

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103020\
 Data File : VW017034.D
 Acq On : 30 Oct 2020 12:21
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 31 05:49:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 31 05:42:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	439230	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	413647	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	188521	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	105889	20.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.56%
7) Chloroethane-d5	2.89	69	88233	22.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.84%
10) 1,1-Dichloroethene-d2	4.02	63	163162	16.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.20%
20) 2-Butanone-d5	7.08	46	53143	55.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.30%
24) Chloroform-d	7.65	84	242277	23.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.64%
26) 1,2-Dichloroethane-d4	8.31	65	119893	25.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.60%
29) Benzene-d6	8.27	84	489426	23.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.12%
33) 1,2-Dichloropropane-d6	9.27	67	137020	23.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.56%
37) Toluene-d8	10.33	98	459626	22.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.92%
38) trans-1,3-Dichloropropene-	10.58	79	54456	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.48%
39) 2-Hexanone-d5	10.93	63	41998	52.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111142	25.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	165659	25.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.00%

Target Compounds

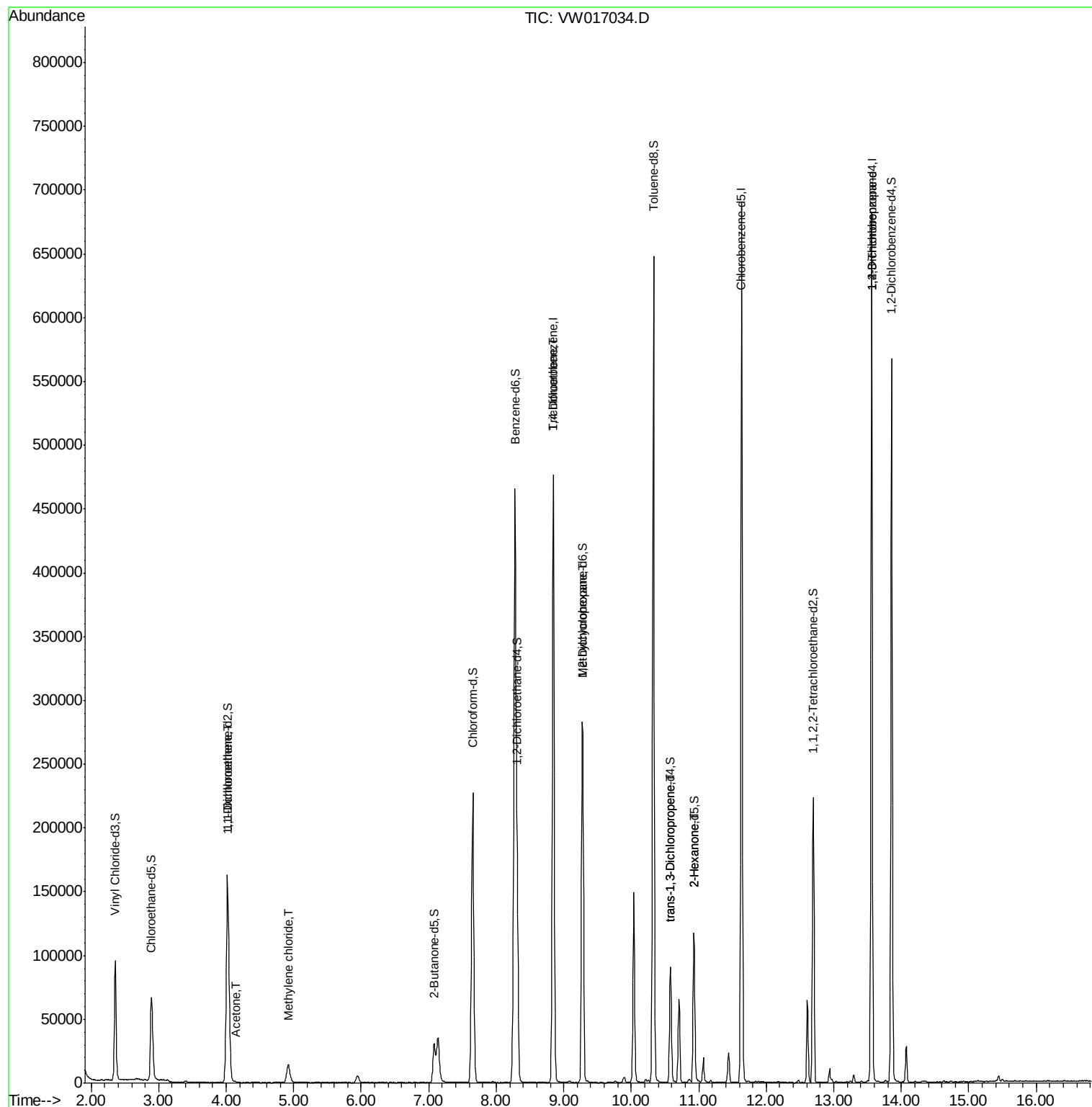
					Ovalue
12) 1,1-Dichloroethene	4.03	96	1567	0.273 ug/L #	1
13) Acetone	4.14	43	921	1.433 ug/L	67
16) Methylene chloride	4.92	84	12876	2.217 ug/L	96
35) Trichloroethene	8.85	95	12491	1.974 ug/L #	2
36) Methylcyclohexane	9.27	83	35697	3.359 ug/L #	22
45) trans-1,3-Dichloropropene	10.59	75	2267	0.343 ug/L	91
49) 2-Hexanone	10.93	43	4487	2.910 ug/L #	65
59) 1,2,3-Trichloropropane	13.56	75	19920	6.349 ug/L	93

