

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111320\
 Data File : VW017215.D
 Acq On : 13 Nov 2020 16:13
 Operator : SY/VA
 Sample : L4710-21
 Misc : 4.48G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AY5

Quant Time: Nov 16 14:16:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 16 11:48:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	336456	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	247151	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	72719	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	99509	23.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.92%
7) Chloroethane-d5	2.89	69	84789	25.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.84%
10) 1,1-Dichloroethene-d2	4.02	63	135653	17.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.60%
20) 2-Butanone-d5	7.09	46	28105	29.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.32%
24) Chloroform-d	7.65	84	200750	25.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.24%
26) 1,2-Dichloroethane-d4	8.31	65	108603	27.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.24%
29) Benzene-d6	8.27	84	377874	30.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.08%
33) 1,2-Dichloropropane-d6	9.27	67	109218	31.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.48%#
37) Toluene-d8	10.32	98	322004	27.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.52%
38) trans-1,3-Dichloropropene-	10.58	79	37453	23.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.44%
39) 2-Hexanone-d5	10.93	63	25238	41.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	78558	25.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	63581	24.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.28%

Target Compounds

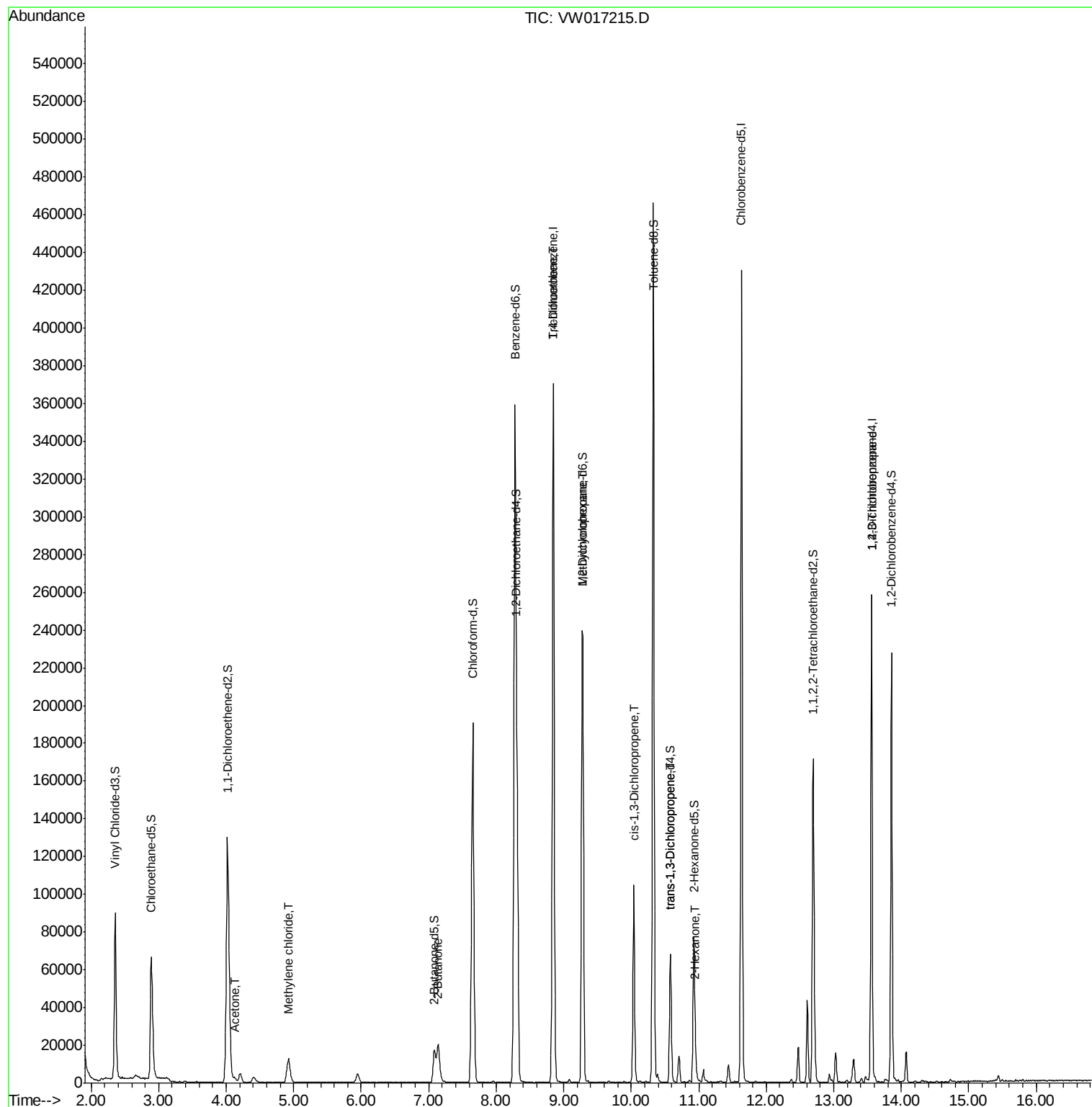
					Ovalue
13) Acetone	4.14	43	3628	5.717 ug/L	95
16) Methylene chloride	4.93	84	12000	2.645 ug/L	87
21) 2-Butanone	7.15	43	8422	8.266 ug/L #	44
35) Trichloroethene	8.84	95	9902	2.724 ug/L #	2
36) Methylcyclohexane	9.27	83	29819	5.097 ug/L #	22
42) cis-1,3-Dichloropropene	10.04	75	2858	0.595 ug/L #	72
45) trans-1,3-Dichloropropene	10.58	75	1749	0.424 ug/L #	75
49) 2-Hexanone	10.95	43	3742	3.316 ug/L #	37
59) 1,2,3-Trichloropropane	13.56	75	7861	3.619 ug/L	91

