

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011221\
 Data File : VW017841.D
 Acq On : 12 Jan 2021 17:26
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 13 03:23:24 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 21:58:14 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	345043	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	314912	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	155991	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	126821	23.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.00%
7) Chloroethane-d5	2.89	69	113788	25.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.32%
10) 1,1-Dichloroethene-d2	4.02	63	172961	18.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.40%
20) 2-Butanone-d5	7.08	46	55982	64.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.40%
24) Chloroform-d	7.65	84	215802	23.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.72%
26) 1,2-Dichloroethane-d4	8.31	65	128273	27.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.96%
29) Benzene-d6	8.27	84	432878	24.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.60%
33) 1,2-Dichloropropane-d6	9.27	67	123860	25.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.32%
37) Toluene-d8	10.32	98	400697	23.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.08%
38) trans-1,3-Dichloropropene-	10.58	79	53973	24.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.04%
39) 2-Hexanone-d5	10.93	63	39555	64.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98694	27.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	124317	22.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.56%

Target Compounds

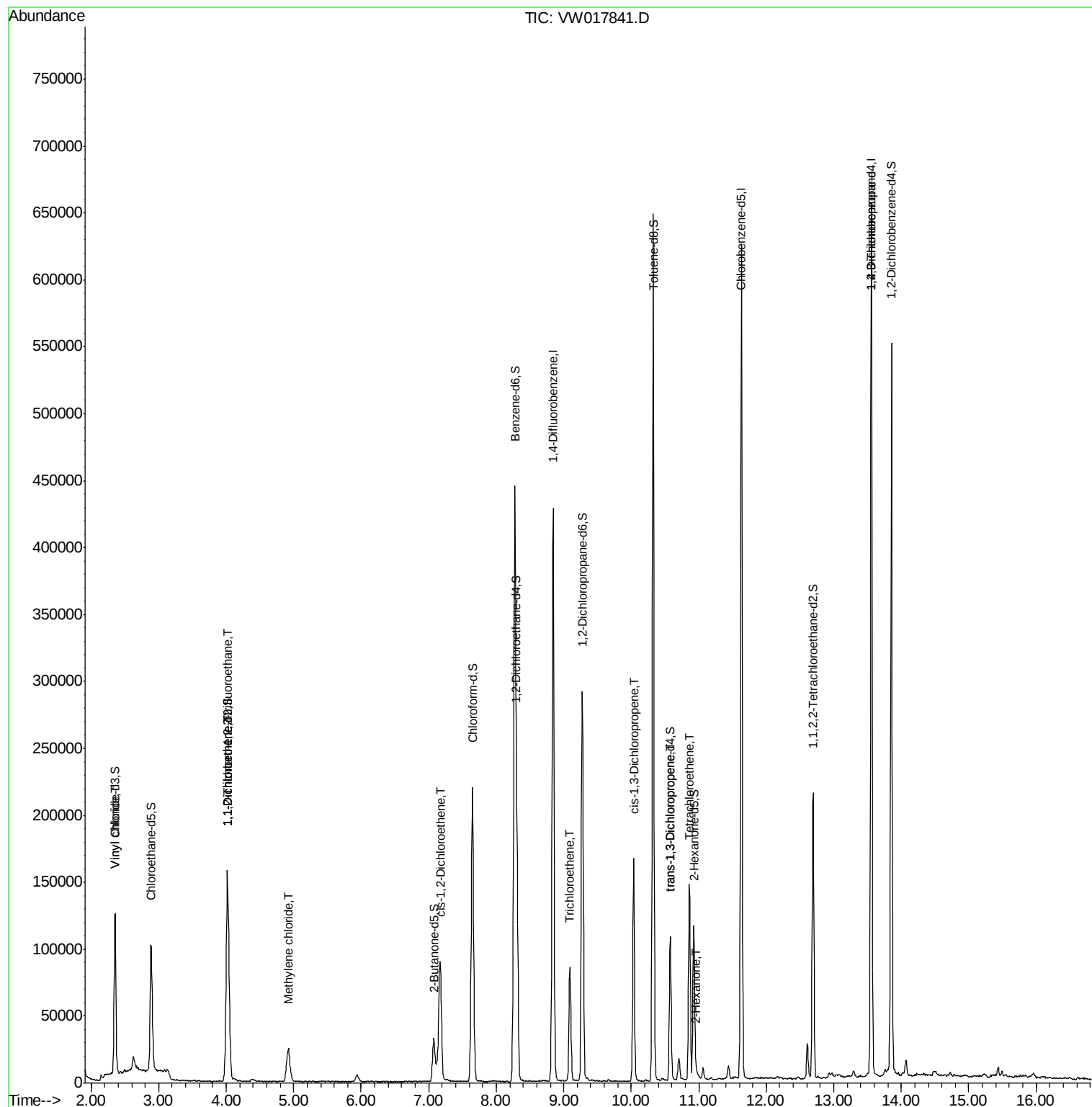
					Ovalue
5) Vinyl chloride	2.36	62	5857	1.022 ug/L #	25
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	1906	0.435 ug/L #	20
12) 1,1-Dichloroethene	4.02	96	1511	0.355 ug/L #	1
16) Methylene chloride	4.92	84	20003	4.054 ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	49423	10.254 ug/L	96
35) Trichloroethene	9.09	95	27195	5.457 ug/L #	77
42) cis-1,3-Dichloropropene	10.04	75	4874	0.719 ug/L #	73
45) trans-1,3-Dichloropropene	10.58	75	2957	0.512 ug/L	87
47) Tetrachloroethene	10.86	164	28959	7.432 ug/L	96
49) 2-Hexanone	10.97	43	946	0.646 ug/L #	66
59) 1,2,3-Trichloropropane	13.55	75	23462	9.051 ug/L	93

