

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111320\
 Data File : VW017220.D
 Acq On : 13 Nov 2020 18:10
 Operator : SY/VA
 Sample : L4710-01
 Misc : 5.63G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AW4

Quant Time: Nov 16 14:17:26 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	377421	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	285208	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	84798	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	112580	23.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.72%
7) Chloroethane-d5	2.89	69	96821	26.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.72%
10) 1,1-Dichloroethene-d2	4.02	63	155407	18.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.12%
20) 2-Butanone-d5	7.09	46	26021	24.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	48.96%
24) Chloroform-d	7.65	84	232840	26.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.72%
26) 1,2-Dichloroethane-d4	8.40	65	108	0.02	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.28	84	431384	29.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.80%
33) 1,2-Dichloropropane-d6	9.27	67	125099	31.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.56%#
37) Toluene-d8	10.33	98	367305	26.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.28%
38) trans-1,3-Dichloropropene-	10.58	79	37225	20.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.20%
39) 2-Hexanone-d5	10.93	63	20924	29.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75881	21.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	73085	24.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.84%

Target Compounds

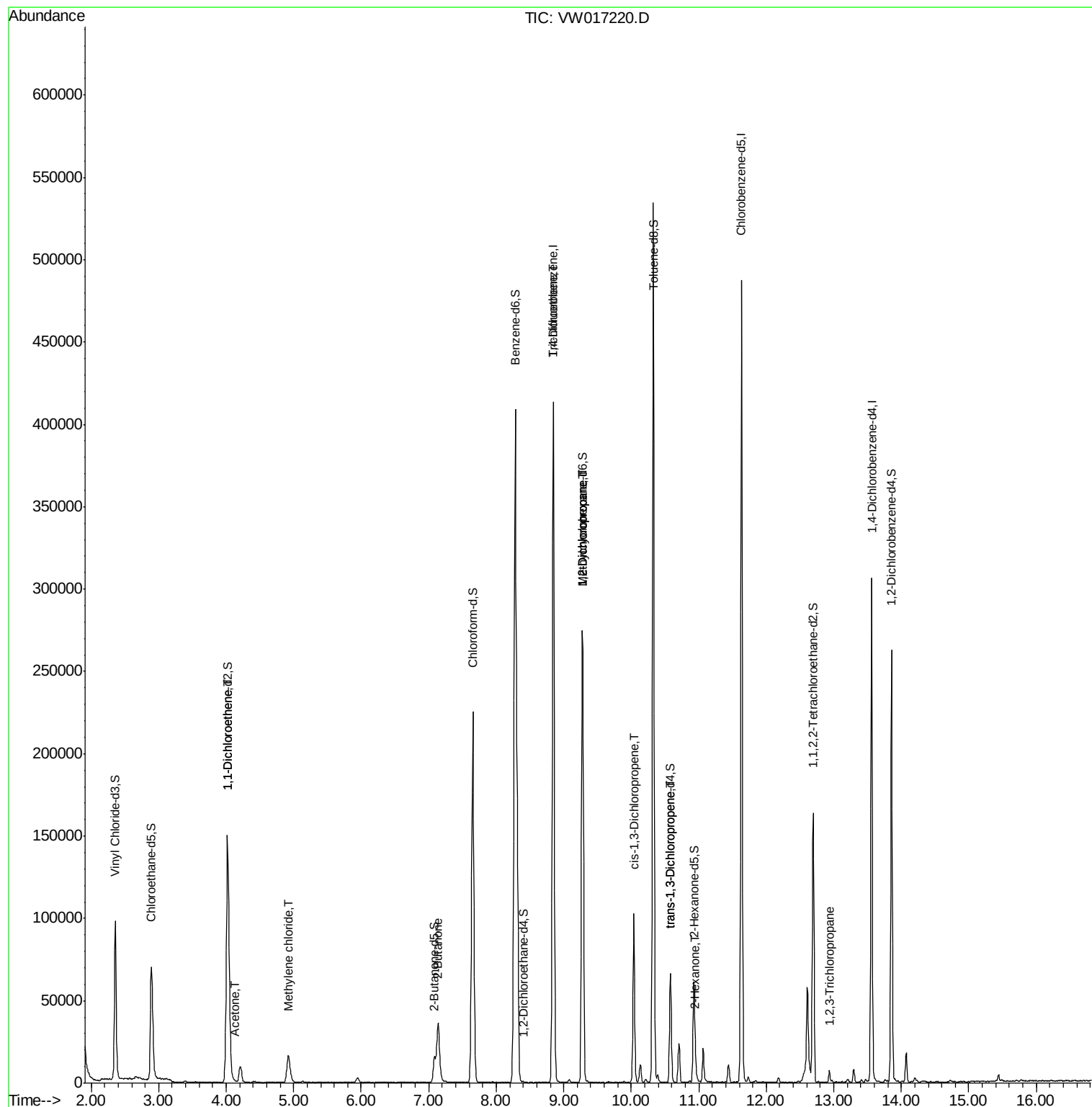
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.01	96	1290	0.275	ug/L #	1
13) Acetone	4.14	43	1158	1.627	ug/L	58
16) Methylene chloride	4.92	84	15007	2.949	ug/L	89
21) 2-Butanone	7.15	43	6852	5.995	ug/L #	45
35) Trichloroethene	8.84	95	11150	2.658	ug/L #	2
36) Methylcyclohexane	9.27	83	32633	4.834	ug/L #	22
40) 1,2-Dichloropropane	9.27	63	14581	4.165	ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	2967	0.535	ug/L #	67
45) trans-1,3-Dichloropropene	10.58	75	1925	0.404	ug/L #	75
49) 2-Hexanone	10.96	43	3642	2.797	ug/L #	34
59) 1,2,3-Trichloropropane	12.93	75	673	0.269	ug/L #	66