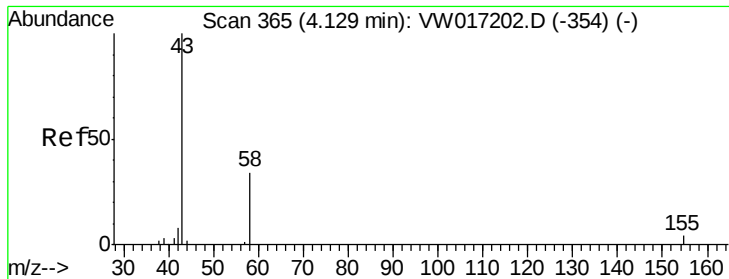
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111320\
Data File : VW017215.D
Acq On : 13 Nov 2020 16:13
Operator : SY/VA
Sample : L4710-21
Misc : 4.48G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AY5

Quant Time: Nov 16 14:16:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 16 11:48:24 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.717 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017215.D

Acq: 13 Nov 2020 16:13

Instrument :

MSVOA_W

ClientSampled :

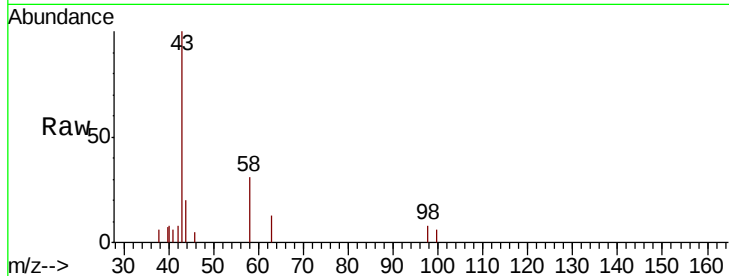
C0AY5

Tot Ion: 43 Resp: 3628

Ion Ratio Lower Upper

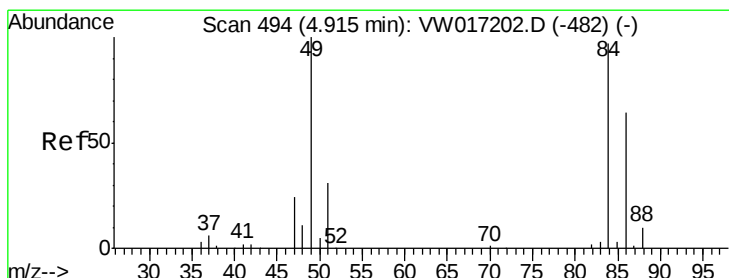
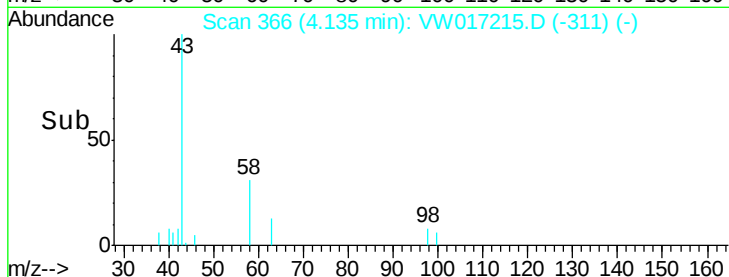
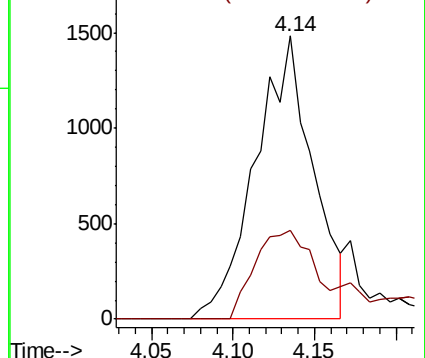
43 100

