

Data File : VW017438.D
Acq On : 21 Nov 2020 00:12
Operator : SY/VA
Sample : L4819-17
Misc : 4.59G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BB5

Quant Time: Nov 21 02:29:26 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	301750	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	190288	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	33890	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	97339	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.16%
7) Chloroethane-d5	2.89	69	88054	24.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.24%
10) 1,1-Dichloroethene-d2	4.01	63	127154	16.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.08%
20) 2-Butanone-d5	7.08	46	31422	42.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.66%
24) Chloroform-d	7.65	84	194590	24.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	8.31	65	108313	28.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.12%
29) Benzene-d6	8.27	84	365385	34.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	136.24%#
33) 1,2-Dichloropropane-d6	9.27	67	107047	37.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	149.84%#
37) Toluene-d8	10.32	98	289476	28.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.64%
38) trans-1,3-Dichloropropene-	10.58	79	36847	29.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	118.44%
39) 2-Hexanone-d5	10.93	63	24746	64.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	72536	33.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	133.96%#
61) 1,2-Dichlorobenzene-d4	13.85	152	33871	27.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.28%

Target Compounds

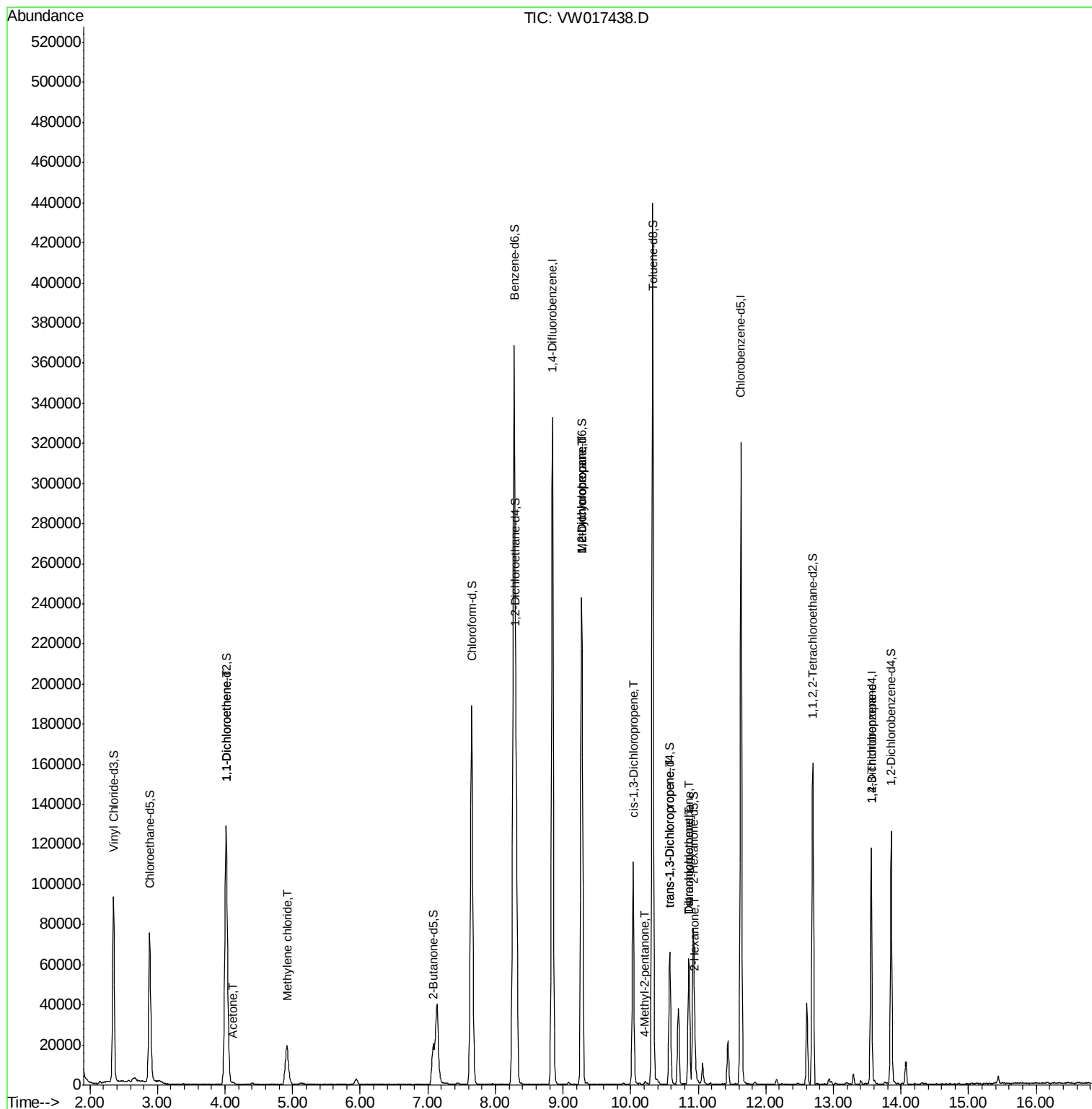
					Qvalue	
12) 1,1-Dichloroethene	4.02	96	1211	0.305	ug/L #	1
13) Acetone	4.12	43	1398	2.612	ug/L	59
16) Methylene chloride	4.92	84	16592	3.215	ug/L	93
36) Methylcyclohexane	9.27	83	29065	5.982	ug/L #	22
40) 1,2-Dichloropropane	9.27	63	13389	5.506	ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	3501	0.928	ug/L #	58
43) 4-Methyl-2-pentanone	10.21	43	1244	1.031	ug/L #	83
45) trans-1,3-Dichloropropene	10.57	75	1879	0.588	ug/L #	67
47) Tetrachloroethene	10.87	164	14655	5.316	ug/L	95
49) 2-Hexanone	10.95	43	9380	12.913	ug/L #	35
50) Dibromochloromethane	10.86	129	13240	5.406	ug/L #	12
59) 1,2,3-Trichloropropane	13.55	75	3822	2.551	ug/L	93

