

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111320\
 Data File : VW017213.D
 Acq On : 13 Nov 2020 15:26
 Operator : SY/VA
 Sample : L4710-03
 Misc : 4.72G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AW8

Quant Time: Nov 16 14:16:24 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	8.84	114	422789	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	303507	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	78496	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	123188	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.52%
7) Chloroethane-d5	2.89	69	104415	25.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.76%
10) 1,1-Dichloroethene-d2	4.02	63	179039	18.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.20%
20) 2-Butanone-d5	7.08	46	30252	25.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.80%
24) Chloroform-d	7.65	84	250281	25.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.44%
26) 1,2-Dichloroethane-d4	8.31	65	120806	24.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.48%
29) Benzene-d6	8.27	84	484917	31.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	125.48%
33) 1,2-Dichloropropane-d6	9.27	67	130620	30.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.20%#
37) Toluene-d8	10.33	98	425088	29.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.68%
38) trans-1,3-Dichloropropene-	10.58	79	42939	22.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.12%
39) 2-Hexanone-d5	10.93	63	22807	30.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	69747	18.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	66345	23.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.96%

Target Compounds

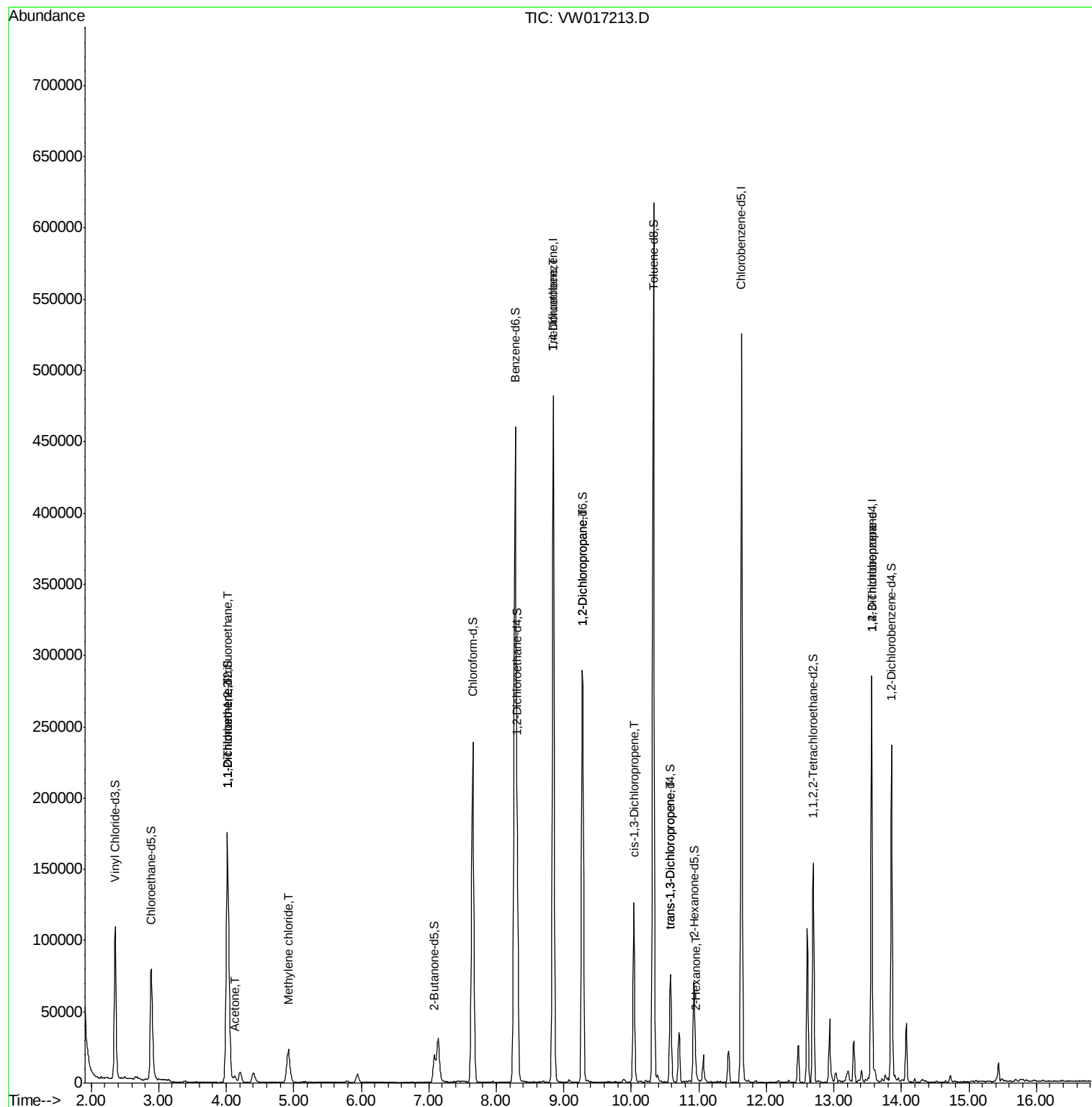
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1885	0.345	ug/L #	17
12) 1,1-Dichloroethene	4.03	96	1772	0.338	ug/L #	1
13) Acetone	4.12	43	6843	8.582	ug/L	75
16) Methylene chloride	4.92	84	20877	3.663	ug/L	96
35) Trichloroethene	8.84	95	12671	2.838	ug/L #	2
40) 1,2-Dichloropropane	9.27	63	15807	4.243	ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	3543	0.600	ug/L #	75
45) trans-1,3-Dichloropropene	10.58	75	2048	0.404	ug/L	98
49) 2-Hexanone	10.96	43	3125	2.255	ug/L #	35
59) 1,2,3-Trichloropropane	13.56	75	8616	3.230	ug/L	89