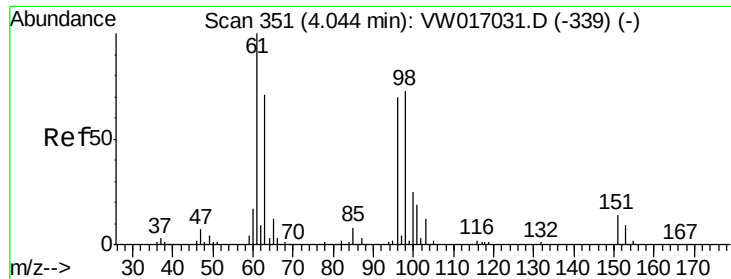
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampled :

Quant Time: Oct 31 05:49:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 31 05:42:11 2020
Response via : Initial Calibration

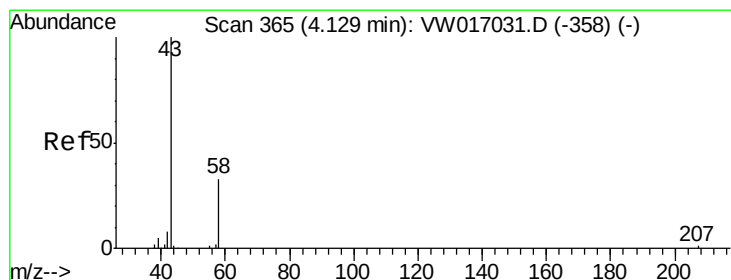
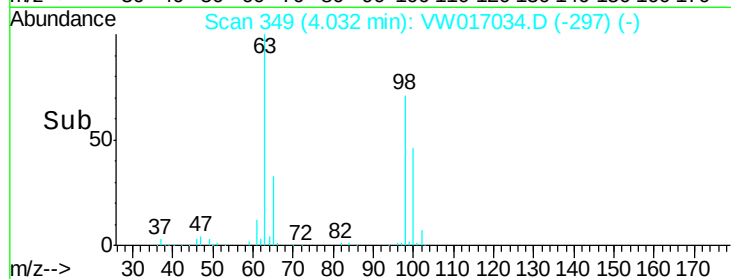
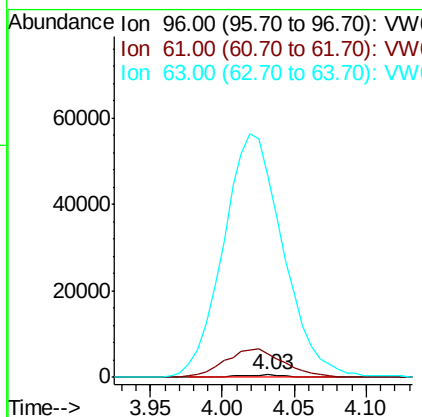
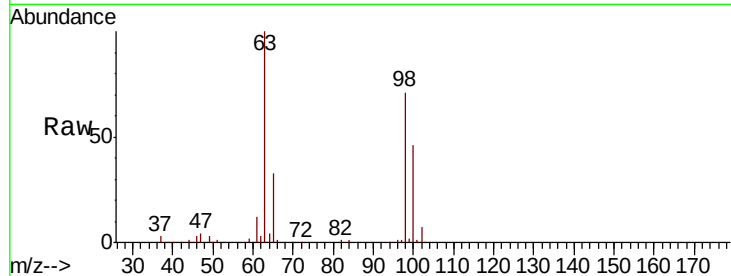




