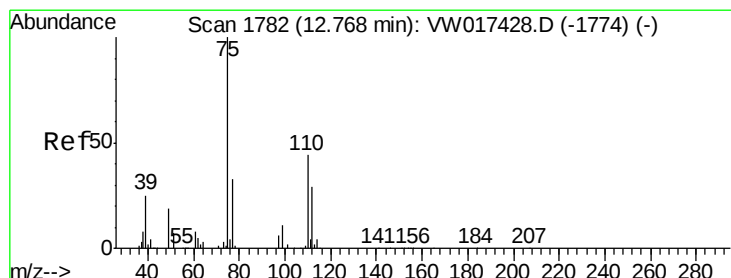
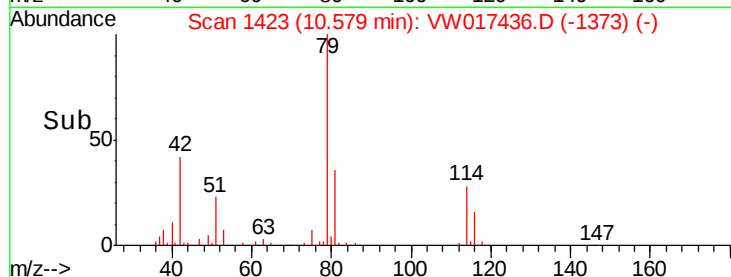
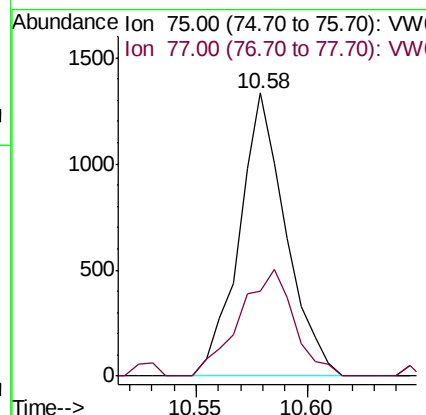
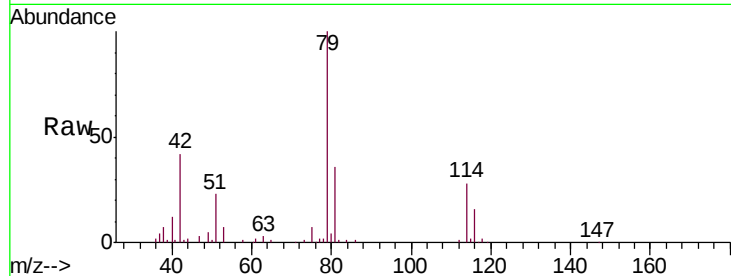
C0BB3

Tgt Ion: 75 Resp: 1949

Ion Ratio Lower Upper

75 100

77 29.8 22.0 40.8



#59

1,2,3-Trichloropropane

Concen: 0.229 ug/L

RT: 12.61 min Scan# 1756

Delta R.T. -0.16 min

Lab File: VW017436.D

Acq: 20 Nov 2020 23:25

Tgt Ion: 75 Resp: 413

Ion Ratio Lower Upper

75 100

77 39.2 26.6 40.0