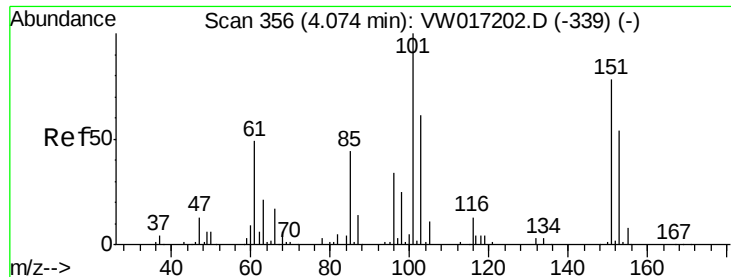
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.345 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.06 min

Lab File: VW017213.D

Acq: 13 Nov 2020 15:26

Instrument :

MSVOA_W

ClientSampleId :

C0AW8

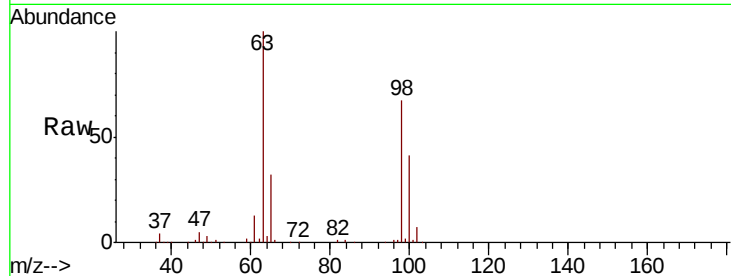
Tot Ion: 101 Resp: 1885

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

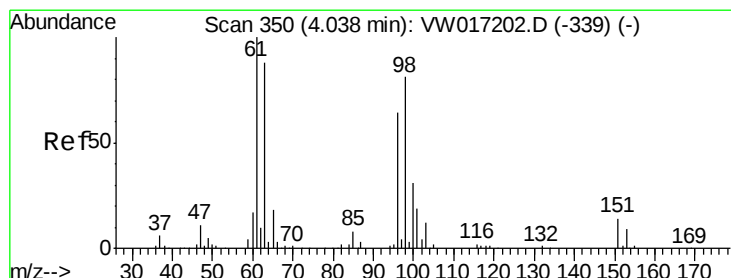
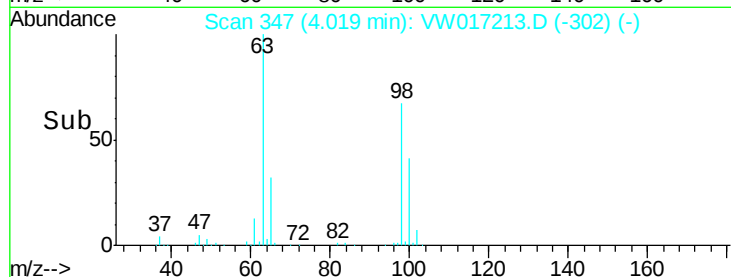
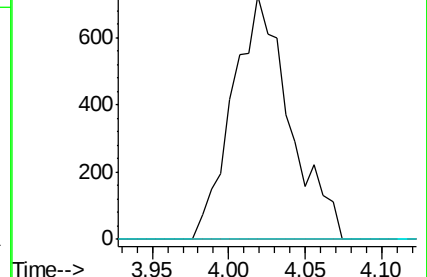
151 0.0 65.4 98.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.338 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.01 min