#12
 1,1-Dichloroethene
 Concen: 0.273 ug/L
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW017034.D
 Acq: 30 Oct 2020 12:21

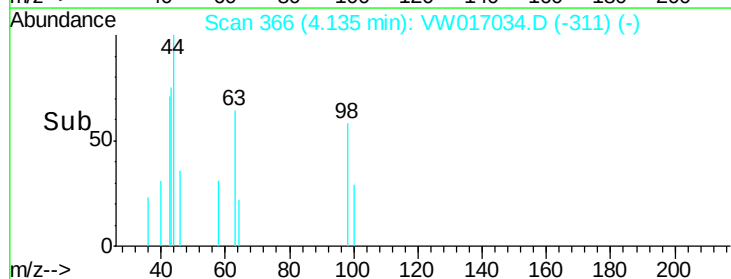
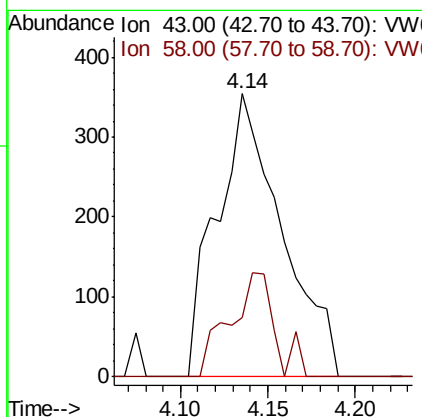
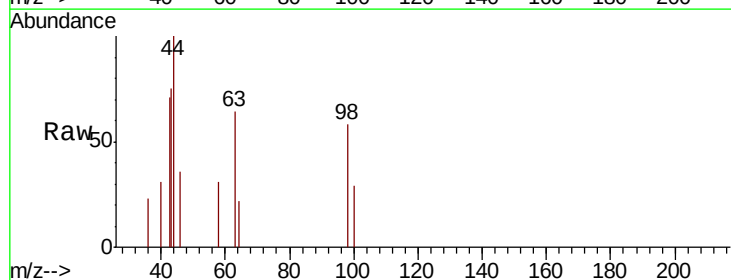
Instrument :
 MSVOA_W
 ClientSampled :

