

Data File : VW017440.D
Acq On : 21 Nov 2020 00:59
Operator : SY/VA
Sample : L4819-19
Misc : 5.68G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BB8

Quant Time: Nov 21 02:29:44 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	110413	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	102504	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	42000	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	25135	15.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.52%
7) Chloroethane-d5	2.89	69	25477	19.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.48%
10) 1,1-Dichloroethene-d2	4.01	63	40511	14.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.68%
20) 2-Butanone-d5	7.08	46	15415	57.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.84%
24) Chloroform-d	7.65	84	70636	24.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	8.31	65	39927	28.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.96%
29) Benzene-d6	8.27	84	128176	22.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.72%
33) 1,2-Dichloropropane-d6	9.27	67	37797	24.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.20%
37) Toluene-d8	10.32	98	112760	20.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.92%
38) trans-1,3-Dichloropropene-	10.58	79	15315	22.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.40%
39) 2-Hexanone-d5	10.93	63	9837	47.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	32443	27.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	37695	24.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.24%

Target Compounds

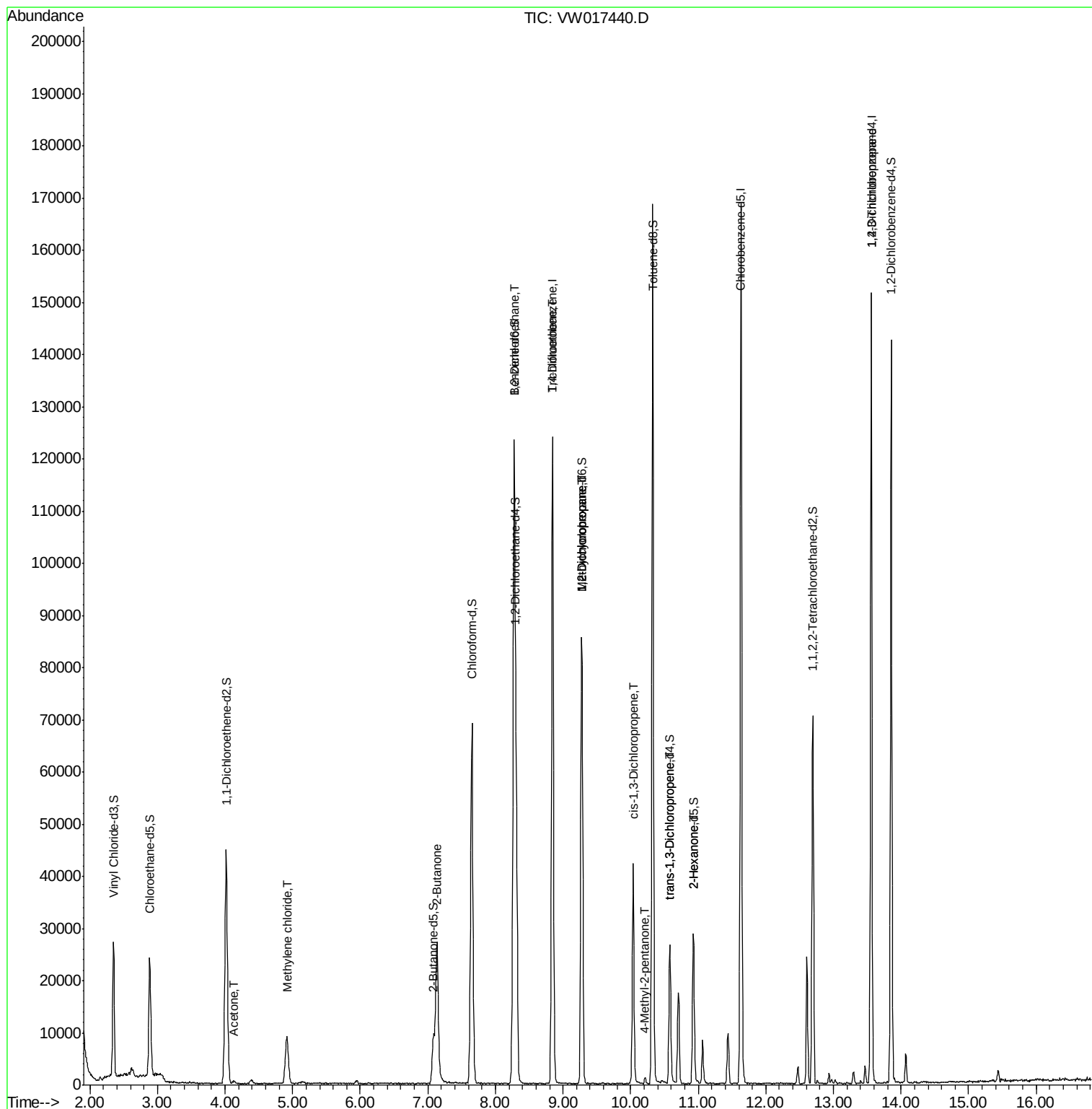
					Qvalue
13) Acetone	4.13	43	160	0.817 ug/L	86
16) Methylene chloride	4.92	84	7588	4.018 ug/L	93
21) 2-Butanone	7.12	43	559	1.862 ug/L	98
27) 1,2-Dichloroethane	8.28	62	745	0.483 ug/L #	74
35) Trichloroethene	8.85	95	3467	2.117 ug/L #	2
36) Methylcyclohexane	9.27	83	10195	3.895 ug/L #	21
40) 1,2-Dichloropropane	9.27	63	4334	3.309 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	1381	0.679 ug/L #	68
43) 4-Methyl-2-pentanone	10.21	43	751	1.155 ug/L #	76
45) trans-1,3-Dichloropropene	10.57	75	840	0.488 ug/L	98
49) 2-Hexanone	10.93	43	1403	3.586 ug/L #	48
59) 1,2,3-Trichloropropane	13.56	75	4834	5.989 ug/L	98