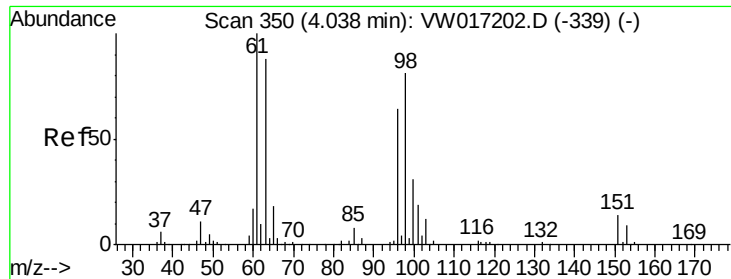
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Nov 16 11:48:24 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.275 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.02 min

Lab File: VW017220.D

Acq: 13 Nov 2020 18:10

Instrument :

MSVOA_W

ClientSampled :

C0AW4

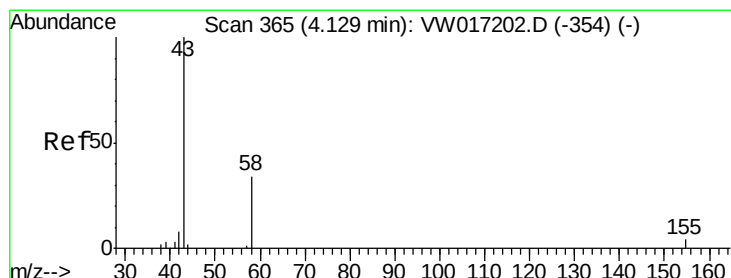
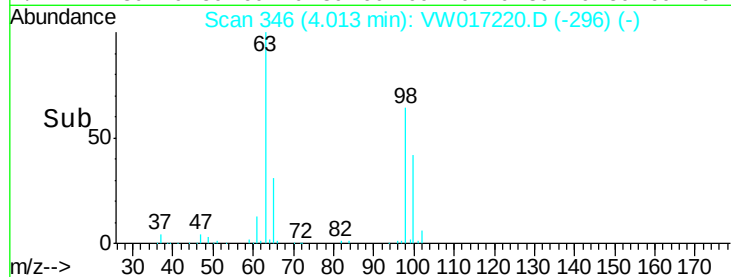
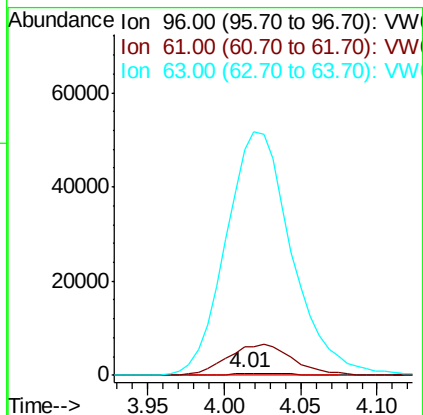
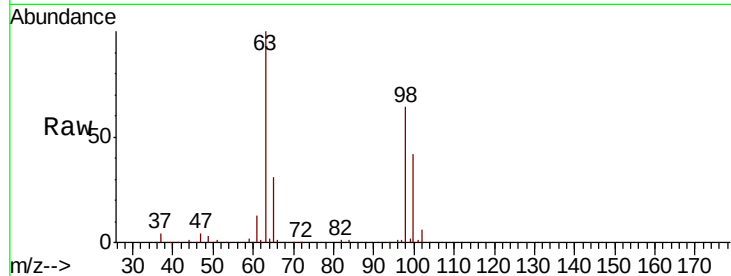
Tot Ion: 96 Resp: 1290