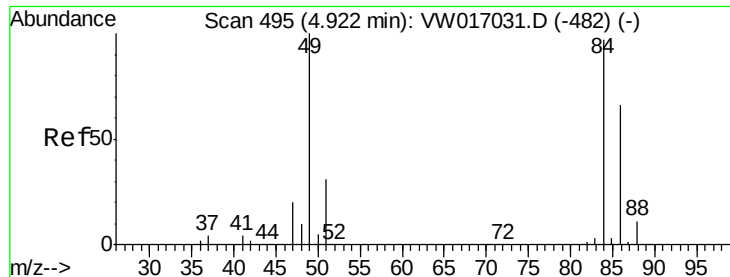
Tot Ion: 96 Resp: 1567
 Ion Ratio Lower Upper
 96 100
 61 842.7 101.4 188.4#
 63 7200.0 78.5 145.9#



#13
 Acetone
 Concen: 1.433 ug/L
 RT: 4.14 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VW017034.D
 Acq: 30 Oct 2020 12:21

Tgt Ion: 43 Resp: 921
 Ion Ratio Lower Upper
 43 100
 58 15.5 0.0 69.8

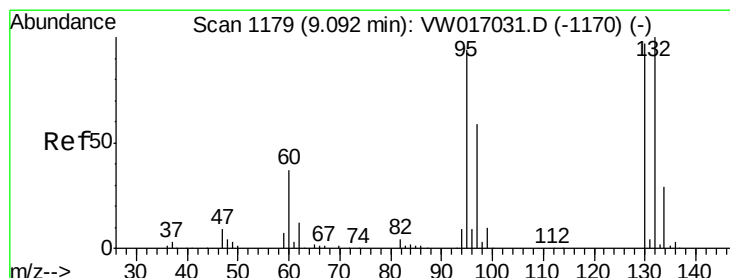
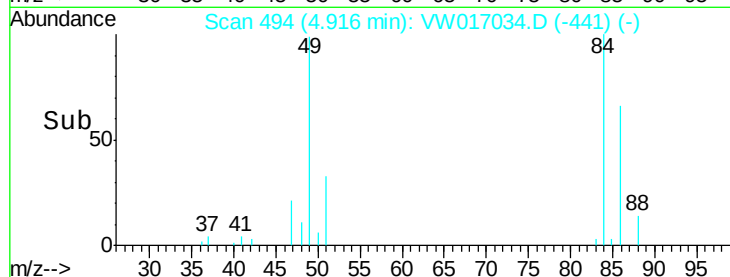
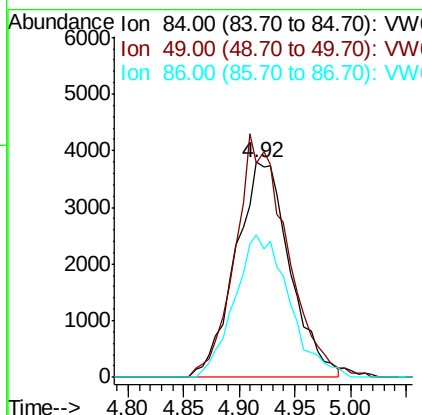
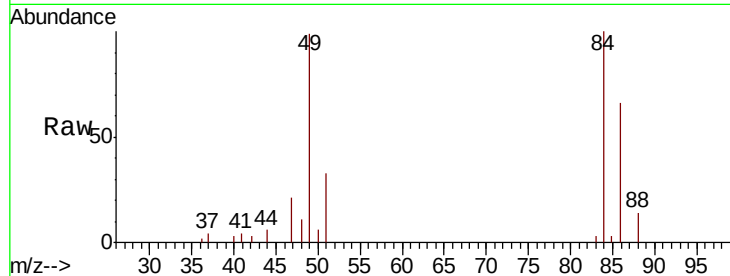




#16
Methvlene chloride
Concen: 2.217 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW017034.D
Acq: 30 Oct 2020 12:21