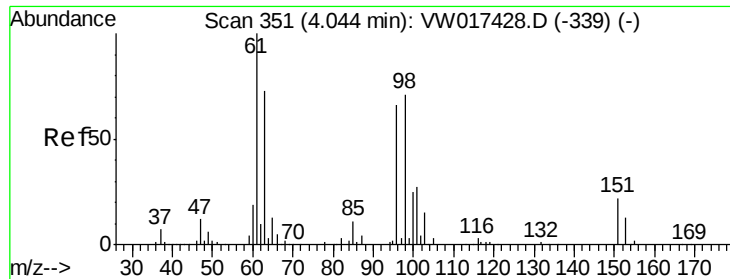
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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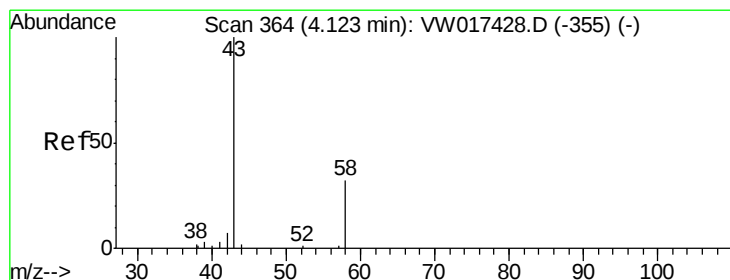
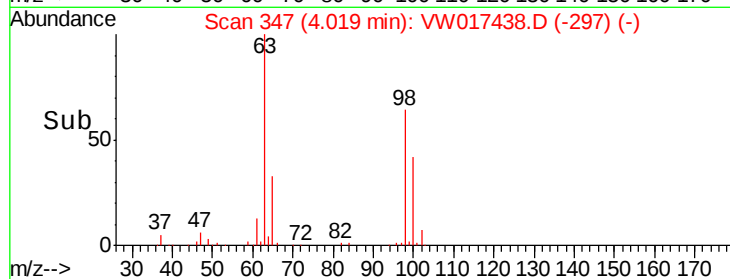
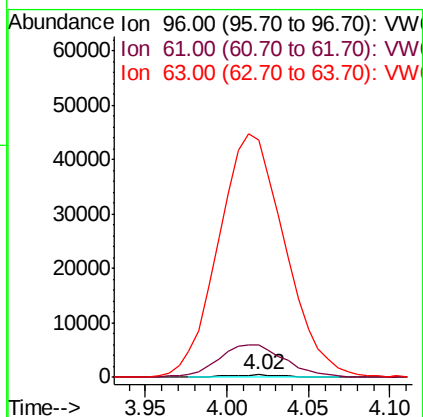
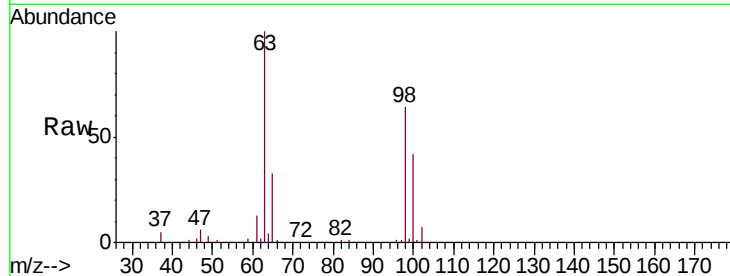




#12
 1,1-Dichloroethene
 Concen: 0.305 ug/L
 RT: 4.02 min Scan# 347
 Delta R.T. -0.02 min
 Lab File: VW017438.D
 Acq: 21 Nov 2020 00:12