Ion Ratio Lower Upper

96 100

61 1394.3 103.8 192.8#

63 10883.6 84.4 156.7#



#13

Acetone

Concen: 1.627 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017220.D

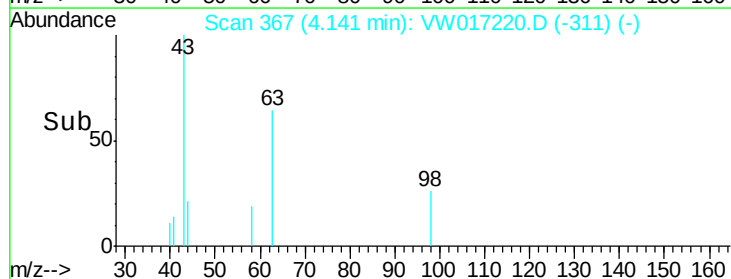
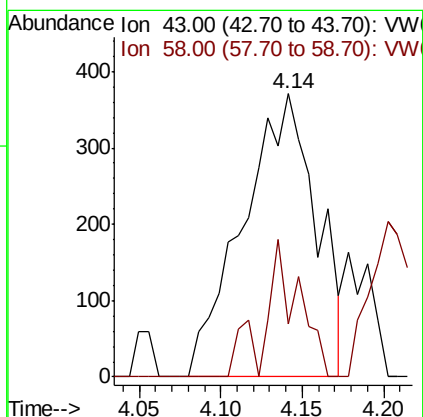
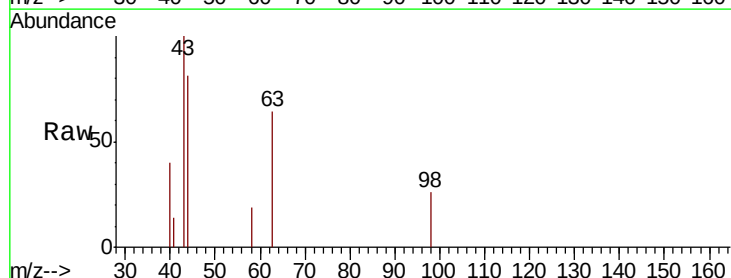
Acq: 13 Nov 2020 18:10

