

Data File : VW017437.D
Acq On : 20 Nov 2020 23:48
Operator : SY/VA
Sample : L4819-16
Misc : 5.88G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BB4

Quant Time: Nov 21 02:29:17 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	246375	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	237537	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	112488	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	58125	15.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.76%
7) Chloroethane-d5	2.89	69	55016	18.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.96%
10) 1,1-Dichloroethene-d2	4.01	63	88286	13.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.36%
20) 2-Butanone-d5	7.08	46	35953	60.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.04%
24) Chloroform-d	7.65	84	148509	22.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.76%
26) 1,2-Dichloroethane-d4	8.31	65	85144	27.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.92%
29) Benzene-d6	8.27	84	278538	20.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.20%
33) 1,2-Dichloropropane-d6	9.27	67	82524	23.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.52%
37) Toluene-d8	10.32	98	266104	21.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.44%
38) trans-1,3-Dichloropropene-	10.58	79	36565	23.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.16%
39) 2-Hexanone-d5	10.93	63	27769	58.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75286	27.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	106211	25.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.32%

Target Compounds

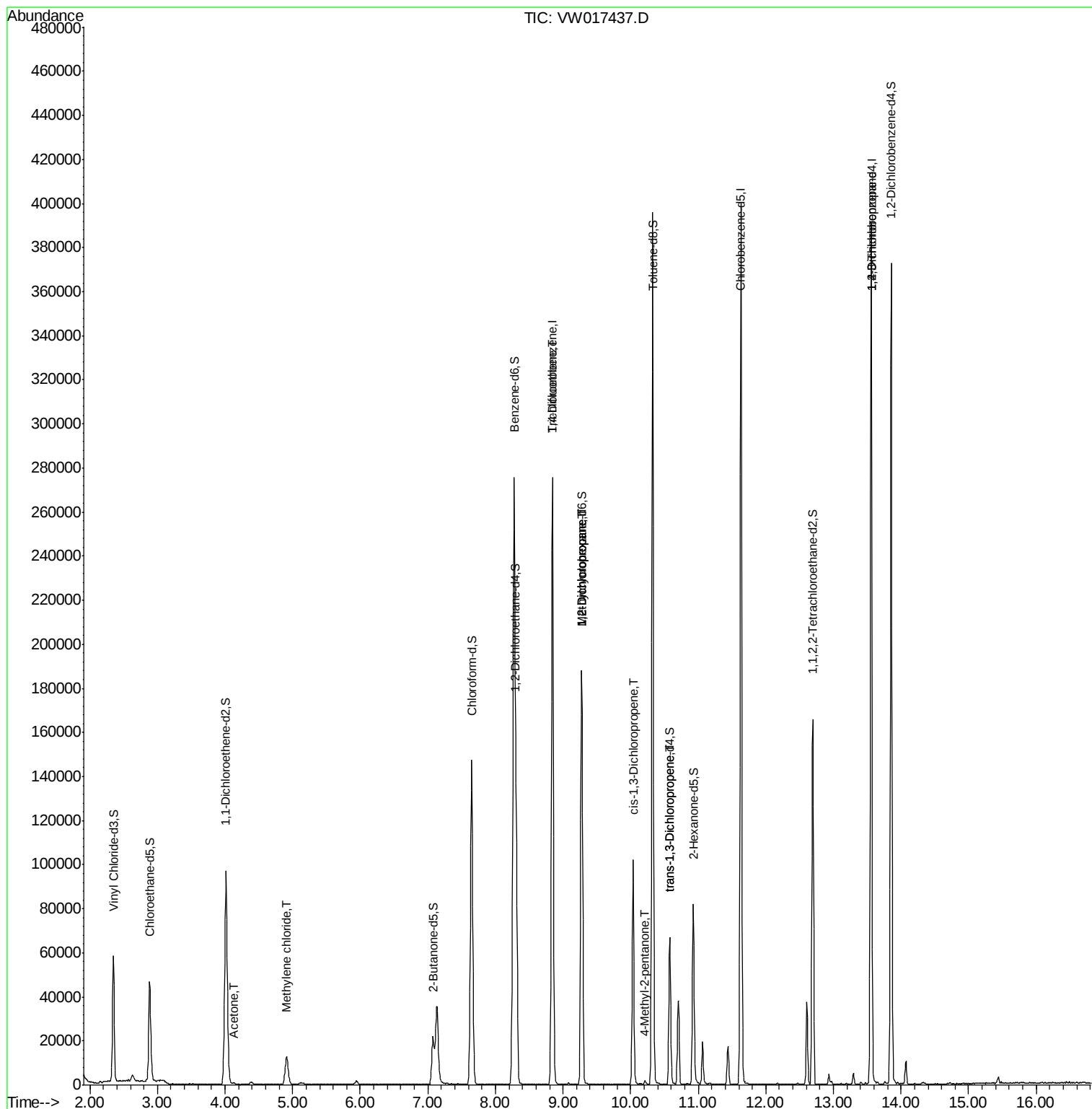
					Qvalue
13) Acetone	4.12	43	720	1.647 ug/L	67
16) Methylene chloride	4.91	84	10451	2.480 ug/L	98
35) Trichloroethene	8.85	95	7225	1.903 ug/L #	2
36) Methylcyclohexane	9.27	83	22026	3.632 ug/L #	22
40) 1,2-Dichloropropane	9.27	63	9783	3.223 ug/L #	84
42) cis-1,3-Dichloropropene	10.03	75	3122	0.663 ug/L #	83
43) 4-Methyl-2-pentanone	10.21	43	1264	0.839 ug/L #	83
45) trans-1,3-Dichloropropene	10.58	75	1977	0.495 ug/L #	60
59) 1,2,3-Trichloropropane	13.55	75	12761	6.823 ug/L	98