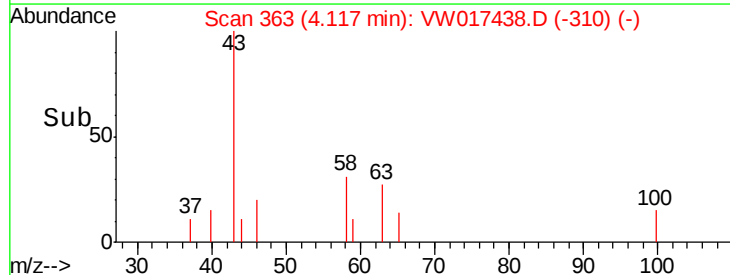
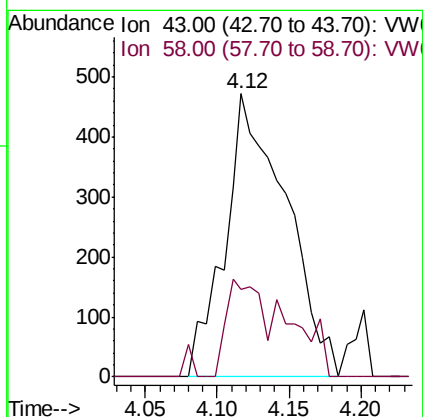
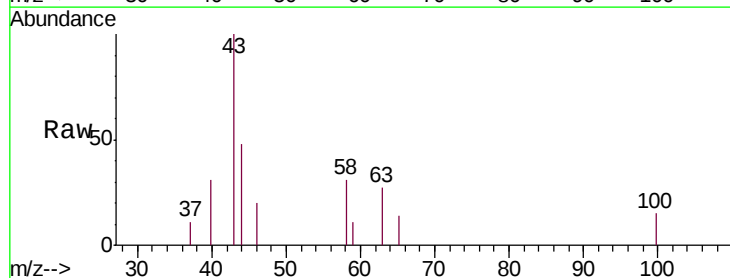
Instrument :
 MSVOA_W
 ClientSampleId :
 C0BB5

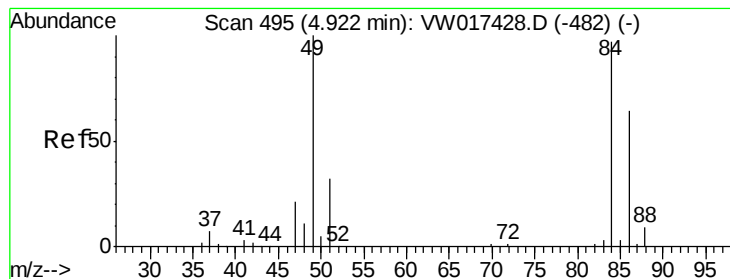
Tgt Ion: 96 Resp: 1211
 Ion Ratio Lower Upper
 96 100
 61 1347.6 104.7 194.4#
 63 10017.5 69.6 129.2#



#13
 Acetone
 Concen: 2.612 ug/L
 RT: 4.12 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VW017438.D
 Acq: 21 Nov 2020 00:12

Tgt Ion: 43 Resp: 1398
 Ion Ratio Lower Upper
 43 100
 58 10.3 0.0 67.0





#16

Methylene chloride

Concen: 3.215 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017438.D

Acq: 21 Nov 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

C0BB5

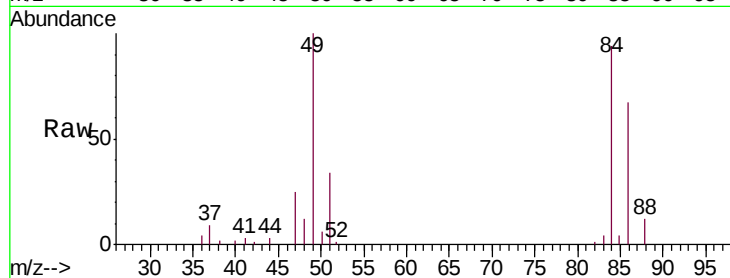
Tgt Ion: 84 Resp: 16592

Ion Ratio Lower Upper

84 100

49 106.0 71.5 132.9

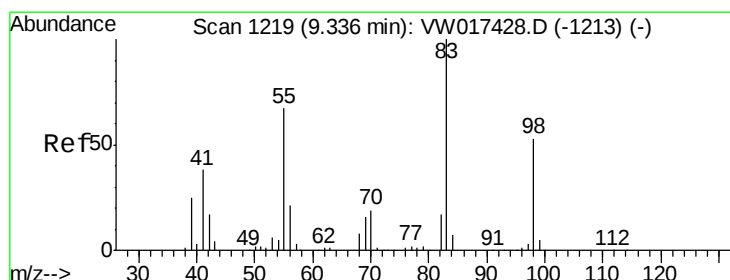
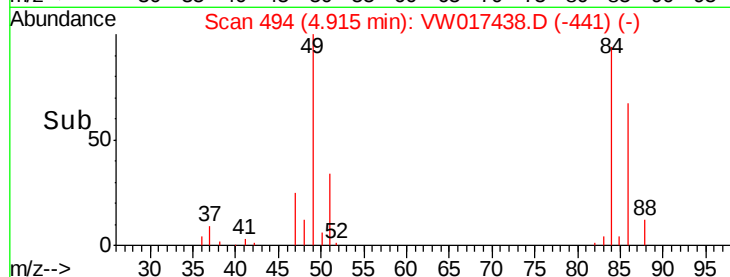
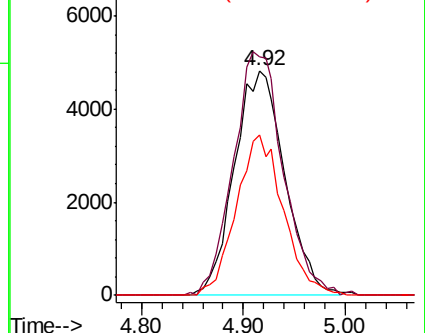
86 71.4 42.8 79.4