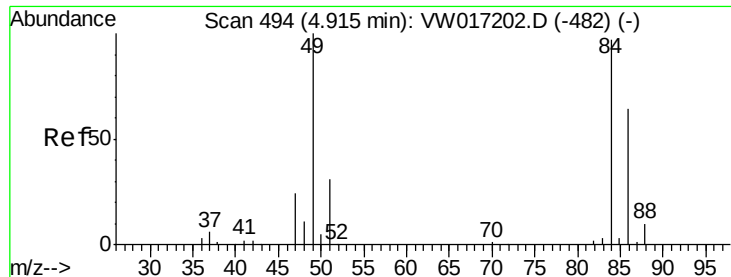
Tgt Ion: 43 Resp: 1158

Ion Ratio Lower Upper

43 100

58 10.2 0.0 69.2

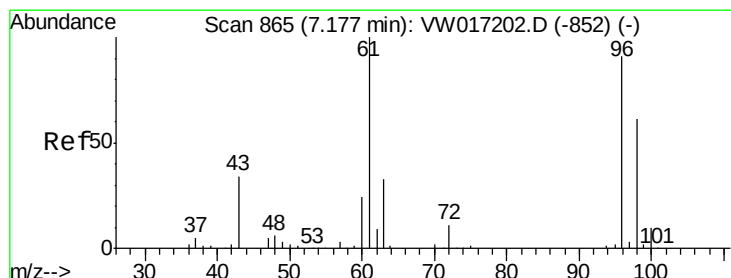
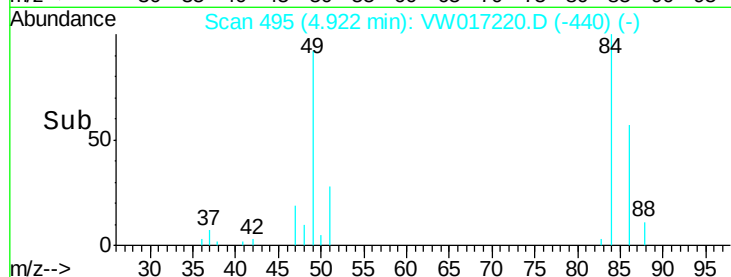
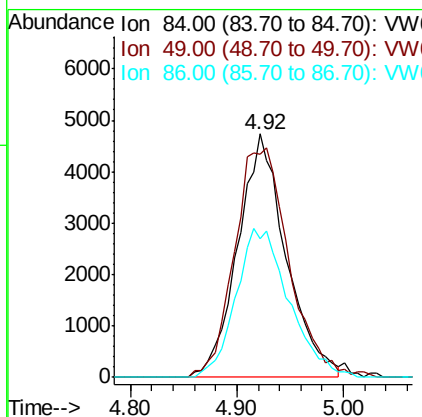
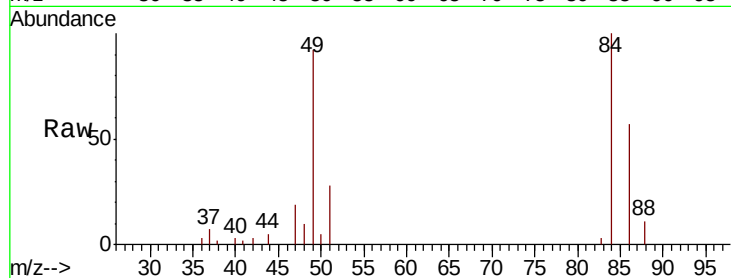




#16
Methylene chloride
Concen: 2.949 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017220.D
Acq: 13 Nov 2020 18:10

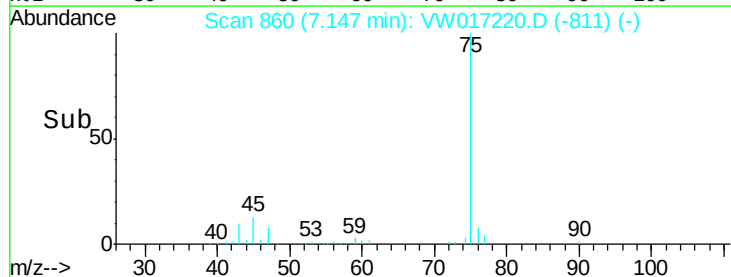
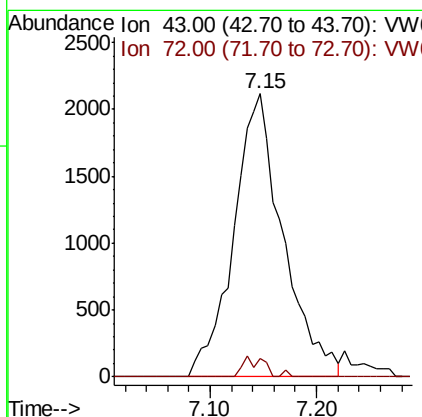
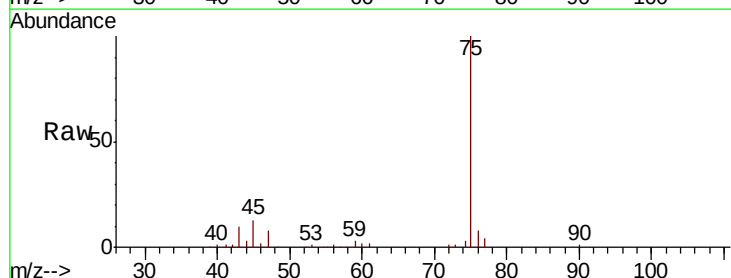
Instrument :
MSVOA_W
ClientSampled :
C0AW4

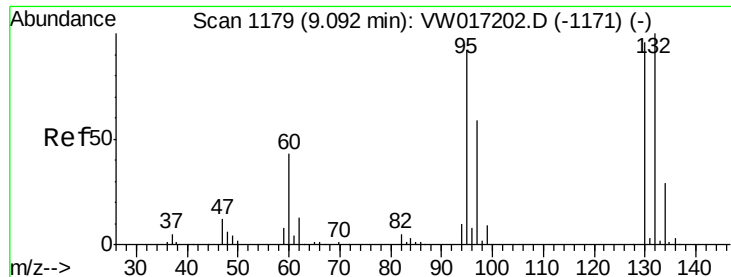
Tot Ion: 84 Resp: 15007
Ion Ratio Lower Upper
84 100
49 91.6 72.3 134.3
86 57.1 45.1 83.7