Lab File: VW017213.D

Acq: 13 Nov 2020 15:26

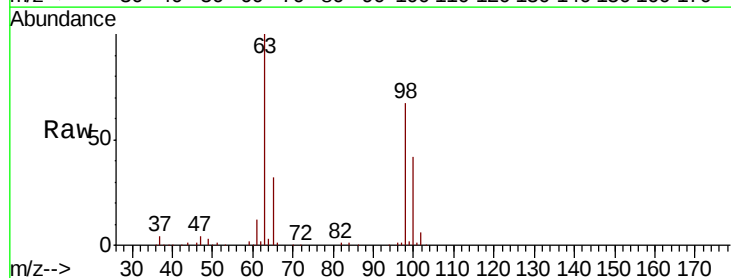
Tgt Ion: 96 Resp: 1772

Ion Ratio Lower Upper

96 100

61 977.4 103.8 192.8#

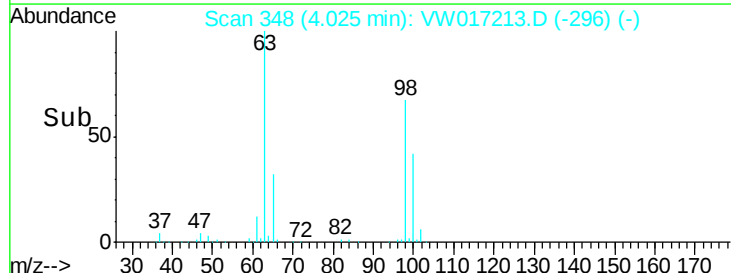
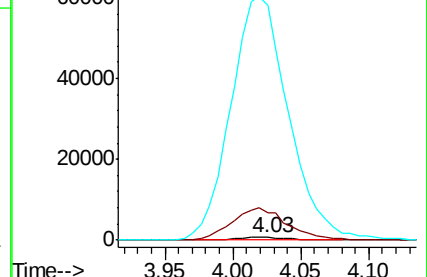
63 8270.8 84.4 156.7#

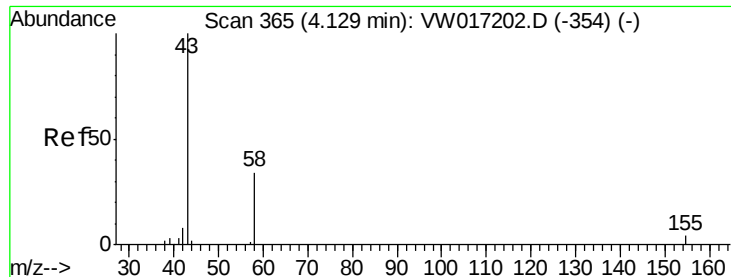


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 8.582 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017213.D

Acq: 13 Nov 2020 15:26

Instrument :

MSVOA_W

ClientSampled :