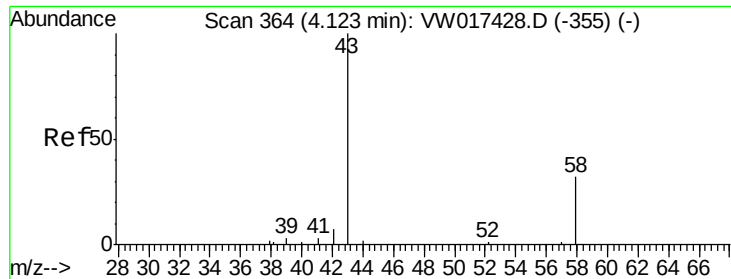
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW017440.D
Acq On : 21 Nov 2020 00:59
Operator : SY/VA
Sample : L4819-19
Misc : 5.68G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BB8

Quant Time: Nov 21 02:29:44 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

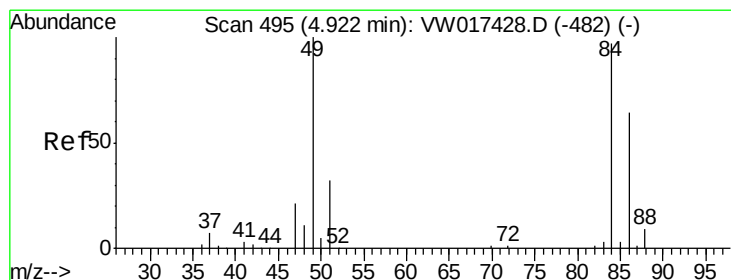
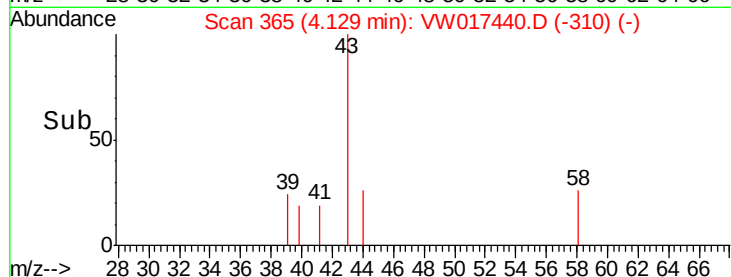
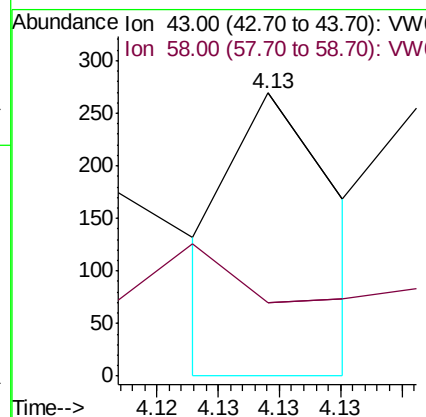
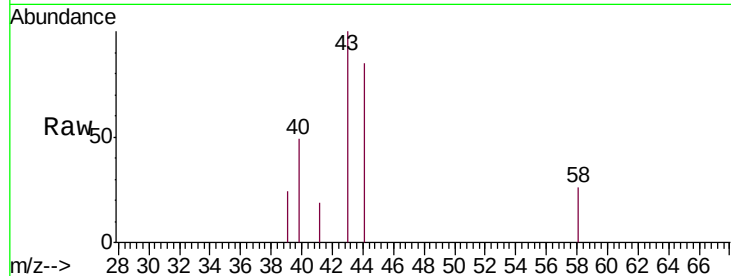




#13
Acetone
Concen: 0.817 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW017440.D
Acq: 21 Nov 2020 00:59