58 31.8 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.645 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017215.D

Acq: 13 Nov 2020 16:13

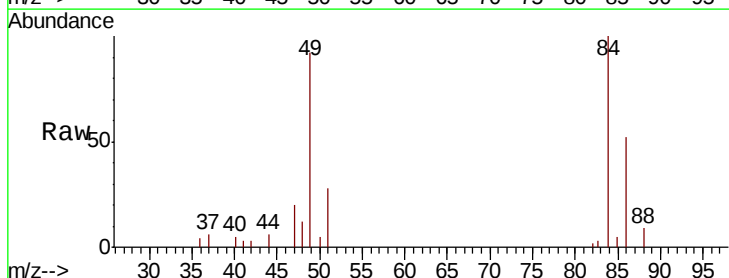
Tgt Ion: 84 Resp: 12000

Ion Ratio Lower Upper

84 100

49 92.0 72.3 134.3

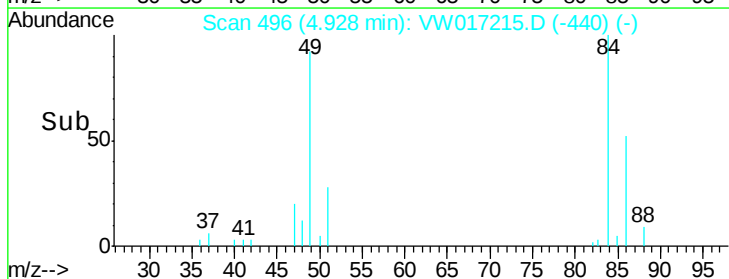
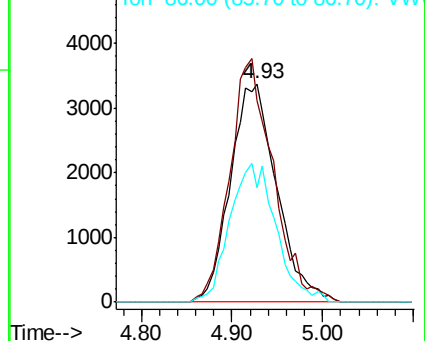
86 52.1 45.1 83.7

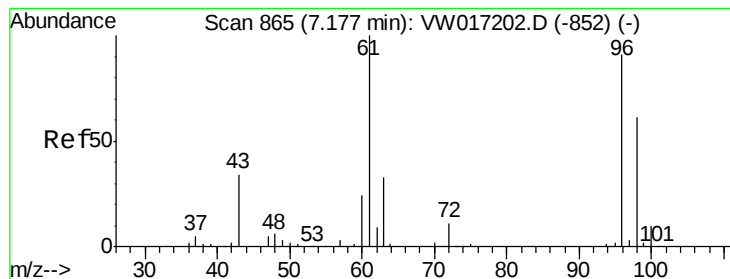


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 8.266 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

Lab File: VW017215.D

Acq: 13 Nov 2020 16:13

Instrument :

MSVOA_W

ClientSampleId :