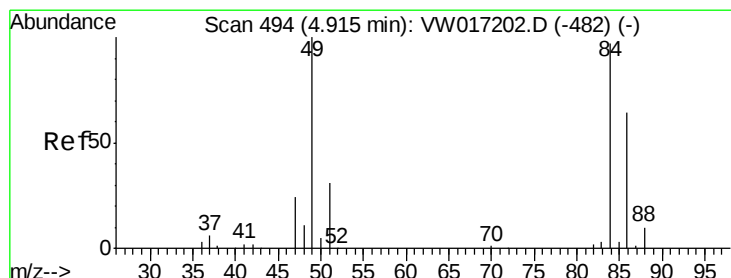
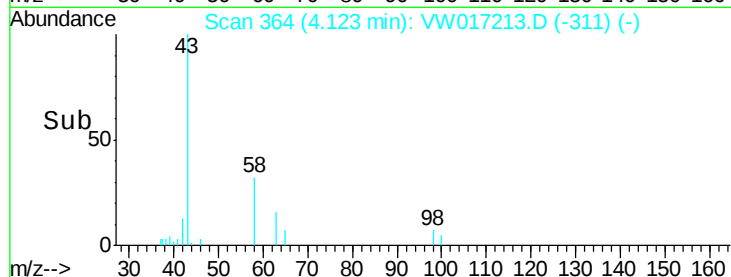
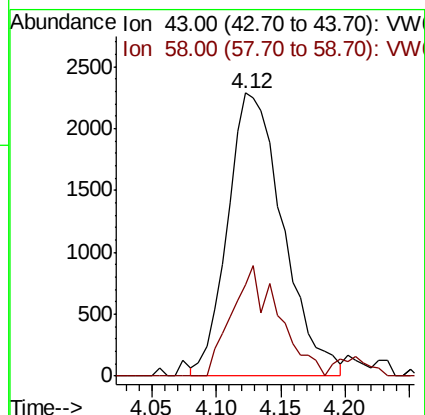
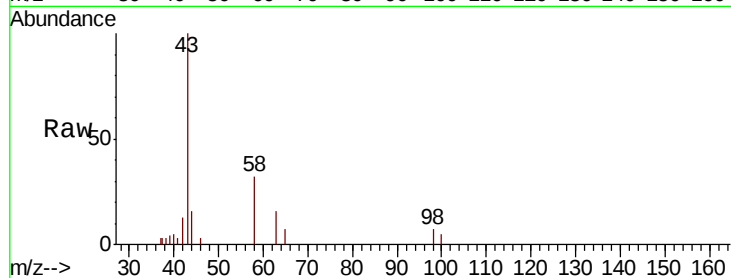
C0AW8

Tot Ion: 43 Resp: 6843

Ion Ratio Lower Upper

43 100

58 20.4 0.0 69.2



#16

Methylene chloride

Concen: 3.663 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017213.D

Acq: 13 Nov 2020 15:26

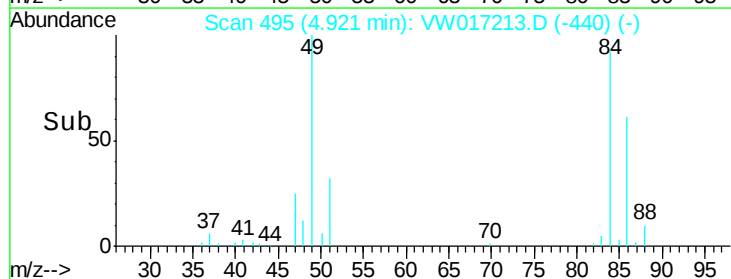
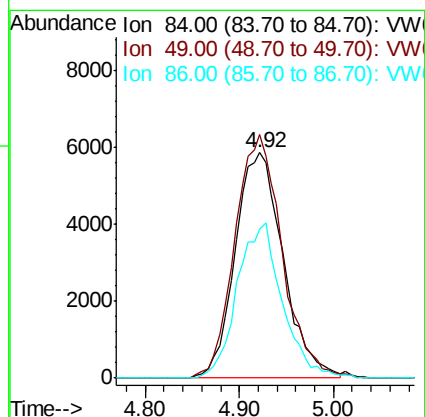
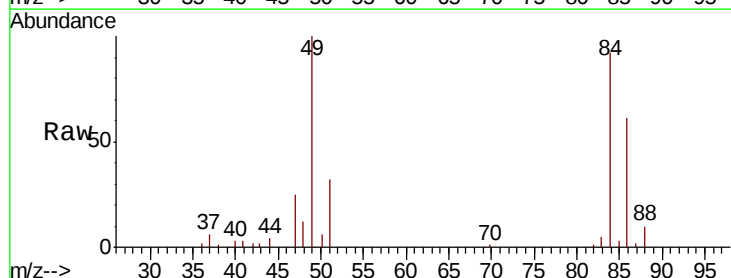
Tgt Ion: 84 Resp: 20877