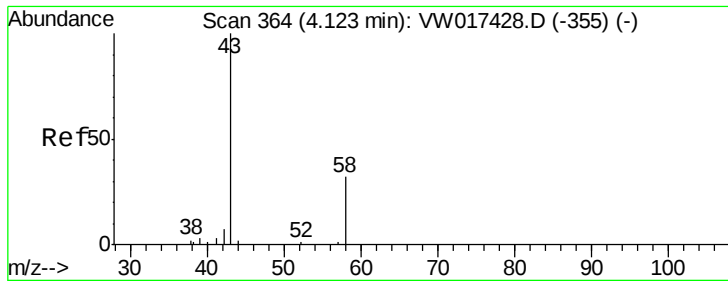
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW017437.D
Acq On : 20 Nov 2020 23:48
Operator : SY/VA
Sample : L4819-16
Misc : 5.88G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BB4

Quant Time: Nov 21 02:29:17 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: 1.647 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW017437.D

Acq: 20 Nov 2020 23:48

Instrument :

MSVOA_W

ClientSampleId :

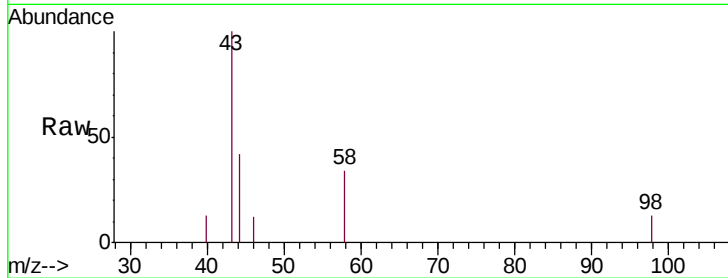
C0BB4

Tgt Ion: 43 Resp: 720

Ion Ratio Lower Upper

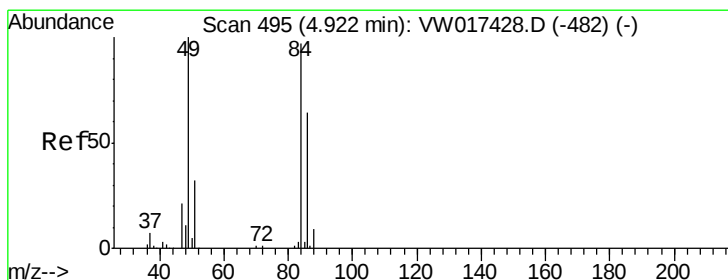
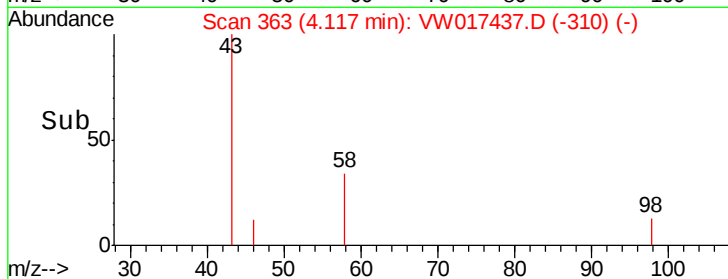
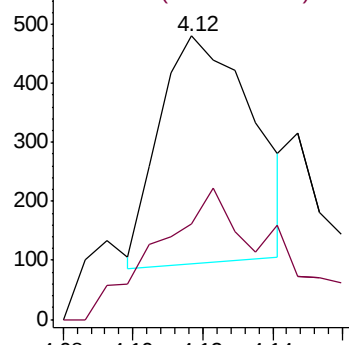
43 100