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: 5.982 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW017438.D

Acq: 21 Nov 2020 00:12

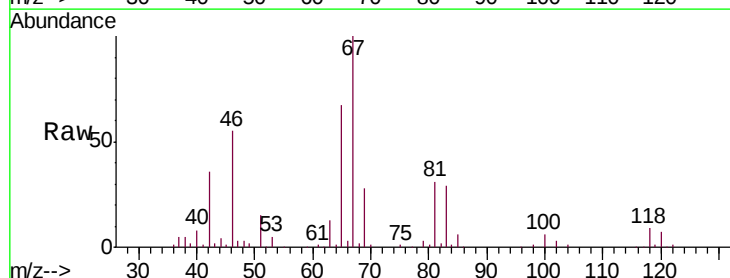
Tgt Ion: 83 Resp: 29065

Ion Ratio Lower Upper

83 100

55 0.6 54.6 81.8#

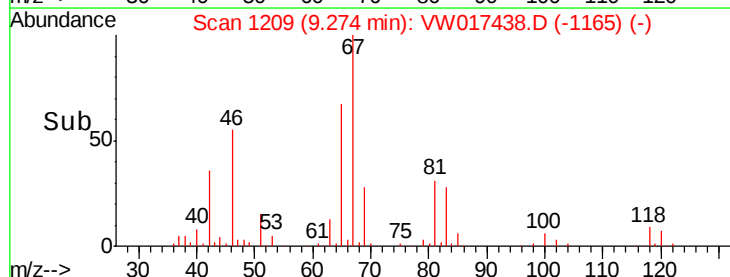
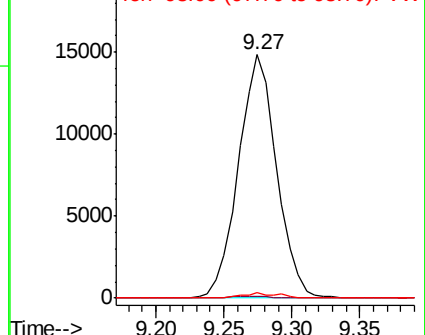
98 1.5 41.5 62.3#