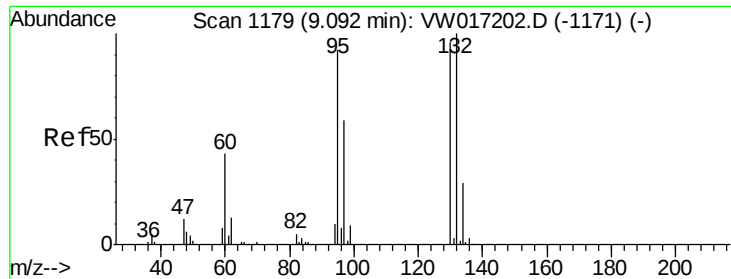
Ion Ratio Lower Upper

84 100

49 108.1 72.3 134.3

86 66.2 45.1 83.7

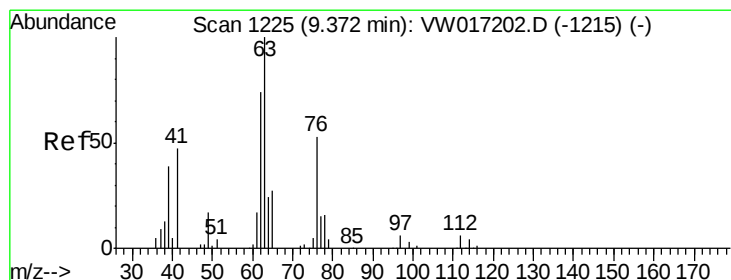
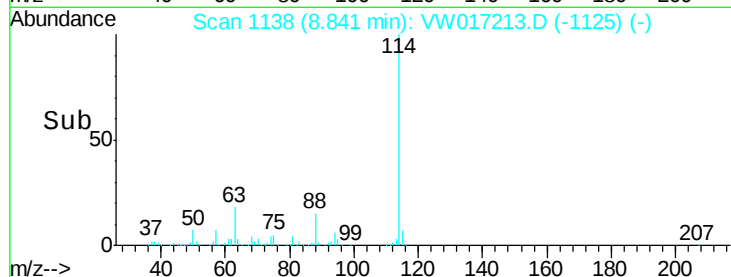
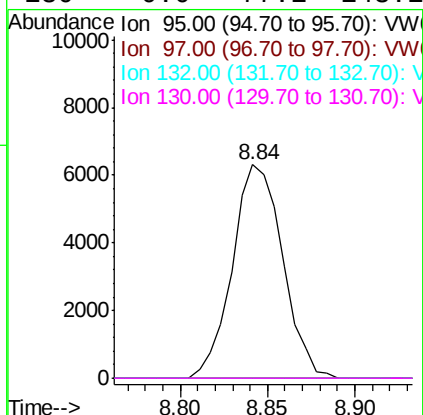
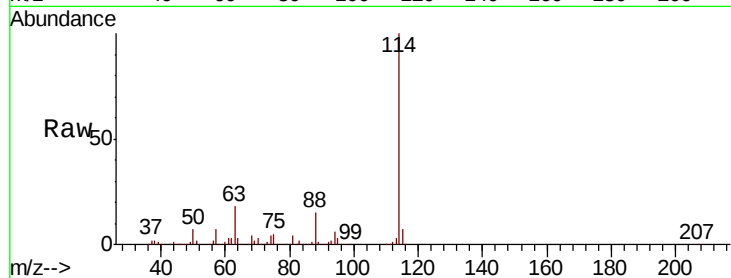




#35
 Trichloroethene
 Concen: 2.838 ug/L
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.25 min
 Lab File: VW017213.D
 Acq: 13 Nov 2020 15:26