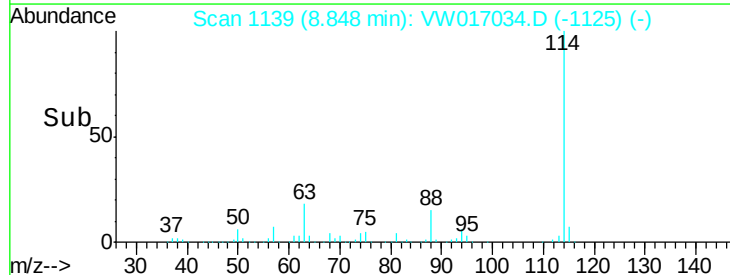
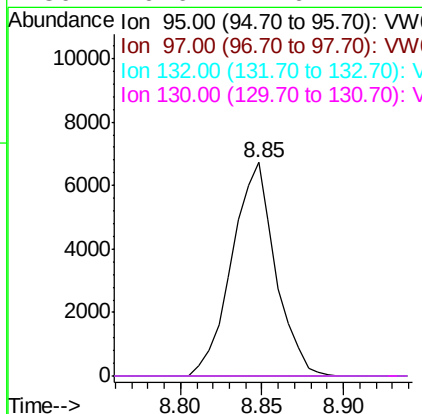
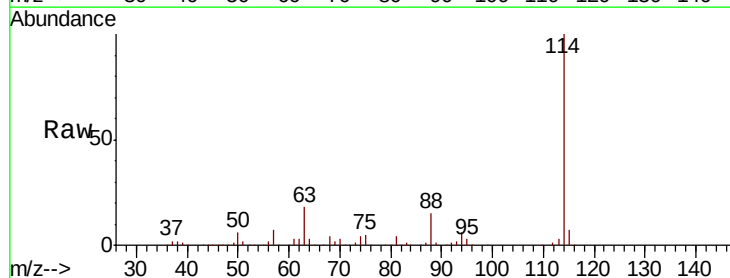
Instrument :
MSVOA_W
ClientSampled :

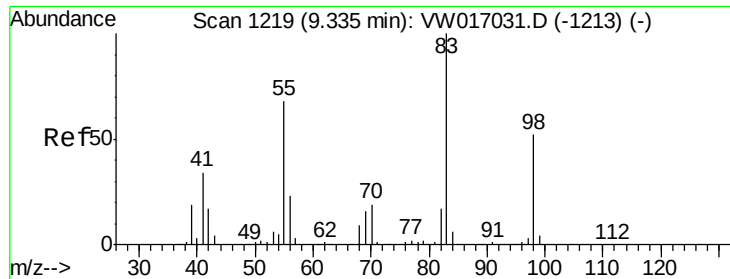
Tot Ion: 84 Resp: 12876
Ion Ratio Lower Upper
84 100
49 99.5 73.8 137.0
86 66.1 47.4 88.0



#35
Trichloroethene
Concen: 1.974 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW017034.D
Acq: 30 Oct 2020 12:21

Tgt Ion: 95 Resp: 12491
Ion Ratio Lower Upper
95 100
97 0.0 46.0 85.4#
132 0.0 73.9 137.3#
130 0.6 77.6 144.2#