#21
2-Butanone
Concen: 5.995 ug/L
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: VW017220.D
Acq: 13 Nov 2020 18:10

Tgt Ion: 43 Resp: 6852
Ion Ratio Lower Upper
43 100
72 1.3 16.1 48.3#





#35

Trichloroethene

Concen: 2.658 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017220.D

Acq: 13 Nov 2020 18:10

Instrument :

MSVOA_W

ClientSampleId :

C0AW4

Tot Ion: 95 Resp: 11150

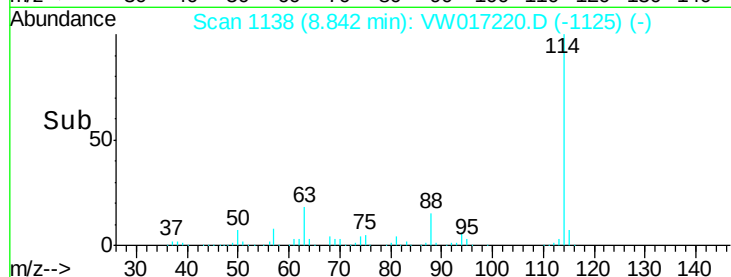
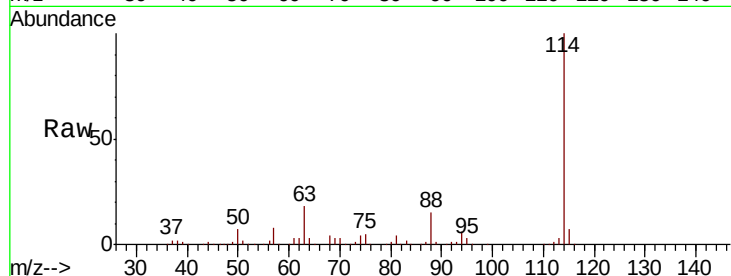
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.0 73.7 136.9#

130 0.0 77.1 143.1#

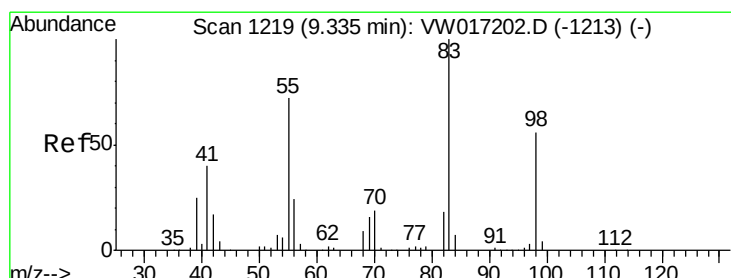
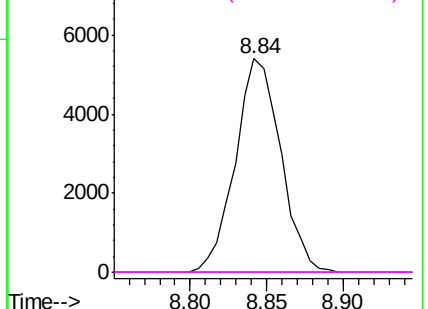


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 4.834 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW017220.D

Acq: 13 Nov 2020 18:10

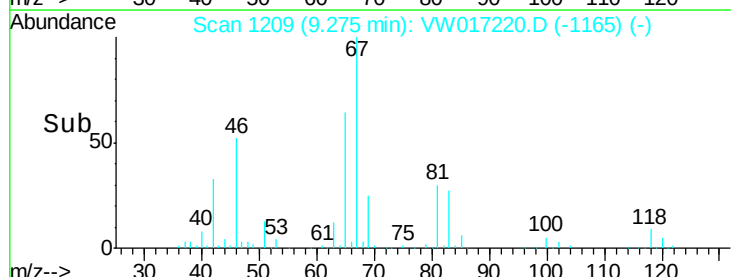
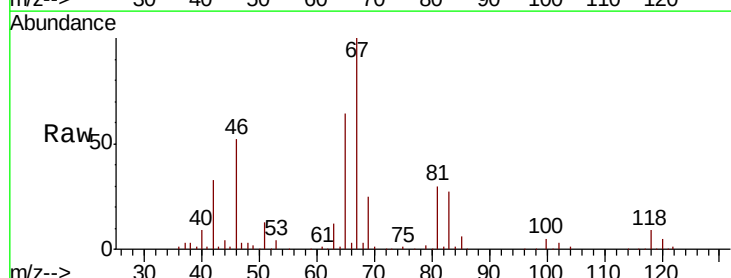
Tgt Ion: 83 Resp: 32633