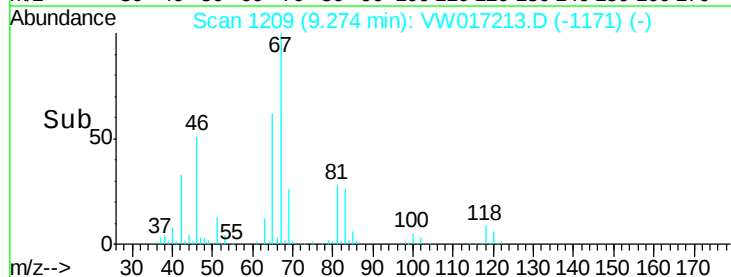
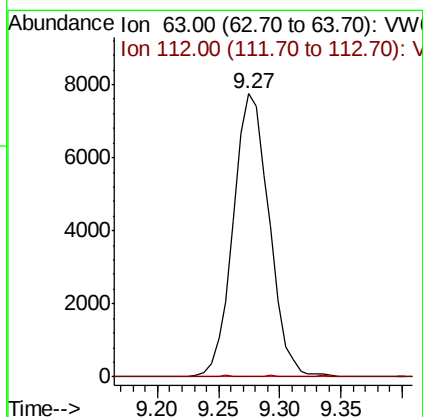
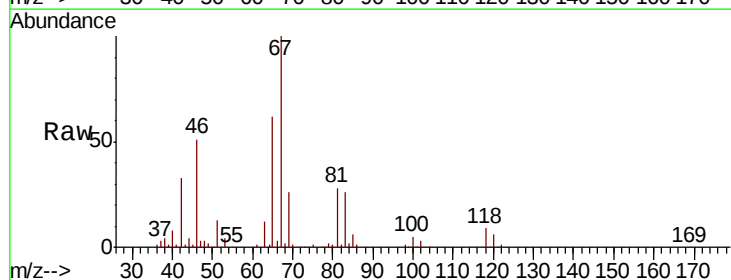
Instrument :
 MSVOA_W
 ClientSampleId :
 C0AW8

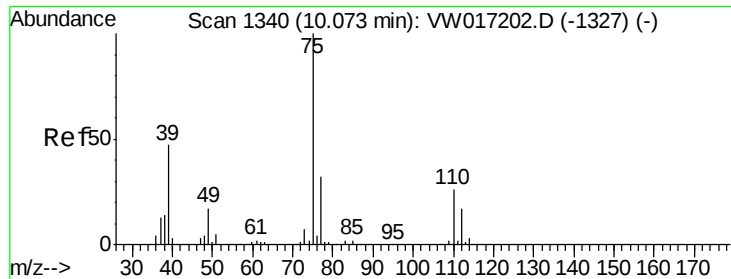
Tot Ion: 95 Resp: 12671
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.0 83.6#
 132 0.0 73.7 136.9#
 130 0.0 77.1 143.1#



#40
 1,2-Dichloropropane
 Concen: 4.243 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW017213.D
 Acq: 13 Nov 2020 15:26

Tgt Ion: 63 Resp: 15807
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.2#





#42

cis-1,3-Dichloropropene

Concen: 0.600 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017213.D

Acq: 13 Nov 2020 15:26

Instrument :

MSVOA_W

ClientSampled :