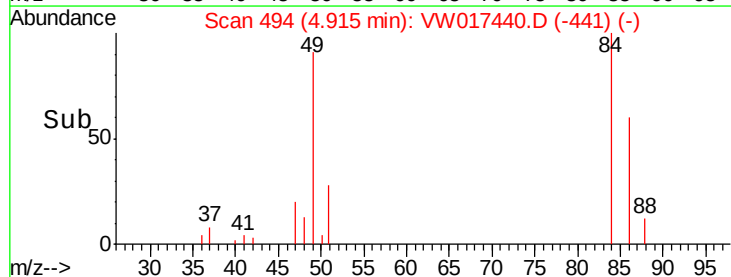
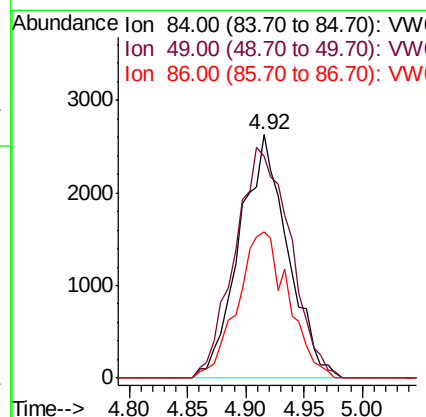
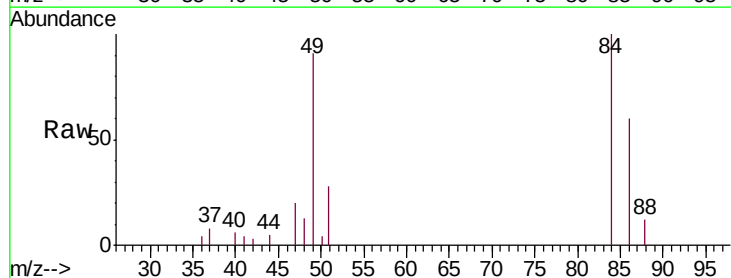
Instrument :
MSVOA_W
ClientSampled :
C0BB8

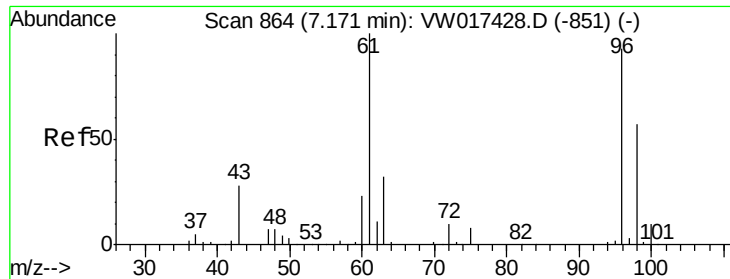
Tgt Ion: 43 Resp: 160
Ion Ratio Lower Upper
43 100
58 25.6 0.0 67.0



#16
Methylene chloride
Concen: 4.018 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW017440.D
Acq: 21 Nov 2020 00:59

Tgt Ion: 84 Resp: 7588
Ion Ratio Lower Upper
84 100
49 91.3 71.5 132.9
86 60.1 42.8 79.4





#21

2-Butanone

Concen: 1.862 ug/L

RT: 7.12 min Scan# 856

Delta R.T. -0.05 min

Lab File: VW017440.D

Acq: 21 Nov 2020 00:59

Instrument :

MSVOA_W

ClientSampled :