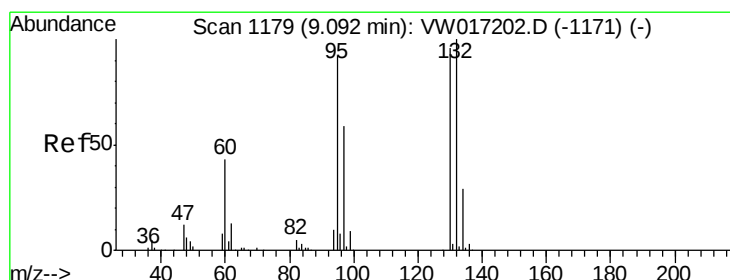
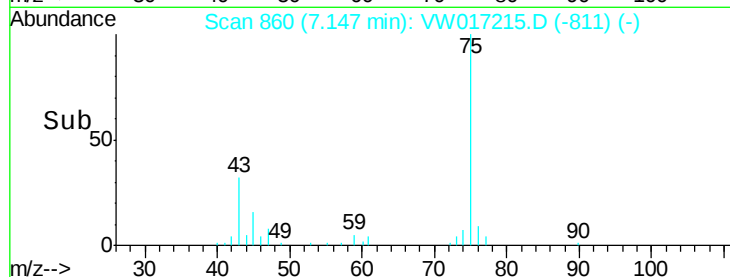
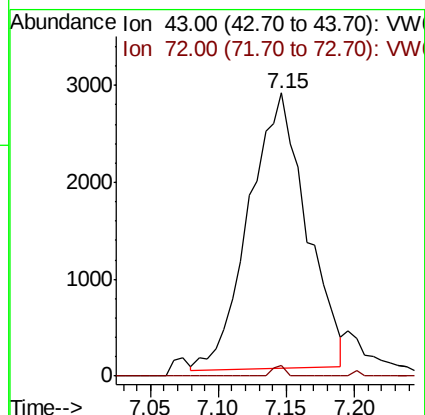
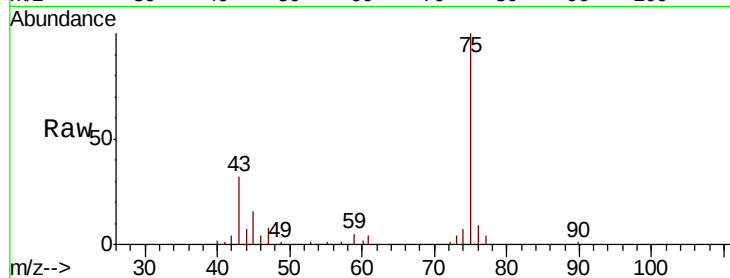
C0AY5

Tot Ion: 43 Resp: 8422

Ion Ratio Lower Upper

43 100

72 0.8 16.1 48.3#



#35

Trichloroethene

Concen: 2.724 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017215.D

Acq: 13 Nov 2020 16:13

Tgt Ion: 95 Resp: 9902

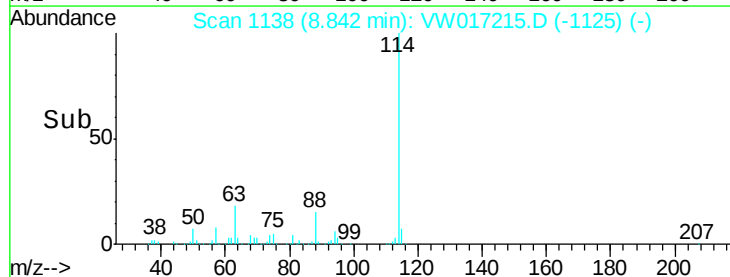
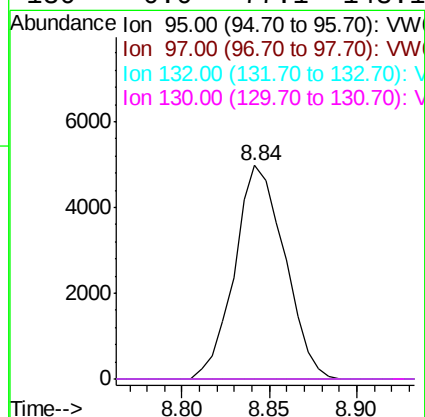
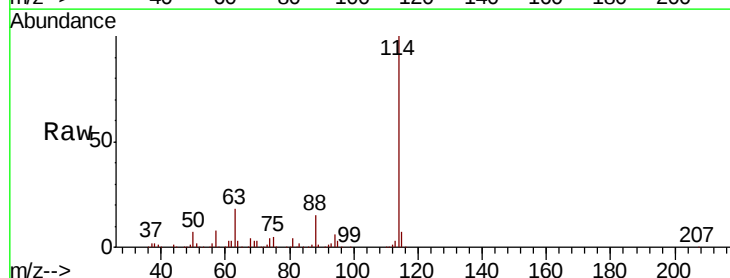
Ion Ratio Lower Upper