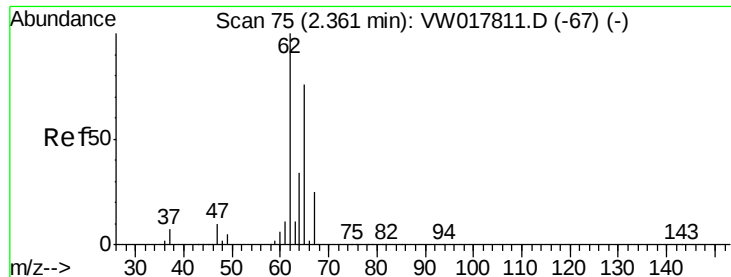
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017841.D
Acq On : 12 Jan 2021 17:26
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jan 13 03:23:24 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 08 21:58:14 2021
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.022 ug/L

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW017841.D

Acq: 12 Jan 2021 17:26

Instrument :

MSVOA_W

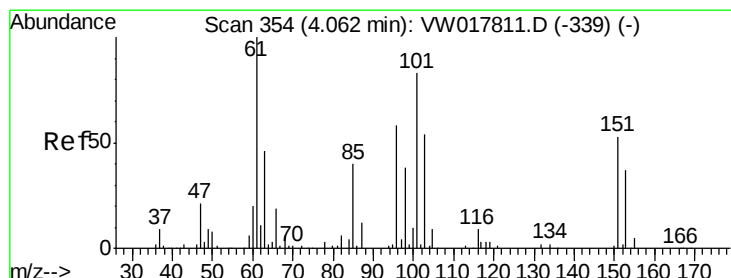
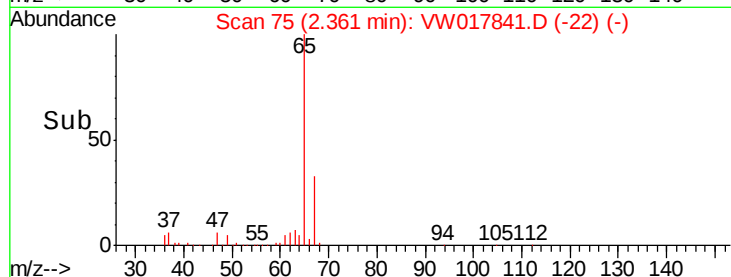
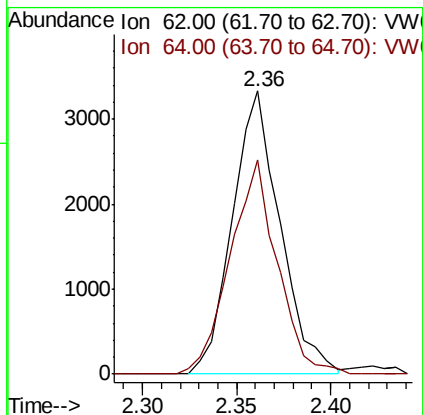
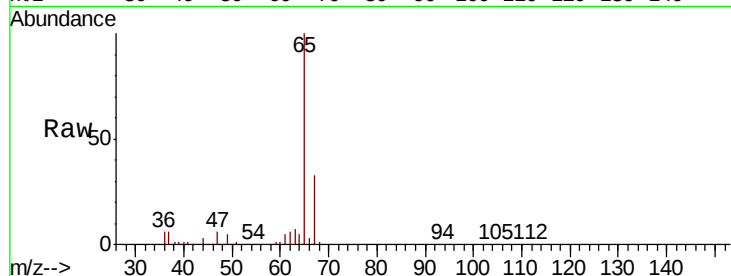
ClientSampleId :