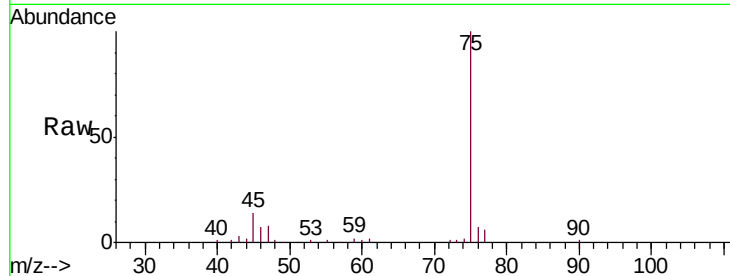
C0BB8

Tgt Ion: 43 Resp: 559

Ion Ratio Lower Upper

43 100

72 31.5 16.4 49.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

600

500

400

300

200

100

0

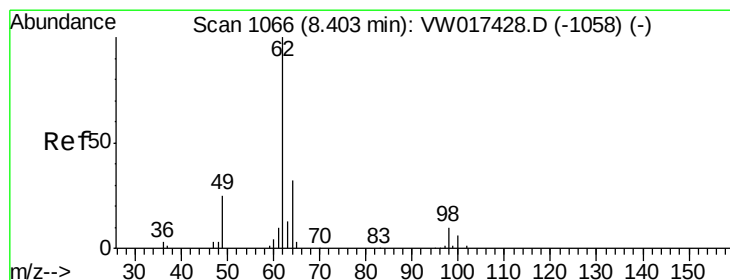
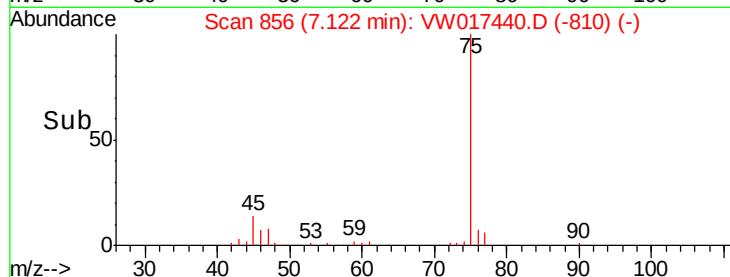
7.08

7.10

7.12

7.14

Time-->



#27

1,2-Dichloroethane

Concen: 0.483 ug/L

RT: 8.28 min Scan# 1046

Delta R.T. -0.12 min

Lab File: VW017440.D

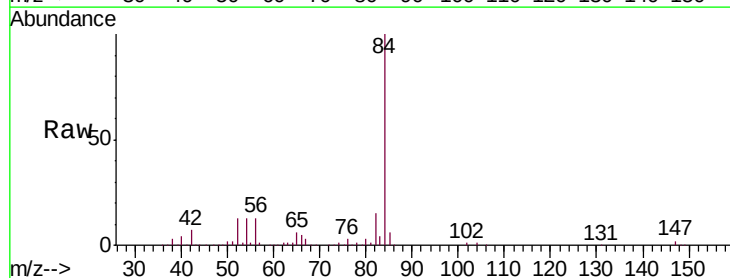
Acq: 21 Nov 2020 00:59

Tgt Ion: 62 Resp: 745

Ion Ratio Lower Upper

62 100

98 0.0 7.7 11.5#



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW

400

300

200

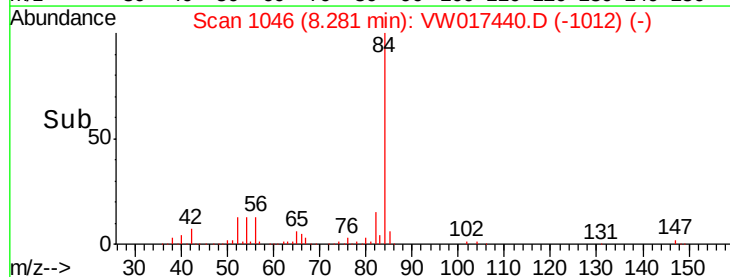
100

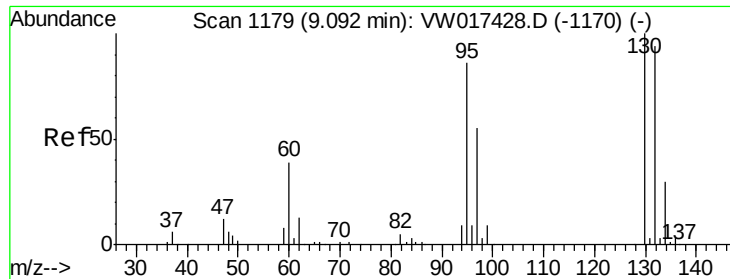
0

8.25

8.30

Time-->





#35

Trichloroethene

Concen: 2.117 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW017440.D

Acq: 21 Nov 2020 00:59

Instrument :

MSVOA_W

ClientSampleId :

C0BB8

Tgt Ion: 95 Resp: 3467

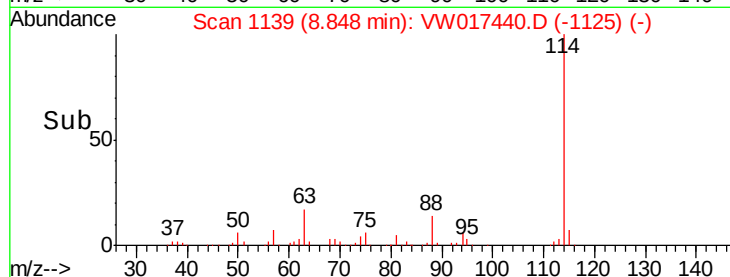
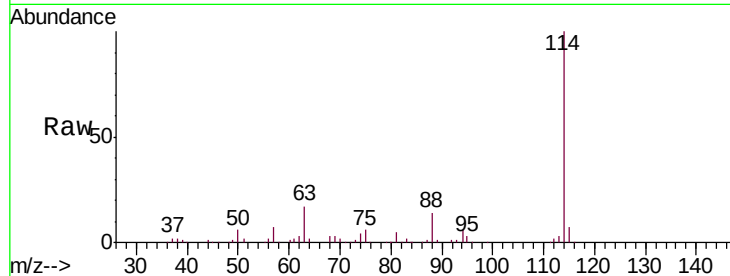
Ion Ratio Lower Upper