58 52.2 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: 2.480 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW017437.D

Acq: 20 Nov 2020 23:48

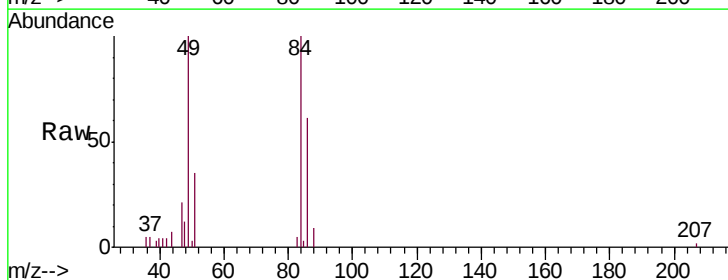
Tgt Ion: 84 Resp: 10451

Ion Ratio Lower Upper

84 100

49 99.9 71.5 132.9

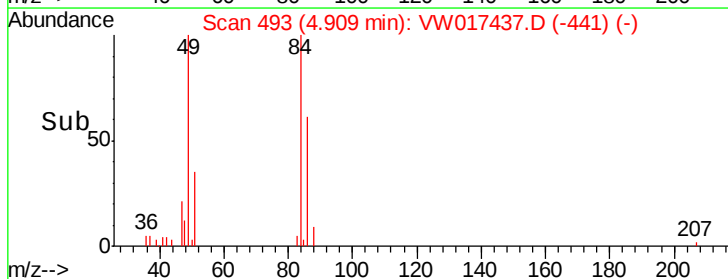
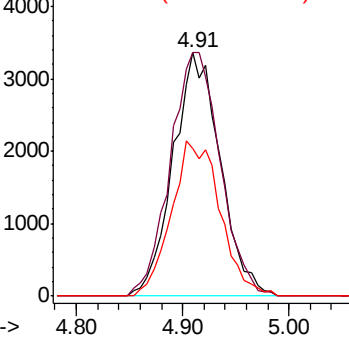
86 60.6 42.8 79.4

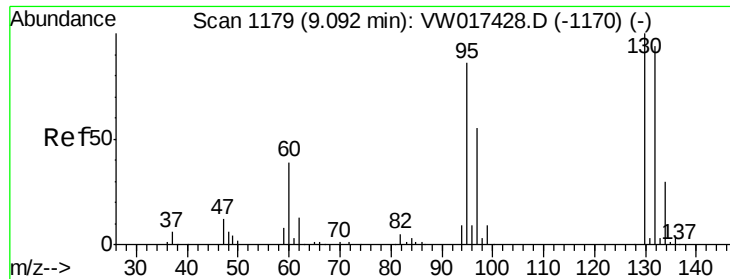


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 1.903 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW017437.D

Acq: 20 Nov 2020 23:48

Instrument :

MSVOA_W

ClientSampled :