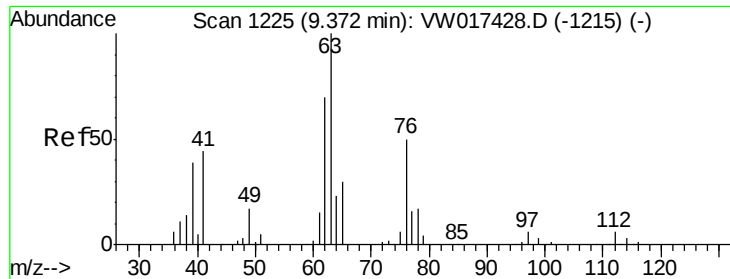


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

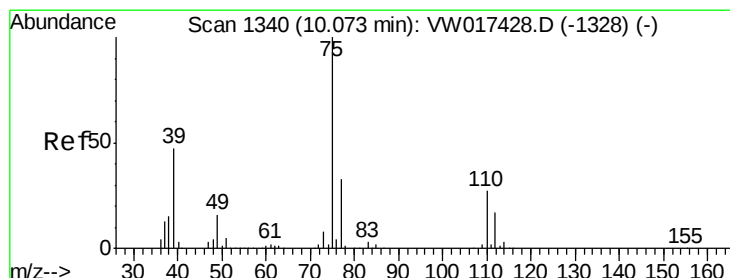
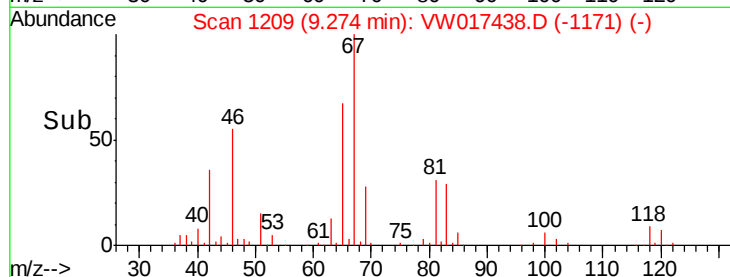
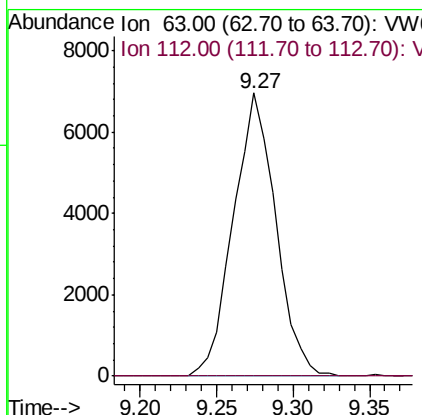
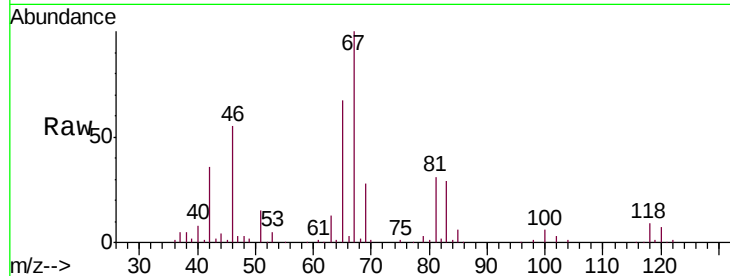




#40
 1,2-Dichloropropane
 Concen: 5.506 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW017438.D
 Acq: 21 Nov 2020 00:12

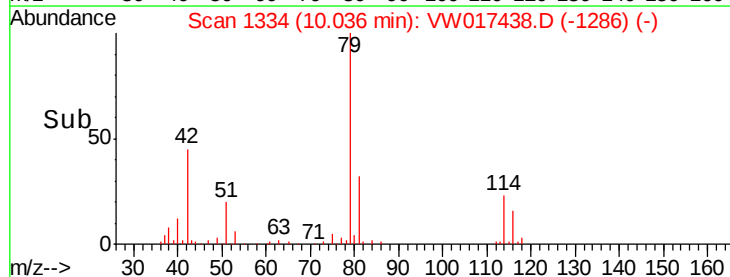
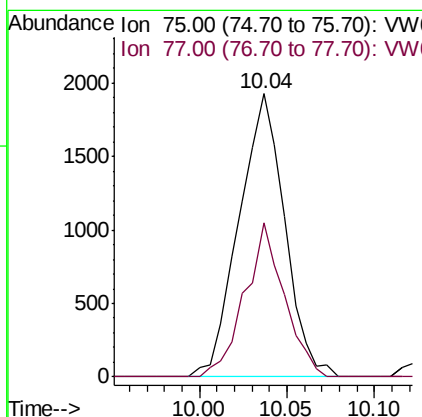
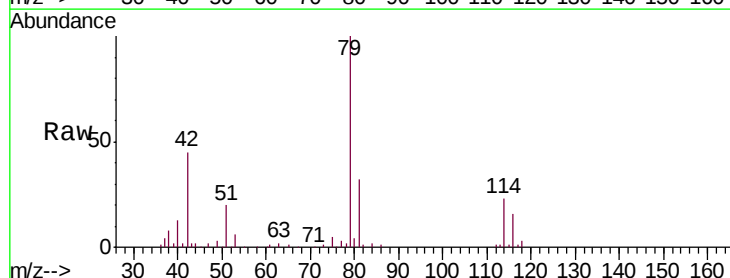
Instrument :
 MSVOA_W
 ClientSampleId :
 C0BB5

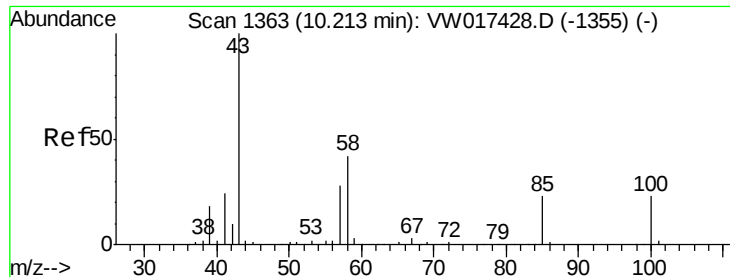
Tgt Ion: 63 Resp: 13389
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.928 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017438.D
 Acq: 21 Nov 2020 00:12