95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#

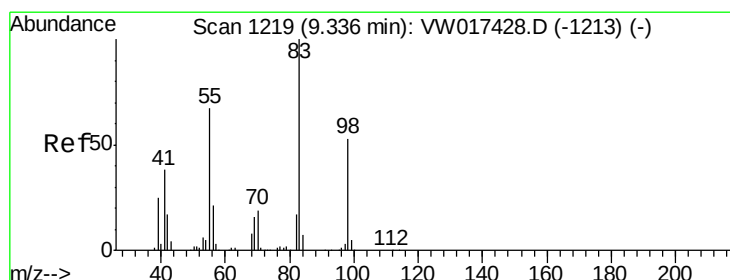
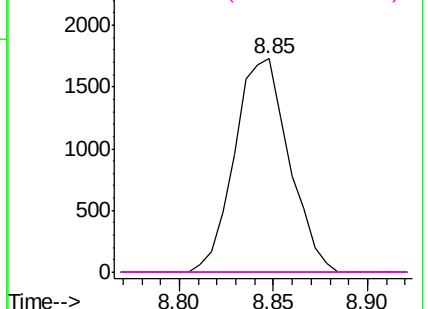


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 3.895 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW017440.D

Acq: 21 Nov 2020 00:59

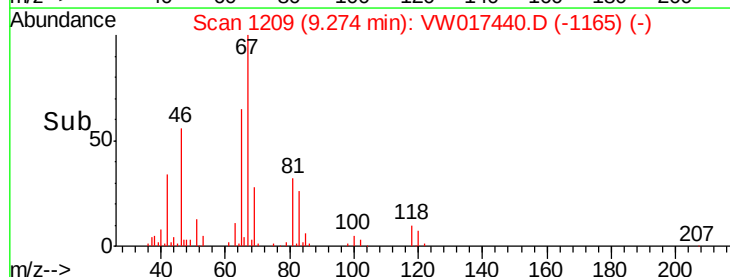
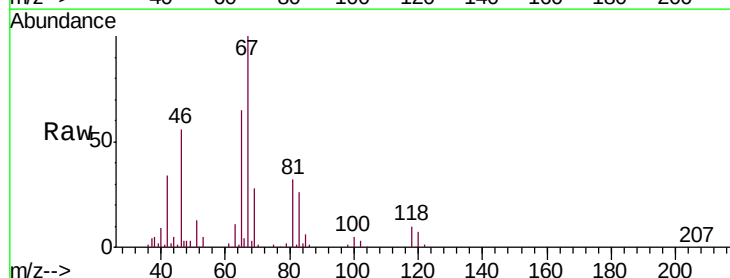
Tgt Ion: 83 Resp: 10195

Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

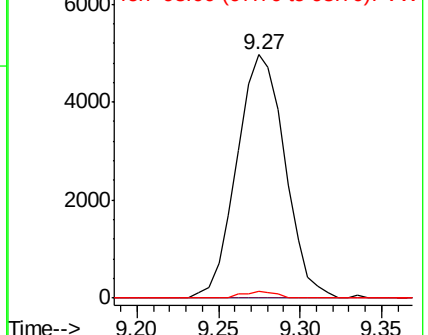
98 1.8 41.5 62.3#

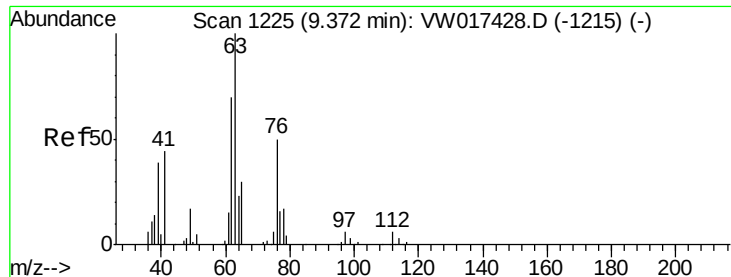


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

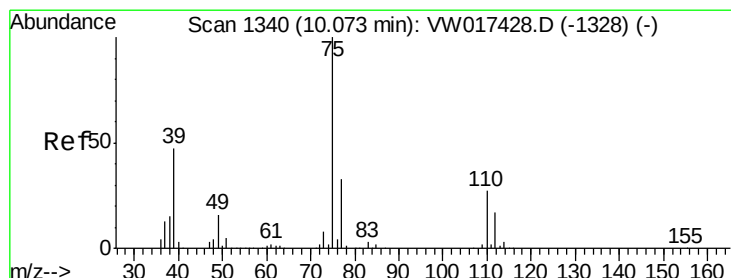
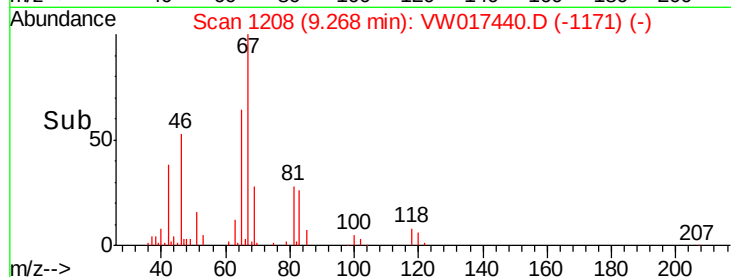
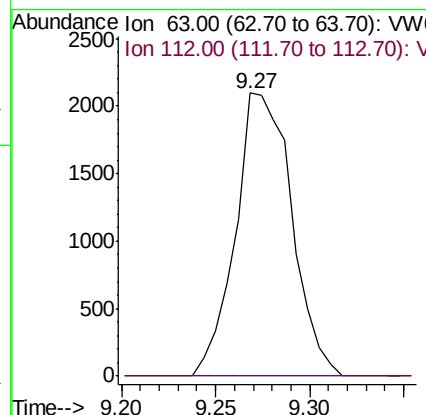
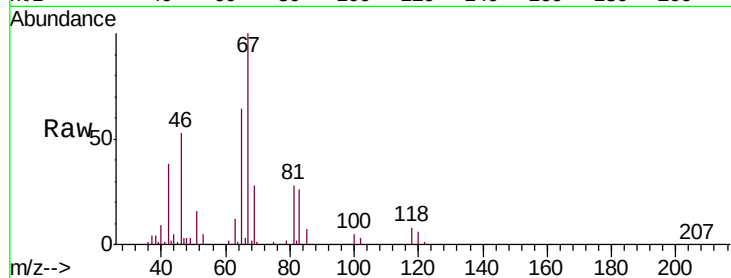




#40
 1,2-Dichloropropane
 Concen: 3.309 ug/L
 RT: 9.27 min Scan# 1208
 Delta R.T. -0.10 min
 Lab File: VW017440.D
 Acq: 21 Nov 2020 00:59

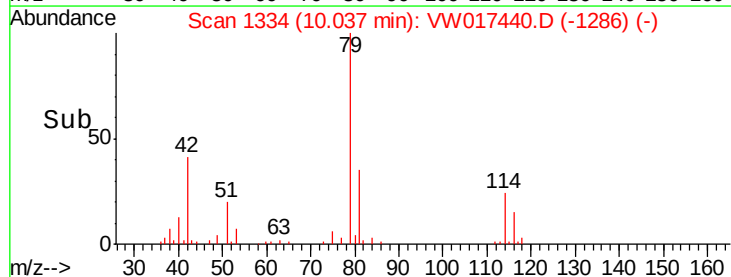
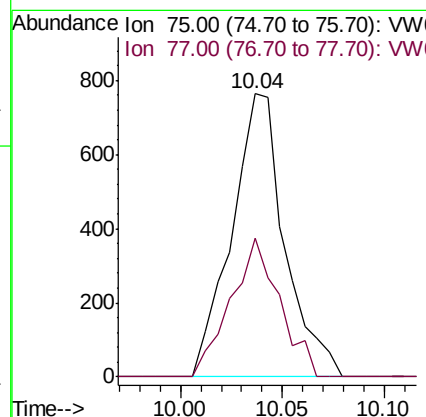
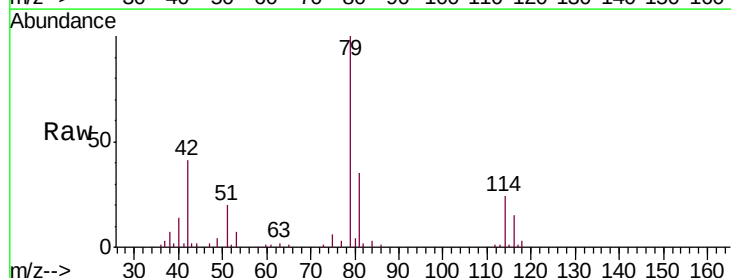
Instrument :
 MSVOA_W
 ClientSampleId :
 C0BB8

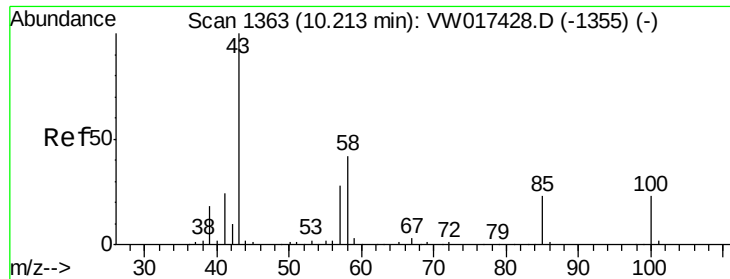
Tgt Ion: 63 Resp: 4334
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.679 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017440.D
 Acq: 21 Nov 2020 00:59