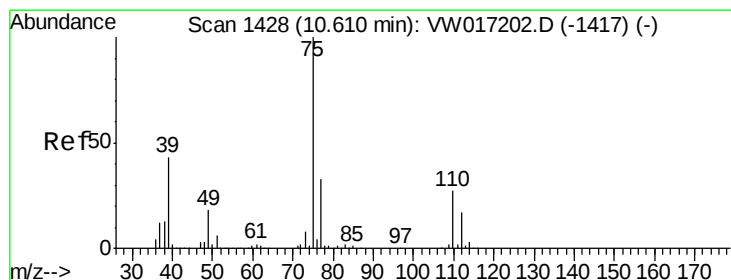
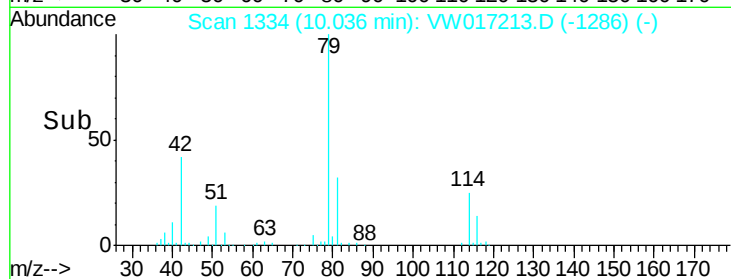
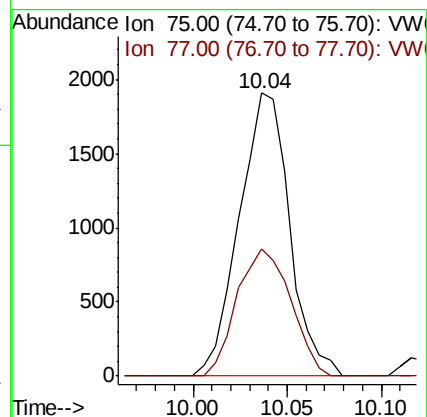
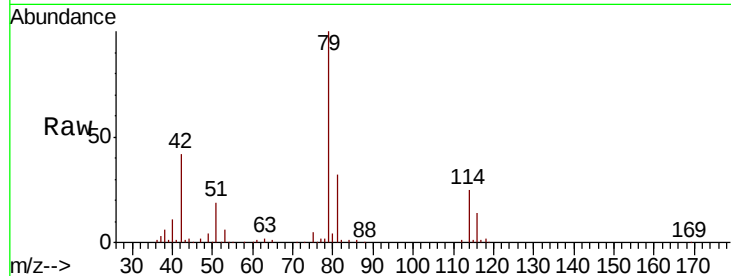
C0AW8

Tot Ion: 75 Resp: 3543

Ion Ratio Lower Upper

75 100

77 45.1 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: VW017213.D

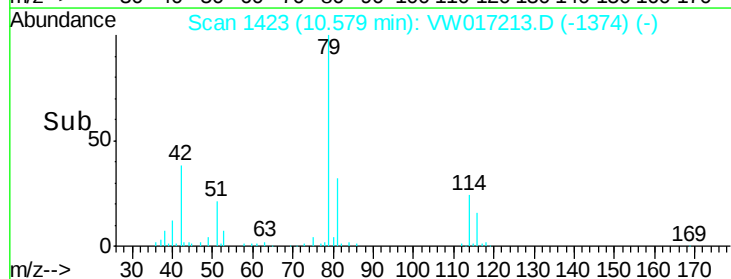
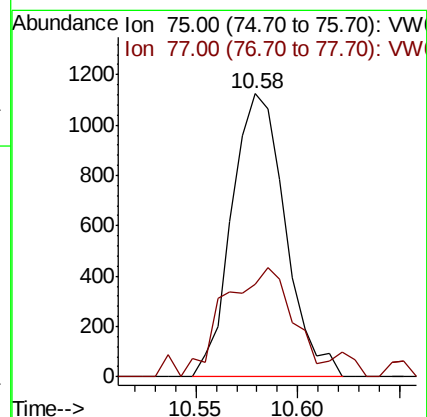
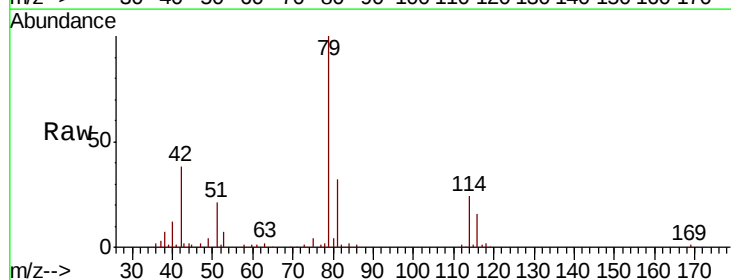
Acq: 13 Nov 2020 15:26

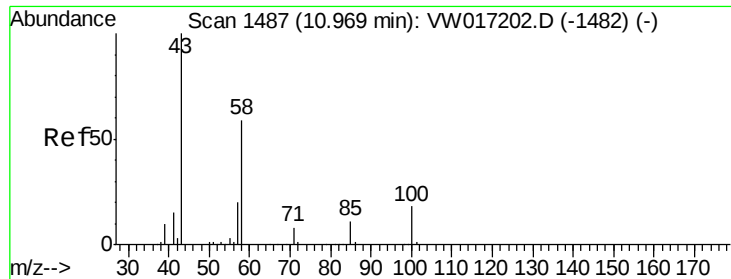
Tgt Ion: 75 Resp: 2048

Ion Ratio Lower Upper

75 100

77 32.9 22.1 41.1





#49

2-Hexanone

Concen: 2.255 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW017213.D

Acq: 13 Nov 2020 15:26

Instrument :