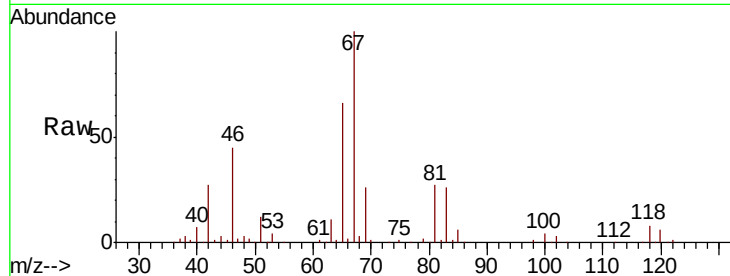




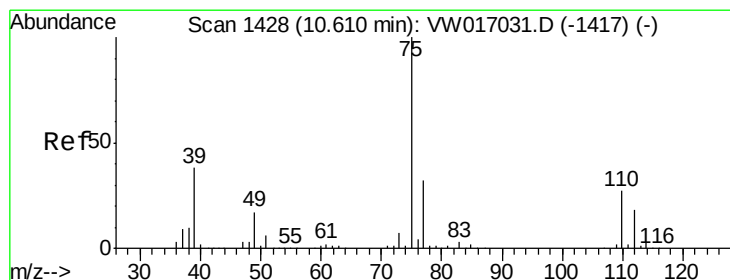
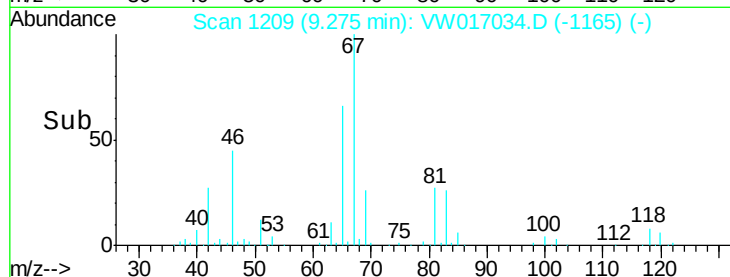
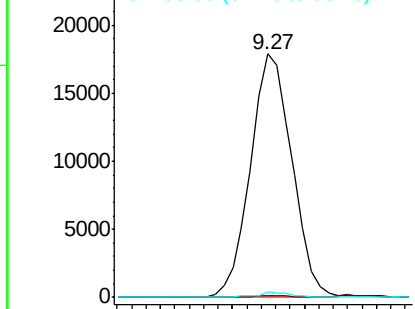
#36
Methylcyclohexane
Concen: 3.359 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW017034.D
Acq: 30 Oct 2020 12:21

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 35697
Ion Ratio Lower Upper
83 100
55 0.7 54.5 81.7#
98 1.4 40.8 61.2#

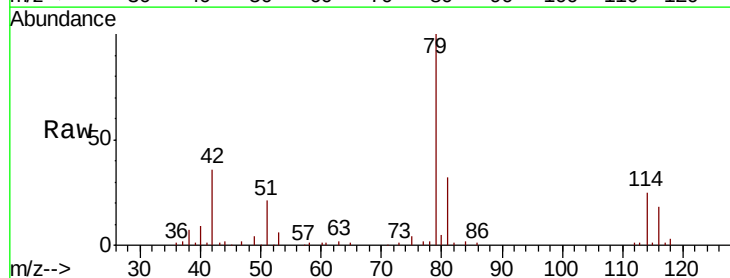


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

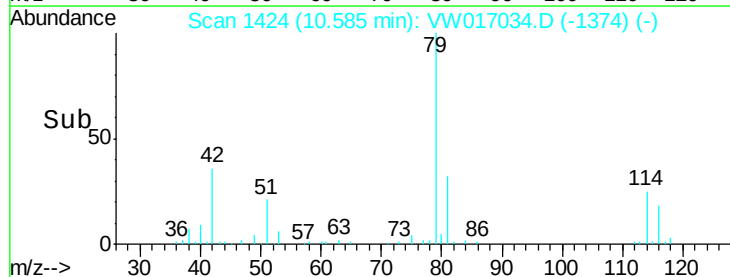
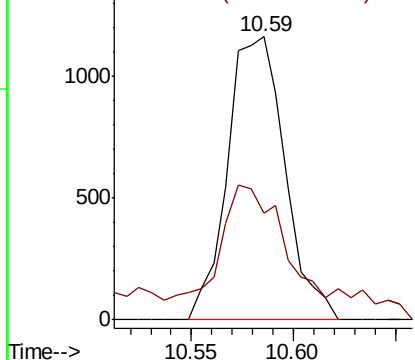