Tgt Ion: 75 Resp: 1381
 Ion Ratio Lower Upper
 75 100
 77 48.8 21.8 40.4#

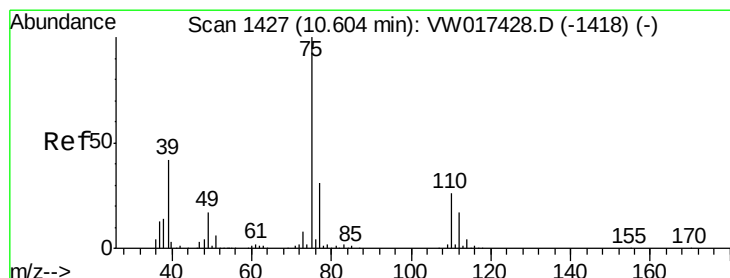
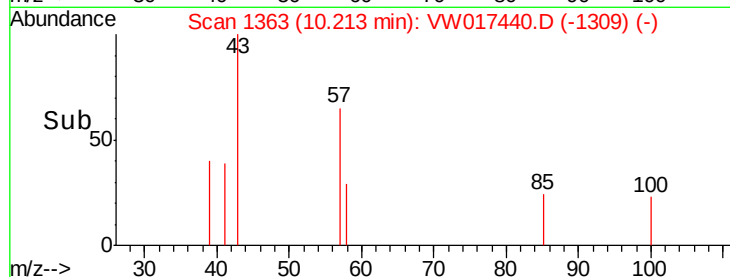
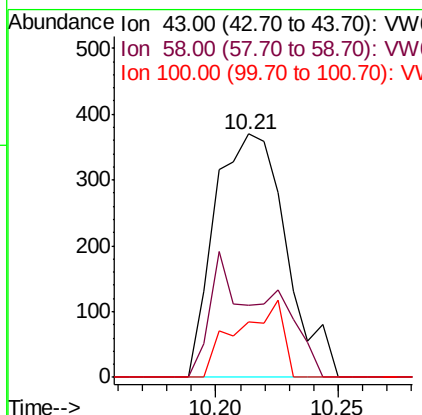
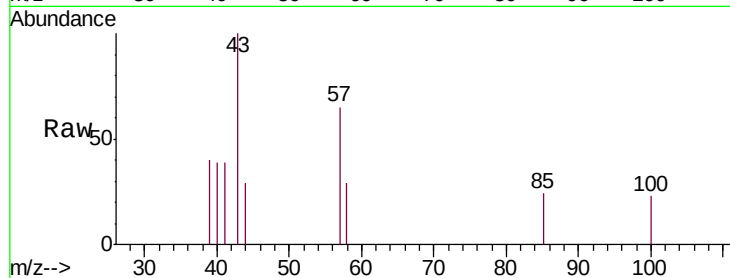




#43
4-Methyl-2-pentanone
Concen: 1.155 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW017440.D
Acq: 21 Nov 2020 00:59

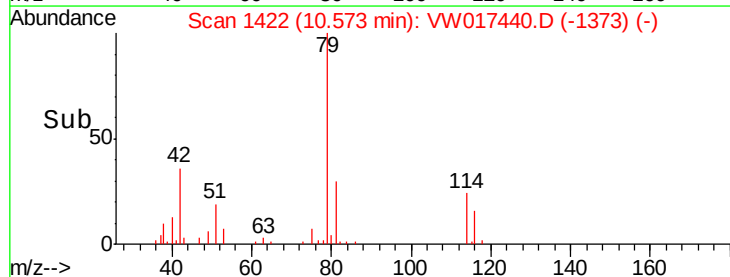
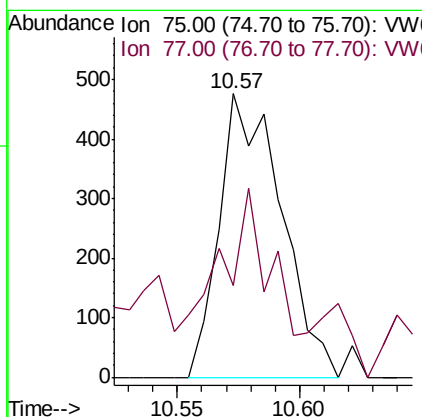
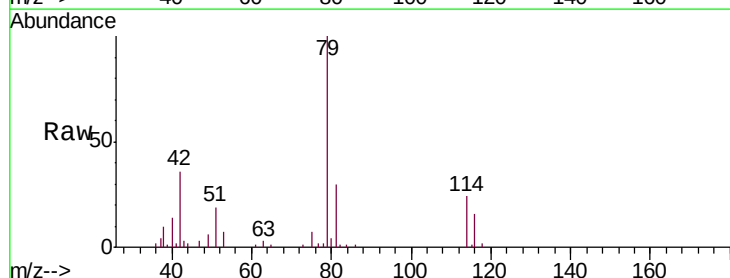
Instrument :
MSVOA_W
ClientSampled :
C0BB8