MSVOA_W

ClientSampled :

C0AW8

Tot Ion: 43 Resp: 3125

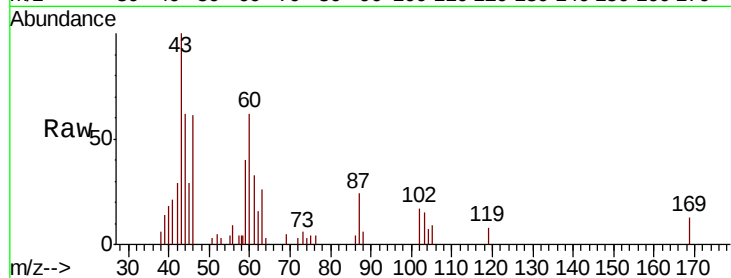
Ion Ratio Lower Upper

43 100

58 1.2 50.6 75.8#

57 1.0 17.8 26.6#

100 0.0 13.9 20.9#

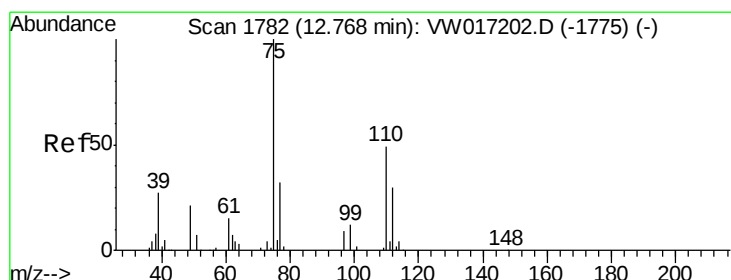
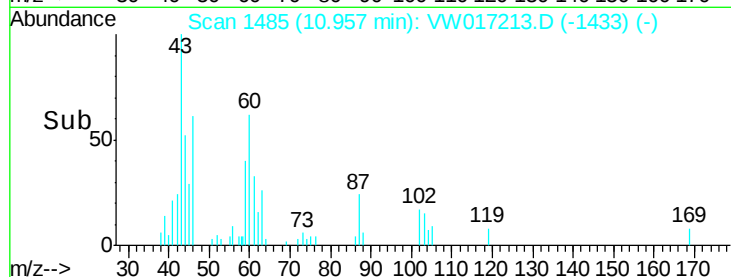
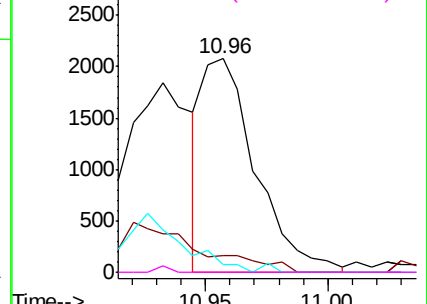


Abundance Ion 43.00 (42.70 to 43.70): VW

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



#59

1,2,3-Trichloropropane

Concen: 3.230 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017213.D

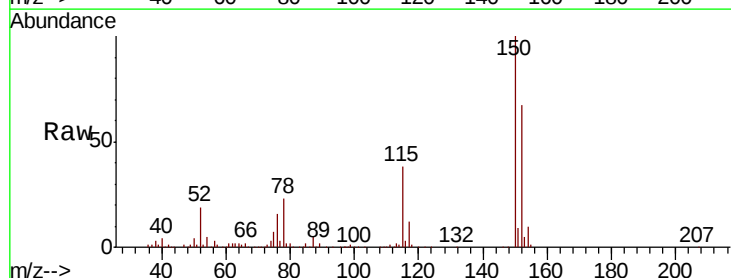
Acq: 13 Nov 2020 15:26

Tgt Ion: 75 Resp: 8616

Ion Ratio Lower Upper

75 100

77 39.3 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