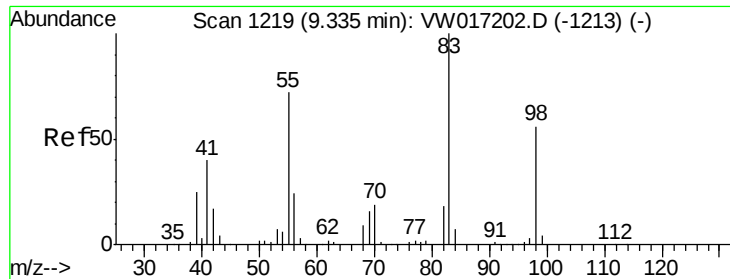
95 100

97 0.0 45.0 83.6#

132 0.0 73.7 136.9#

130 0.0 77.1 143.1#

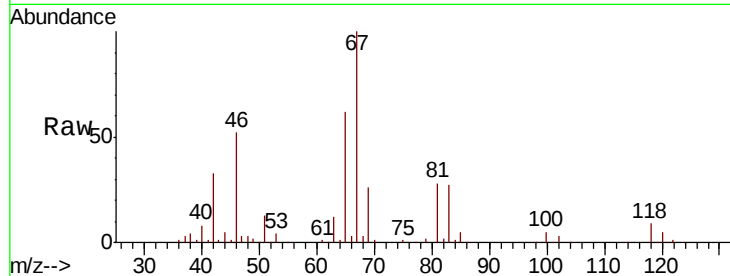




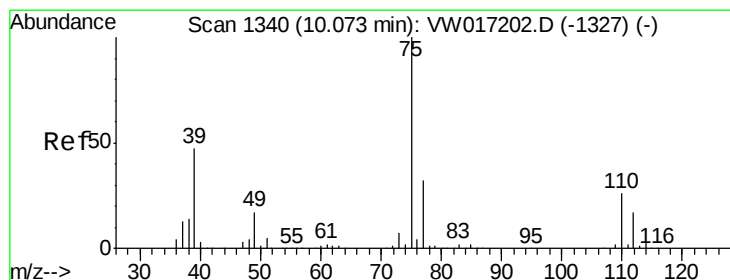
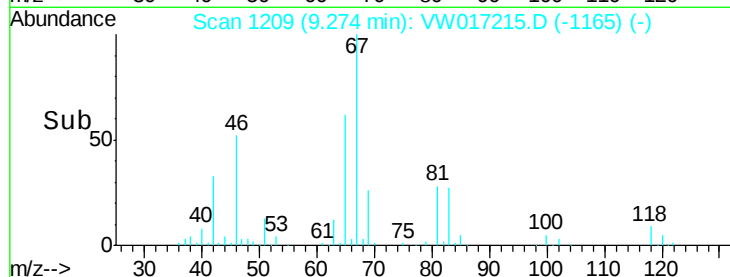
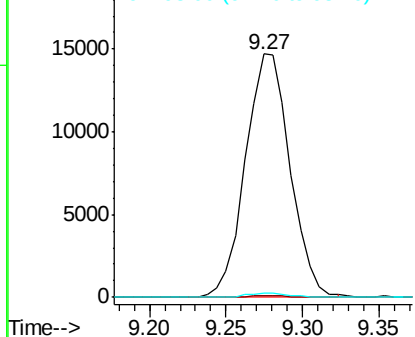
#36
Methylcyclohexane
Concen: 5.097 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW017215.D
Acq: 13 Nov 2020 16:13

Instrument :
MSVOA_W
ClientSampleId :
C0AY5

Tot Ion: 83 Resp: 29819
Ion Ratio Lower Upper
83 100
55 0.3 54.4 81.6#
98 1.7 40.5 60.7#