Tgt Ion: 75 Resp: 3501
 Ion Ratio Lower Upper
 75 100
 77 54.5 21.8 40.4#

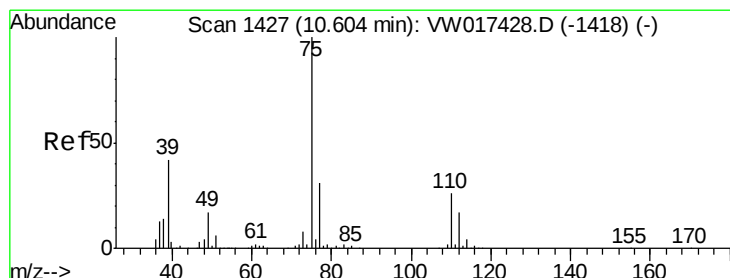
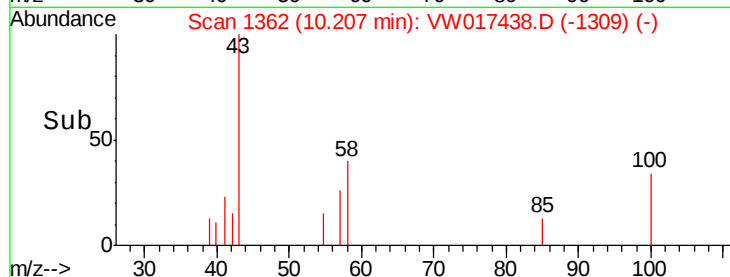
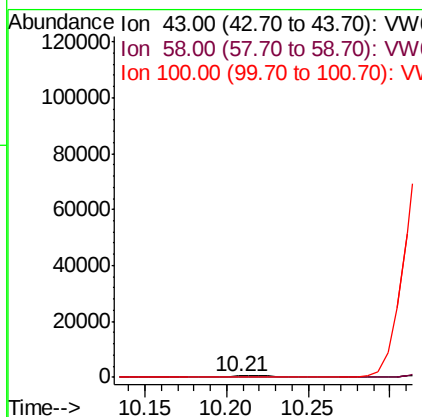
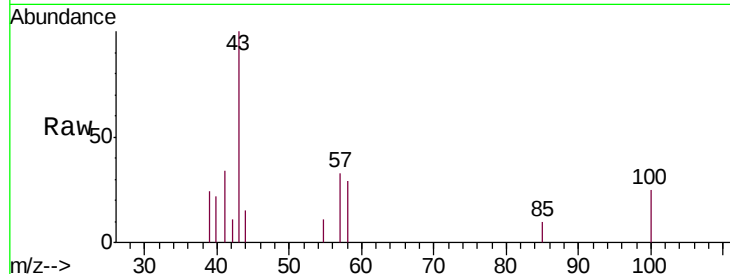




#43
4-Methyl-2-pentanone
Concen: 1.031 ug/L
RT: 10.21 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VW017438.D
Acq: 21 Nov 2020 00:12

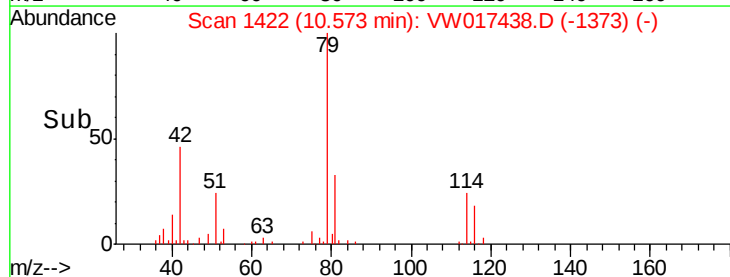
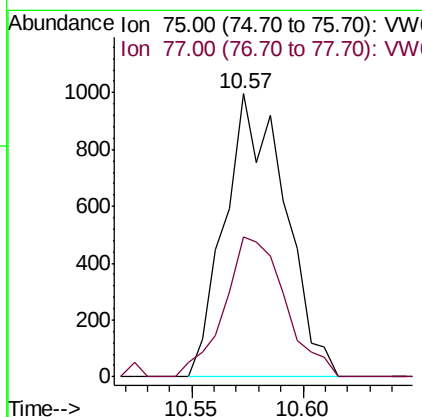
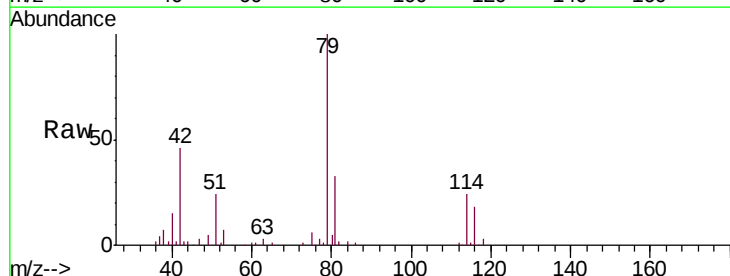
Instrument :
MSVOA_W
ClientSampleId :
C0BB5

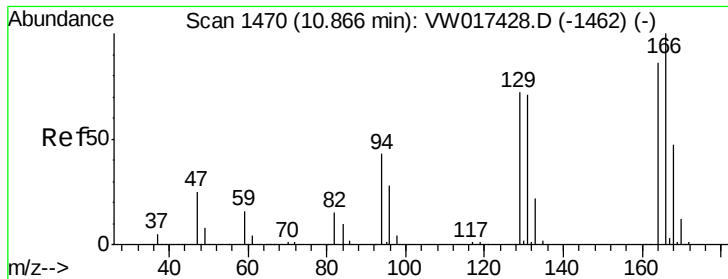
Tgt Ion: 43 Resp: 1244
Ion Ratio Lower Upper
43 100
58 32.3 33.4 50.2#
100 10.0 16.3 24.5#