Ion Ratio Lower Upper

83 100

55 0.5 54.4 81.6#

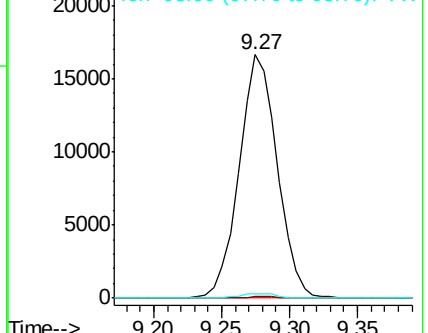
98 1.9 40.5 60.7#

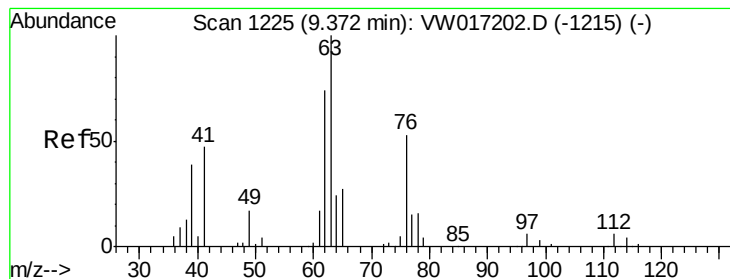


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

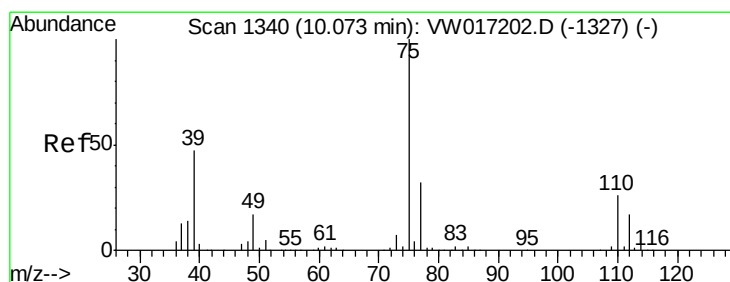
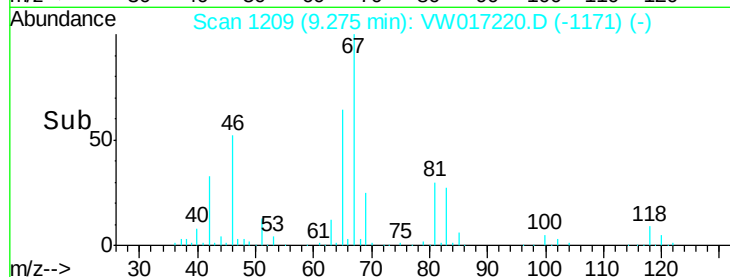
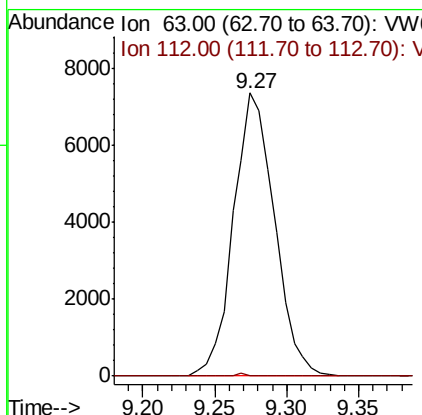
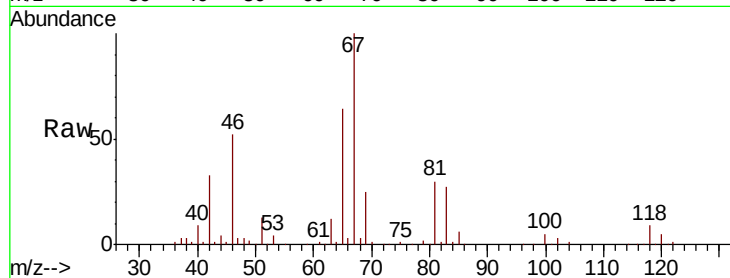




#40
 1,2-Dichloropropane
 Concen: 4.165 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW017220.D
 Acq: 13 Nov 2020 18:10