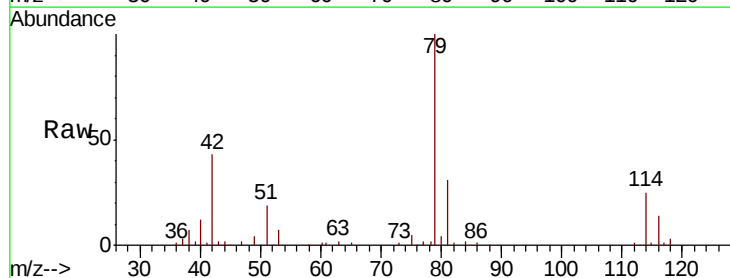


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

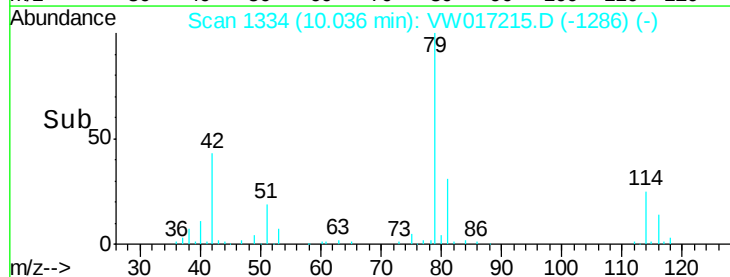
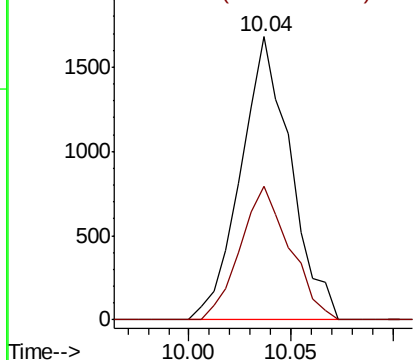


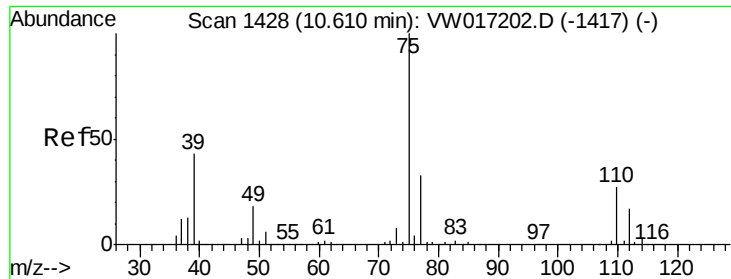
#42
cis-1,3-Dichloropropene
Concen: 0.595 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017215.D
Acq: 13 Nov 2020 16:13

Tgt Ion: 75 Resp: 2858
Ion Ratio Lower Upper
75 100
77 47.1 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW

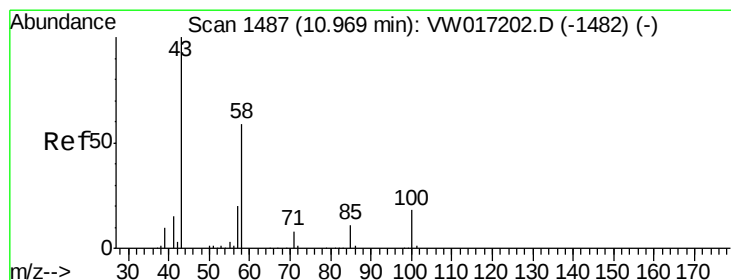
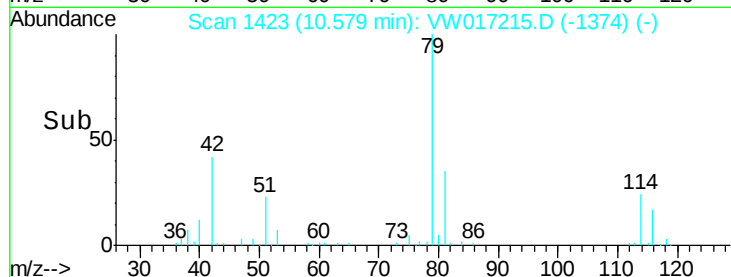
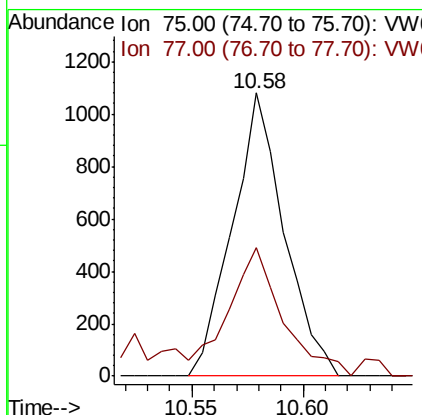
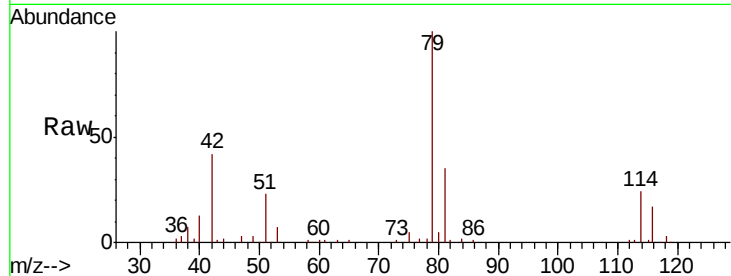