#45
trans-1,3-Dichloropropene
Concen: 0.588 ug/L
RT: 10.57 min Scan# 1422
Delta R.T. -0.03 min
Lab File: VW017438.D
Acq: 21 Nov 2020 00:12

Tgt Ion: 75 Resp: 1879
Ion Ratio Lower Upper
75 100
77 49.5 22.0 40.8#





#47

Tetrachloroethene

Concen: 5.316 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW017438.D

Acq: 21 Nov 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

C0BB5

Tgt Ion:164 Resp: 14655

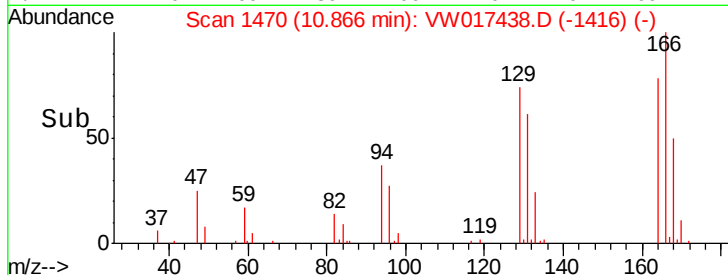
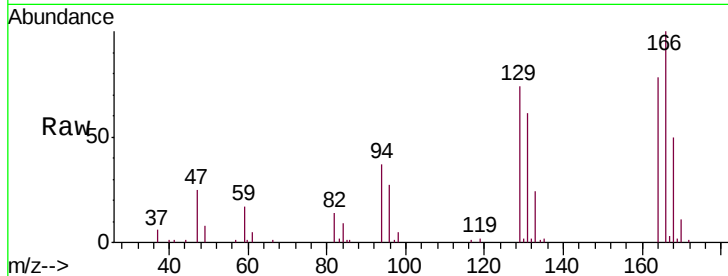
Ion Ratio Lower Upper

164 100

129 94.2 60.6 112.6

131 77.5 60.4 112.2

166 127.6 88.6 164.6

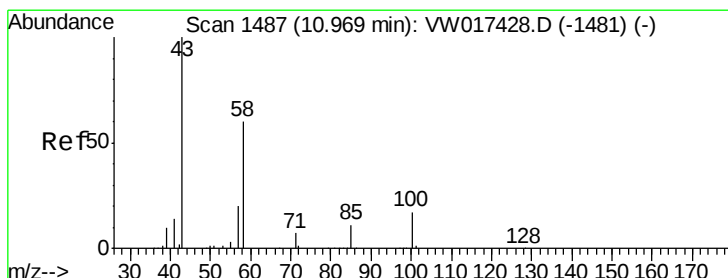
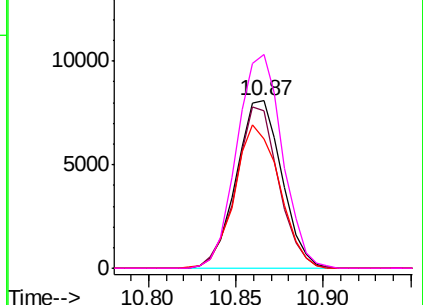


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 12.913 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW017438.D

Acq: 21 Nov 2020 00:12

Tgt Ion: 43 Resp: 9380

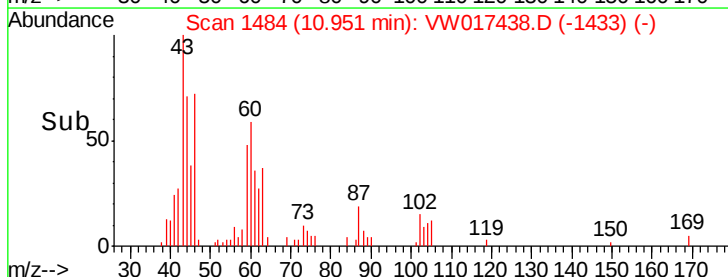
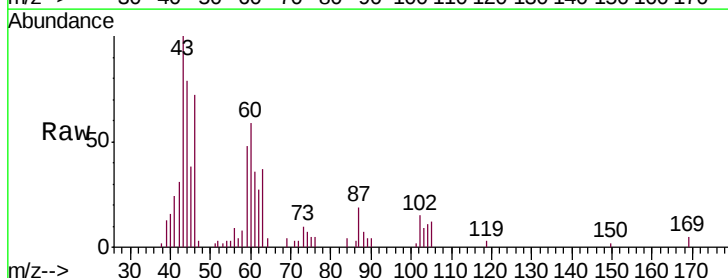
Ion Ratio Lower Upper