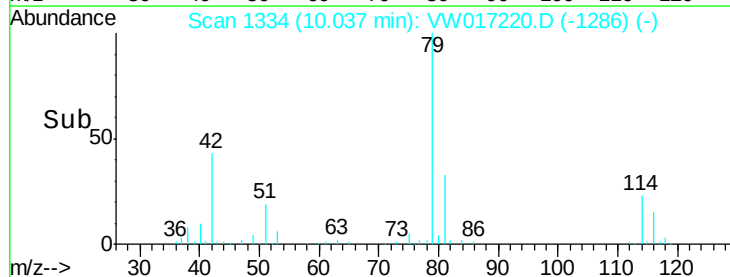
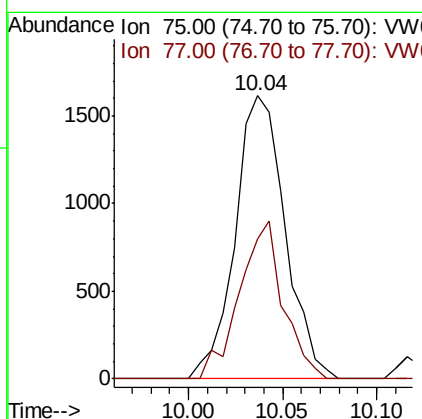
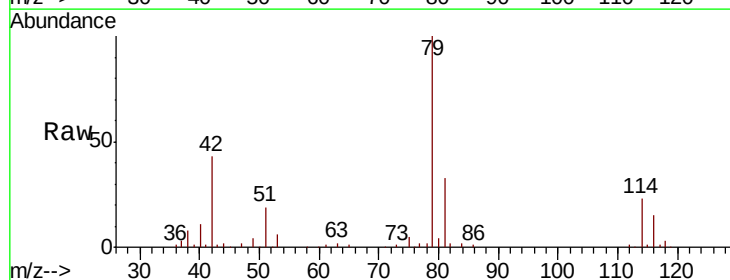
Instrument :
 MSVOA_W
 ClientSampled :
 C0AW4

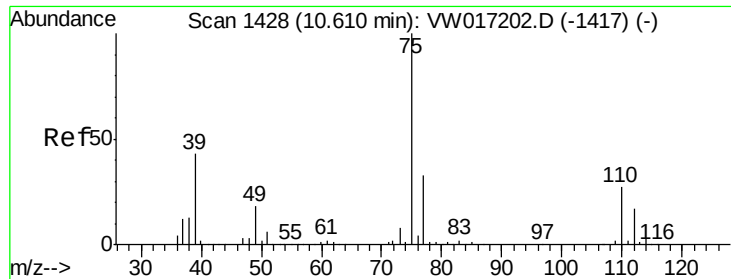
Tot Ion: 63 Resp: 14581
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.2#



#42
 cis-1,3-Dichloropropene
 Concen: 0.535 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017220.D
 Acq: 13 Nov 2020 18:10

Tgt Ion: 75 Resp: 2967
 Ion Ratio Lower Upper
 75 100
 77 49.5 22.0 41.0#





#45

trans-1,3-Dichloropropene

Concen: 0.404 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017220.D

Acq: 13 Nov 2020 18:10

Instrument :

MSVOA_W

ClientSampleId :

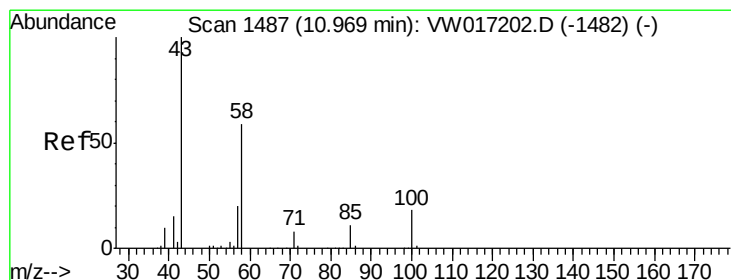
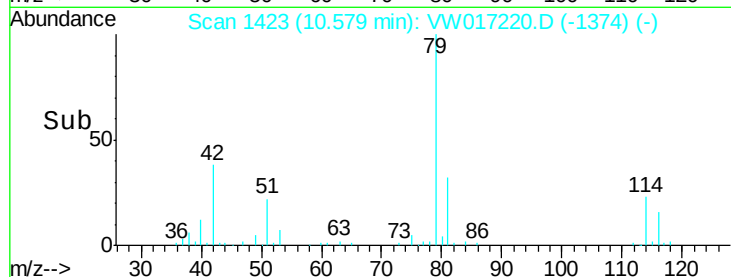
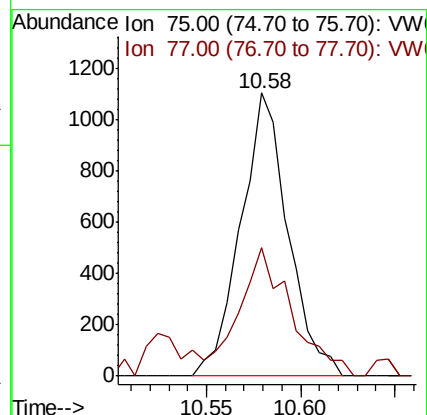
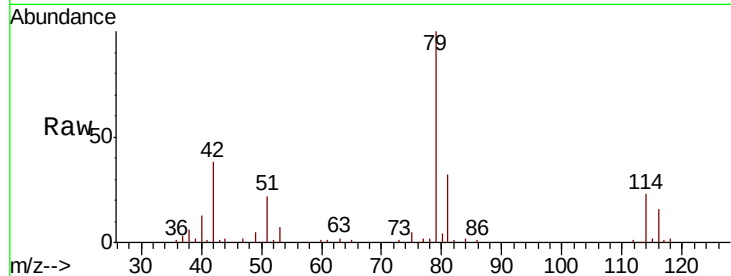
C0AW4