#45
trans-1,3-Dichloropropene
Concen: 0.424 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.03 min
Lab File: VW017215.D
Acq: 13 Nov 2020 16:13

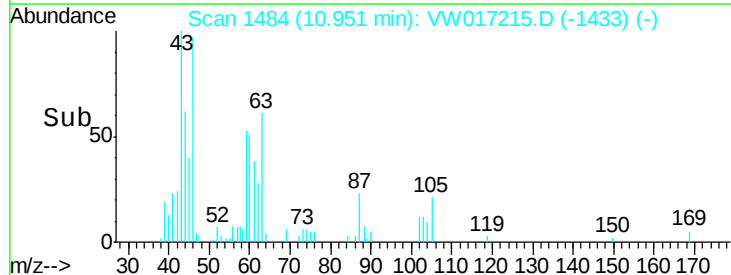
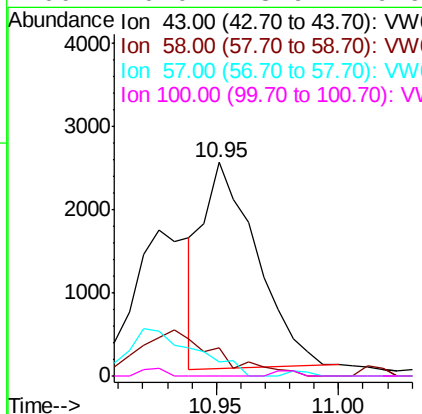
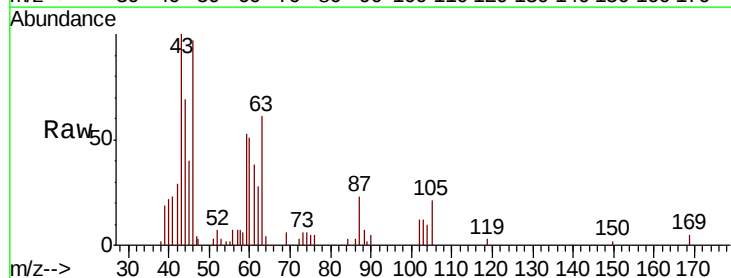
Instrument :
MSVOA_W
ClientSampleId :
C0AY5

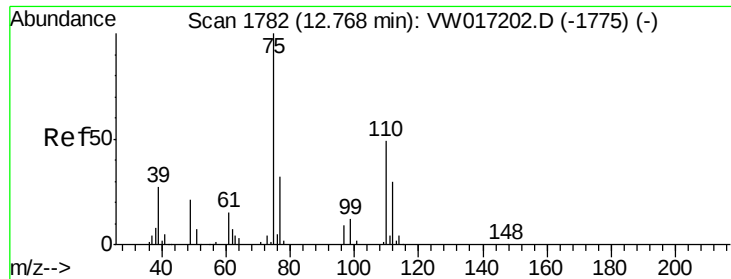
Tot Ion: 75 Resp: 1749
Ion Ratio Lower Upper
75 100
77 45.5 22.1 41.1#



#49
2-Hexanone
Concen: 3.316 ug/L
RT: 10.95 min Scan# 1484
Delta R.T. -0.02 min
Lab File: VW017215.D
Acq: 13 Nov 2020 16:13

Tgt Ion: 43 Resp: 3742
Ion Ratio Lower Upper
43 100
58 4.2 50.6 75.8#
57 0.0 17.8 26.6#
100 0.0 13.9 20.9#





#59

1,2,3-Trichloropropane

Concen: 3.619 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017215.D

Acq: 13 Nov 2020 16:13

Instrument :

MSVOA_W

ClientSampleId :

C0AY5

Tot Ion: 75 Resp: 7861

Ion Ratio Lower Upper

75 100

77 38.1 26.4 39.6