43 100

58 0.7 49.4 74.0#

57 1.7 17.0 25.4#

100 0.0 13.1 19.7#

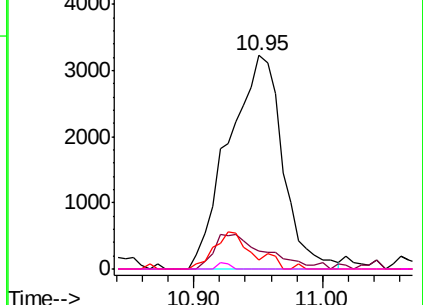


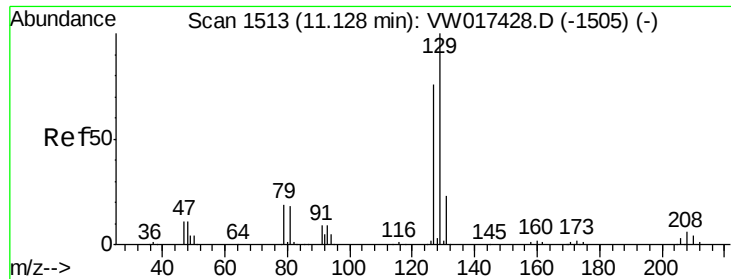
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW





#50

Dibromochloromethane

Concen: 5.406 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

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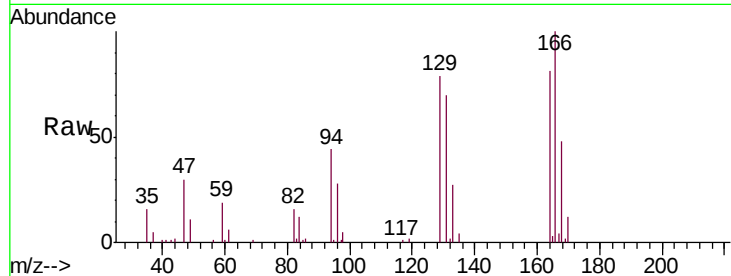
C0BB5

Tgt Ion: 129 Resp: 13240

Ion Ratio Lower Upper

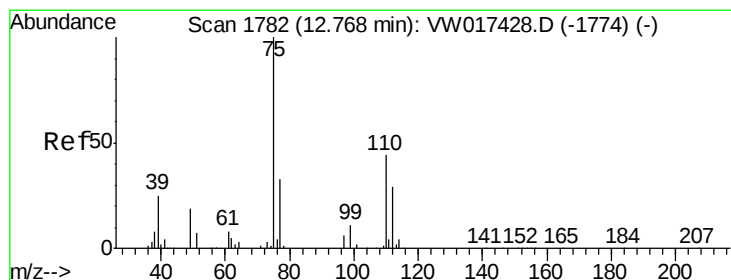
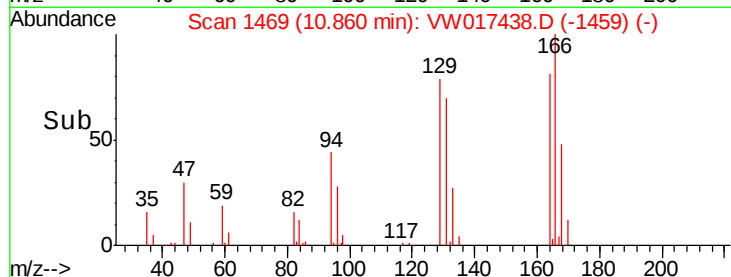
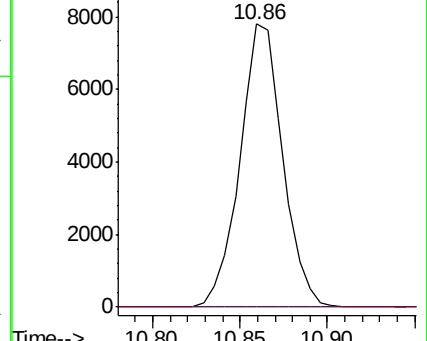
129 100

127 0.0 51.8 96.2#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 2.551 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017438.D

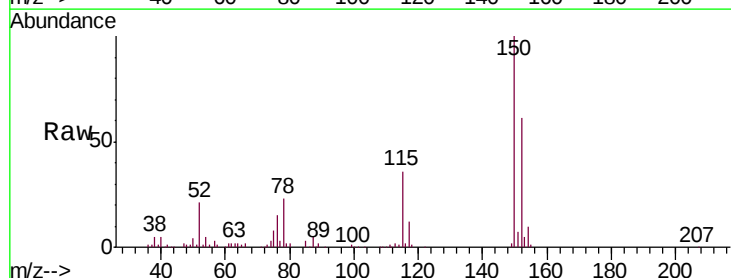
Acq: 21 Nov 2020 00:12

Tgt Ion: 75 Resp: 3822

Ion Ratio Lower Upper

75 100

77 37.3 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