C0BB4

Tgt Ion: 95 Resp: 7225

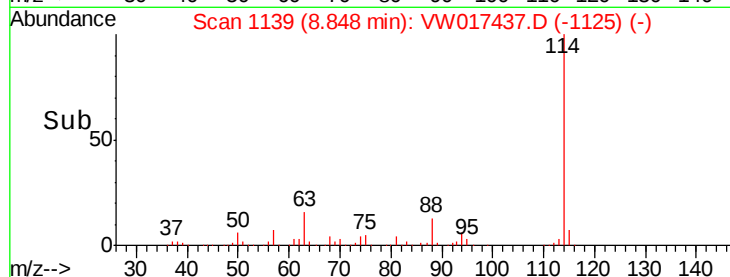
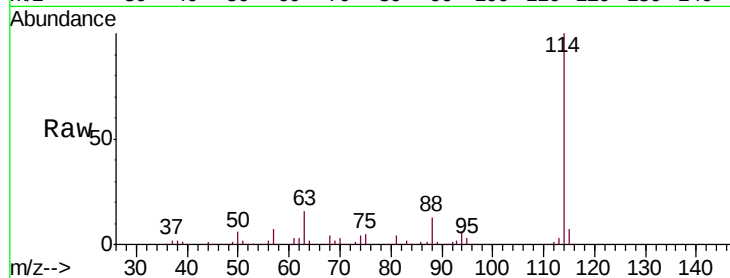
Ion Ratio Lower Upper

95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#

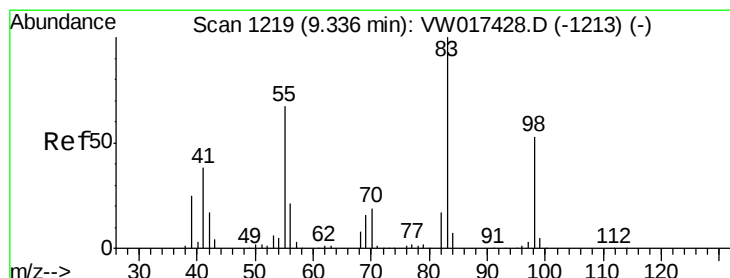
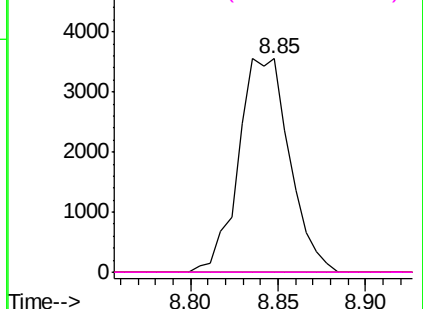


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.632 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW017437.D

Acq: 20 Nov 2020 23:48

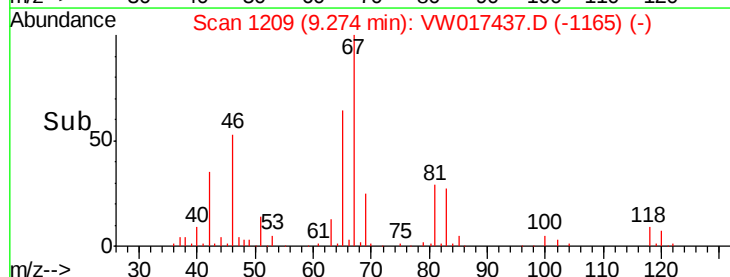
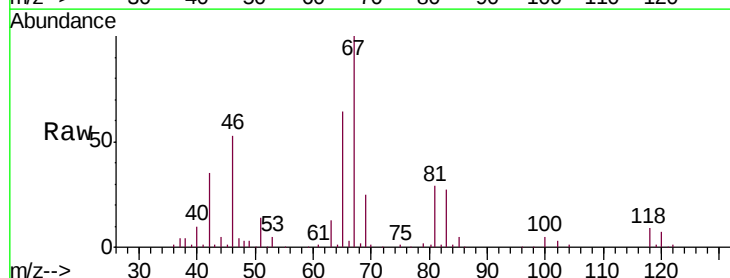
Tgt Ion: 83 Resp: 22026