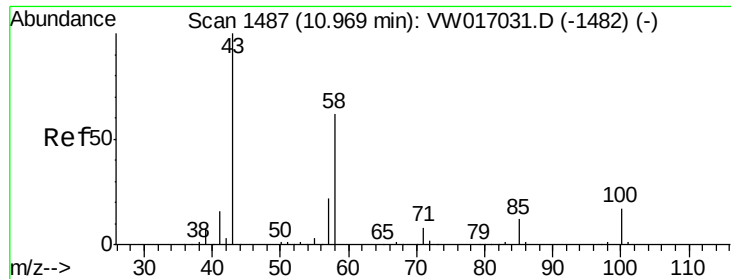
#45
trans-1,3-Dichloropropene
Concen: 0.343 ug/L
RT: 10.59 min Scan# 1424
Delta R.T. -0.02 min
Lab File: VW017034.D
Acq: 30 Oct 2020 12:21

Tgt Ion: 75 Resp: 2267
Ion Ratio Lower Upper
75 100
77 37.8 22.7 42.3



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





#49

2-Hexanone

Concen: 2.910 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017034.D

Acq: 30 Oct 2020 12:21

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 4487

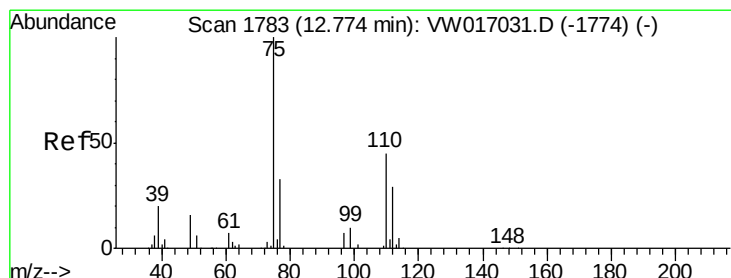
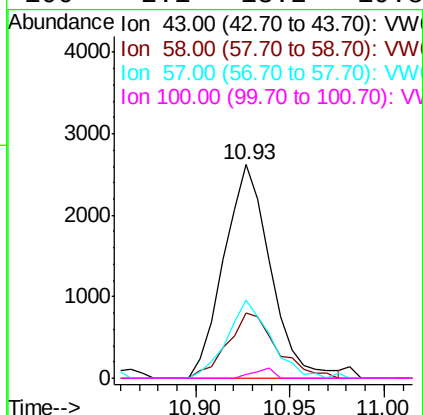
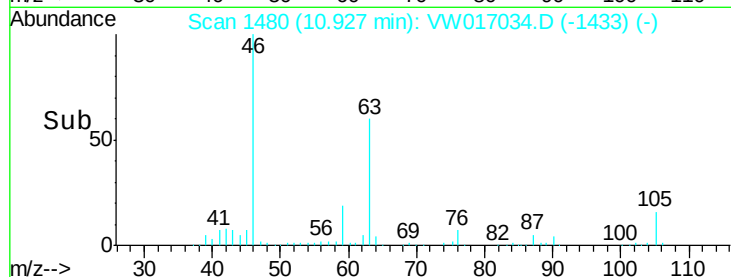
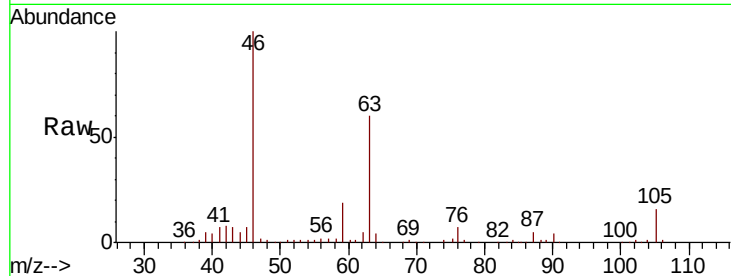
Ion Ratio Lower Upper

43 100

58 32.4 49.2 73.8#

57 33.9 17.0 25.4#

100 2.1 13.2 19.8#



#59

1,2,3-Trichloropropane

Concen: 6.349 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017034.D

Acq: 30 Oct 2020 12:21

Tgt Ion: 75 Resp: 19920

Ion Ratio Lower Upper

75 100

77 36.0 25.8 38.8