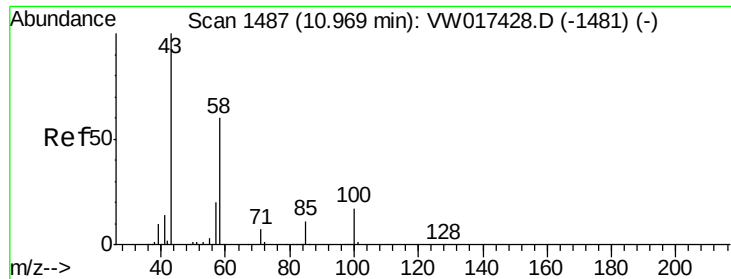
Tgt Ion: 43 Resp: 751
Ion Ratio Lower Upper
43 100
58 18.9 33.4 50.2#
100 20.4 16.3 24.5



#45
trans-1,3-Dichloropropene
Concen: 0.488 ug/L
RT: 10.57 min Scan# 1422
Delta R.T. -0.03 min
Lab File: VW017440.D
Acq: 21 Nov 2020 00:59

Tgt Ion: 75 Resp: 840
Ion Ratio Lower Upper
75 100
77 32.4 22.0 40.8

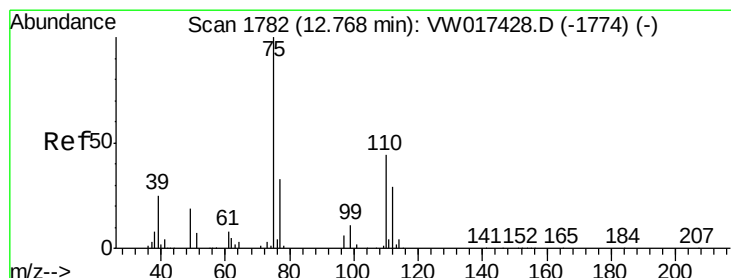
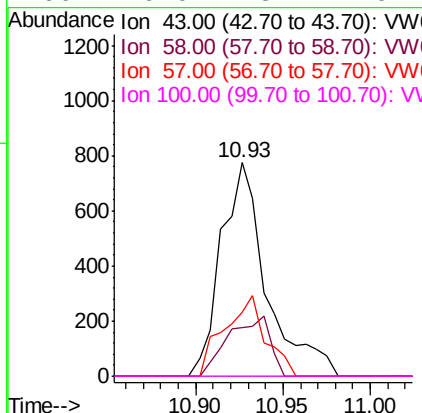
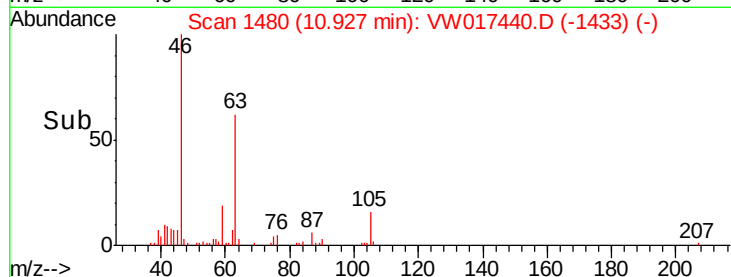
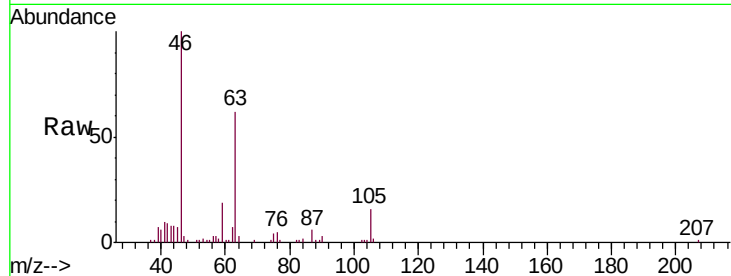




#49
2-Hexanone
Concen: 3.586 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW017440.D
Acq: 21 Nov 2020 00:59

Instrument :
MSVOA_W
ClientSampleId :
C0BB8

Tgt Ion: 43 Resp: 1403
Ion Ratio Lower Upper
43 100
58 12.6 49.4 74.0#
57 34.5 17.0 25.4#
100 0.0 13.1 19.7#



#59
1,2,3-Trichloropropane
Concen: 5.989 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW017440.D
Acq: 21 Nov 2020 00:59

Tgt Ion: 75 Resp: 4834
Ion Ratio Lower Upper
75 100
77 34.2 26.6 40.0