Ion Ratio Lower Upper

83 100

55 0.7 54.6 81.8#

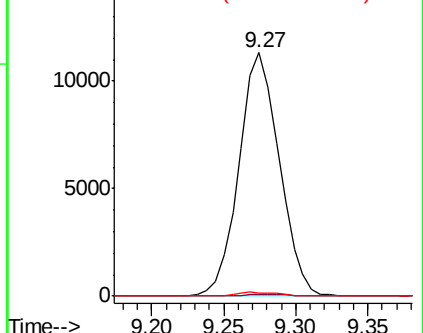
98 1.6 41.5 62.3#

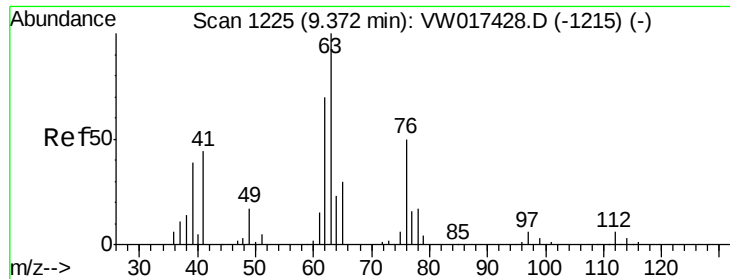


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

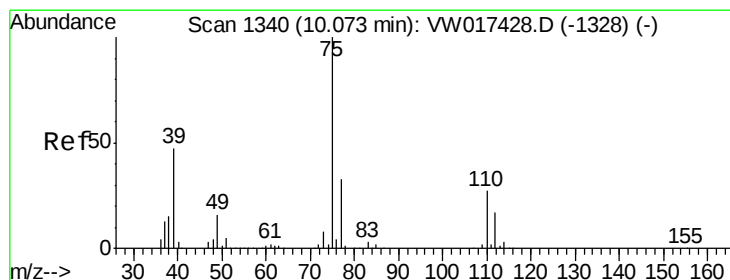
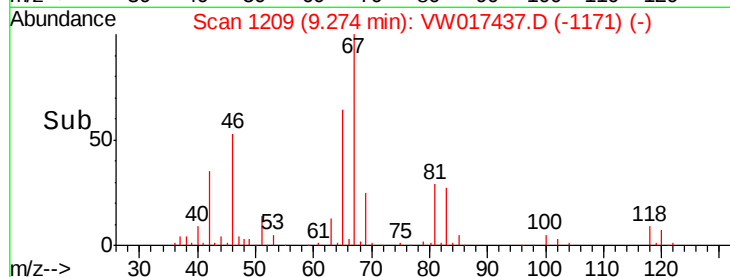
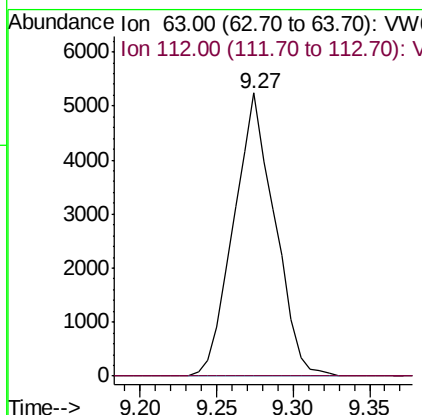
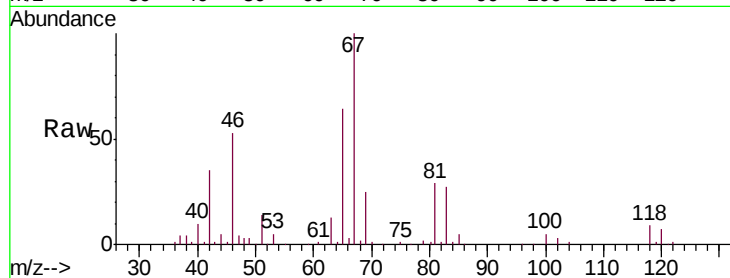




#40
 1,2-Dichloropropane
 Concen: 3.223 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW017437.D
 Acq: 20 Nov 2020 23:48