Tot Ion: 75 Resp: 1925

Ion Ratio Lower Upper

75 100

77 45.5 22.1 41.1#



#49

2-Hexanone

Concen: 2.797 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW017220.D

Acq: 13 Nov 2020 18:10

Tgt Ion: 43 Resp: 3642

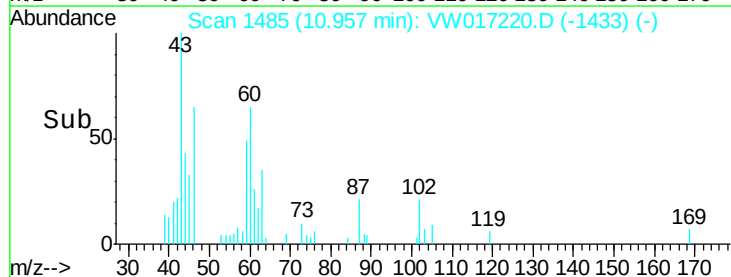
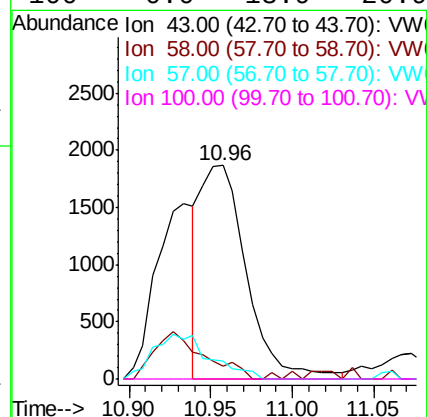
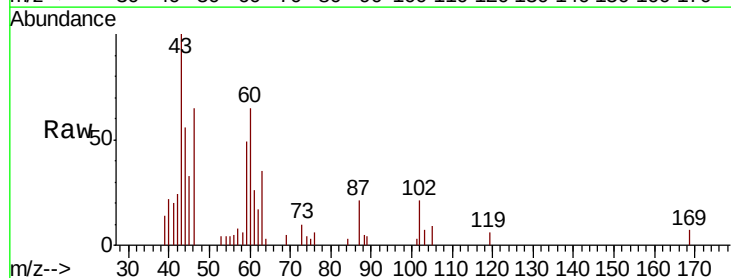
Ion Ratio Lower Upper

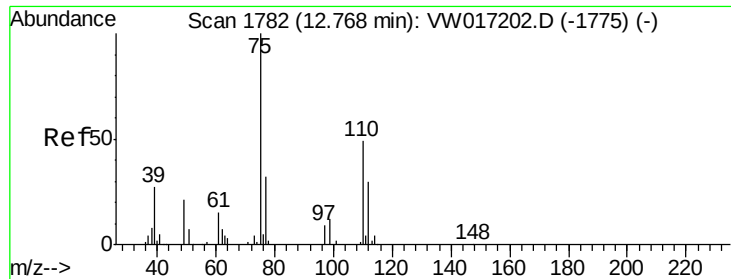
43 100

58 0.6 50.6 75.8#

57 0.0 17.8 26.6#

100 0.0 13.9 20.9#





#59

1,2,3-Trichloropropane

Concen: 0.269 ug/L

RT: 12.93 min Scan# 1809

Delta R.T. 0.16 min

Lab File: VW017220.D

Acq: 13 Nov 2020 18:10

Instrument :

MSVOA_W

ClientSampleId :

C0AW4

Tot Ion: 75 Resp: 673

Ion Ratio Lower Upper

75 100

77 14.0 26.4 39.6#