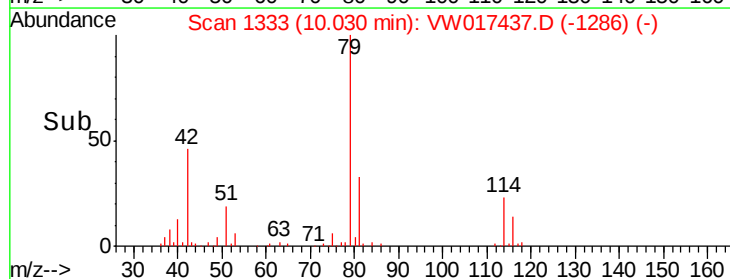
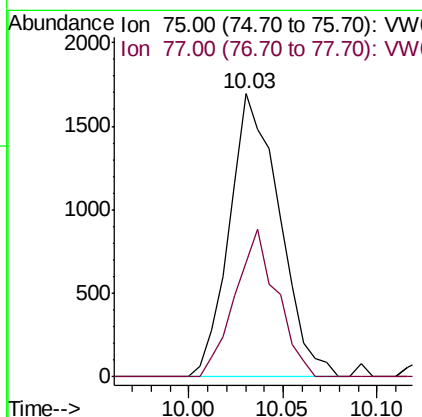
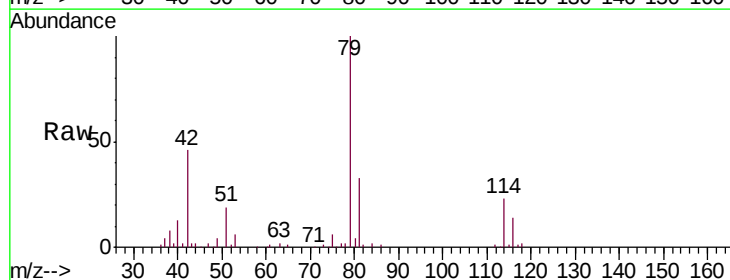
Instrument :
 MSVOA_W
 ClientSampleId :
 C0BB4

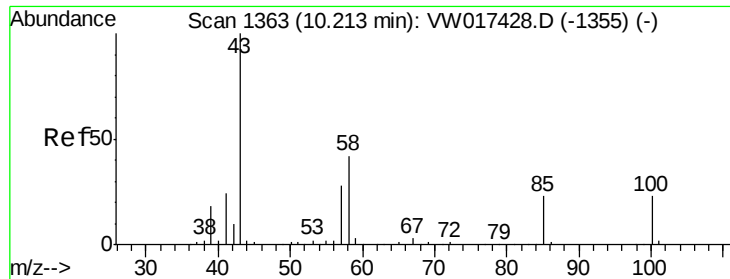
Tgt Ion: 63 Resp: 9783
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.663 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW017437.D
 Acq: 20 Nov 2020 23:48

Tgt Ion: 75 Resp: 3122
 Ion Ratio Lower Upper
 75 100
 77 40.5 21.8 40.4#





#43

4-Methyl-2-pentanone

Concen: 0.839 ug/L

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW017437.D

Acq: 20 Nov 2020 23:48

Instrument :

MSVOA_W

ClientSampleId :

C0BB4

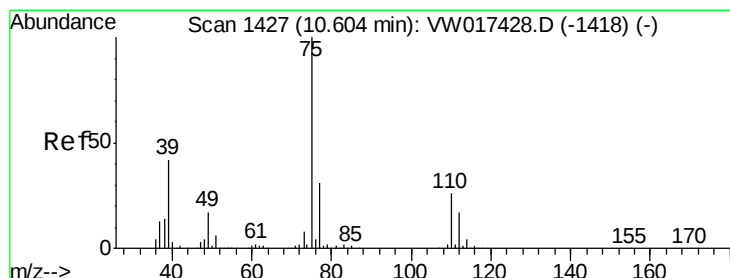
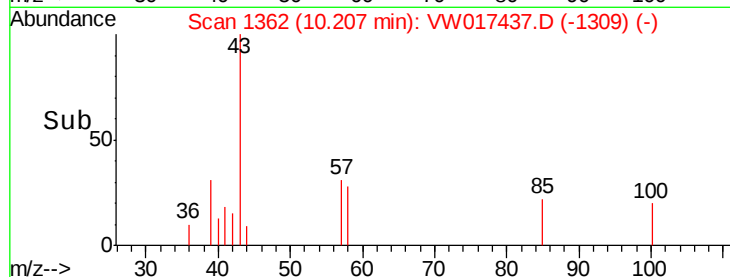
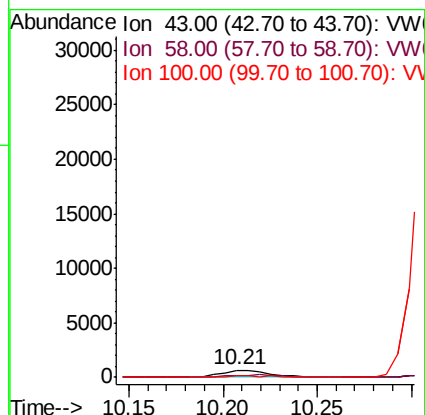
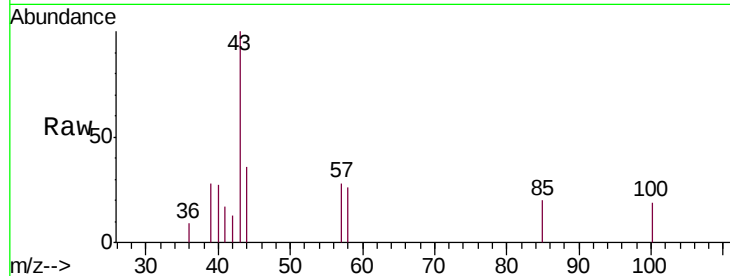
Tgt Ion: 43 Resp: 1264

Ion Ratio Lower Upper

43 100

58 30.4 33.4 50.2#

100 12.9 16.3 24.5#



#45

trans-1,3-Dichloropropene

Concen: 0.495 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017437.D

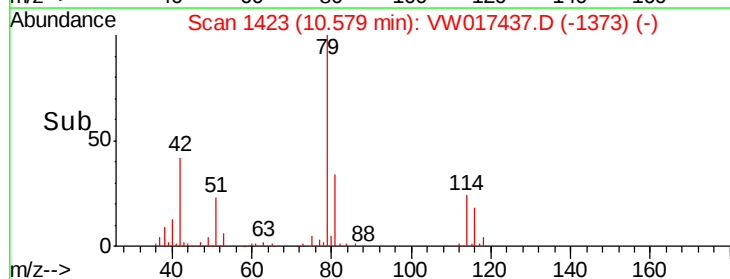
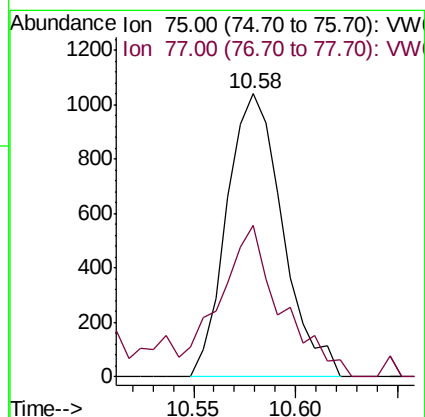
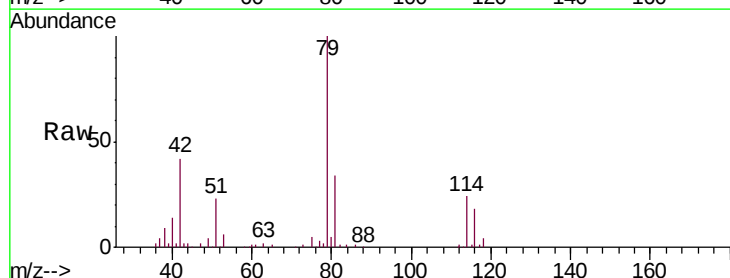
Acq: 20 Nov 2020 23:48

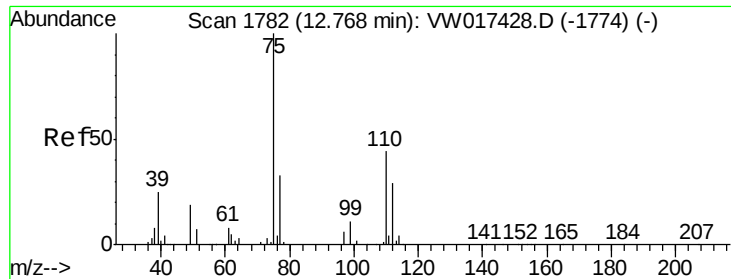
Tgt Ion: 75 Resp: 1977

Ion Ratio Lower Upper

75 100

77 53.5 22.0 40.8#





#59

1,2,3-Trichloropropane

Concen: 6.823 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017437.D

Acq: 20 Nov 2020 23:48

Instrument :

MSVOA_W

ClientSampleId :

C0BB4

Tgt Ion: 75 Resp: 12761

Ion Ratio Lower Upper

75 100

77 34.5 26.6 40.0