Tot Ion: 62 Resp: 5857

Ion Ratio Lower Upper

62 100

64 75.8 23.3 43.3#



#11

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

Concen: 0.435 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.04 min

Lab File: VW017841.D

Acq: 12 Jan 2021 17:26

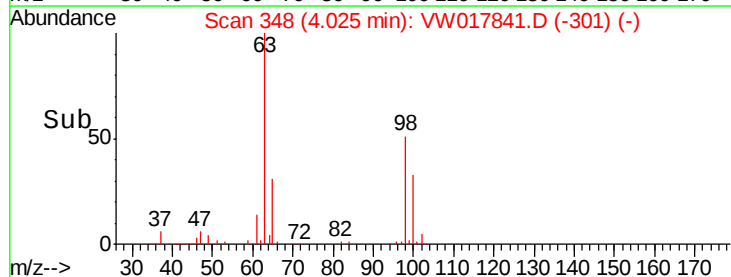
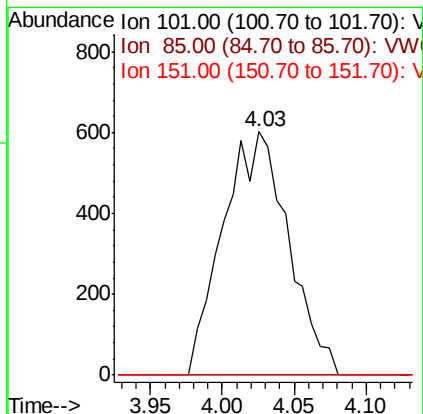
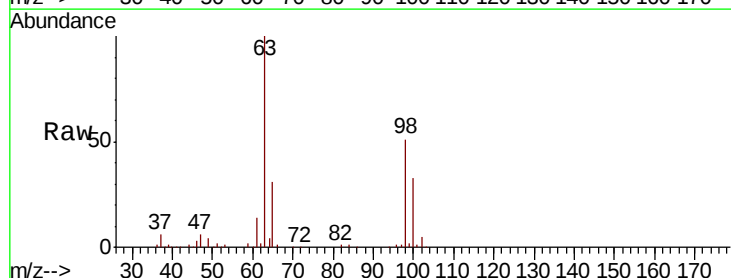
Tgt Ion: 101 Resp: 1906

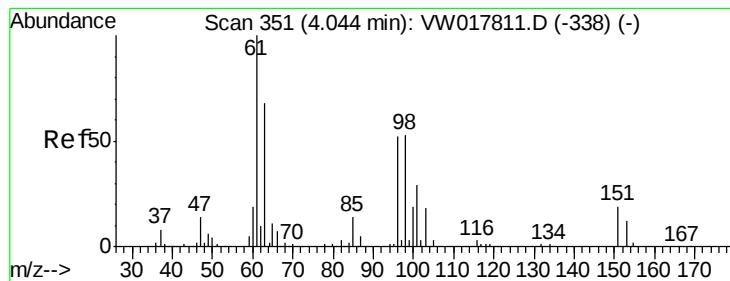
Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

151 0.0 57.7 86.5#





#12

1,1-Dichloroethene

Concen: 0.355 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.02 min

Lab File: VW017841.D

Acq: 12 Jan 2021 17:26

Instrument :

MSVOA_W

ClientSampled :

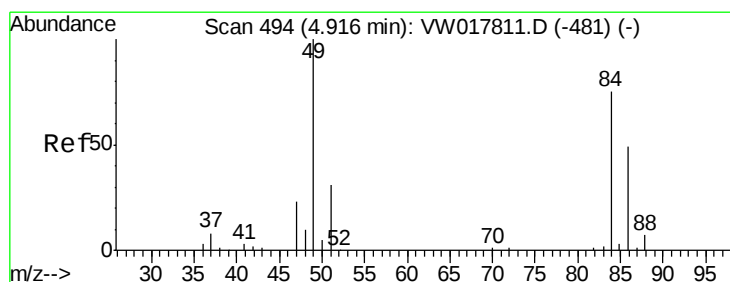
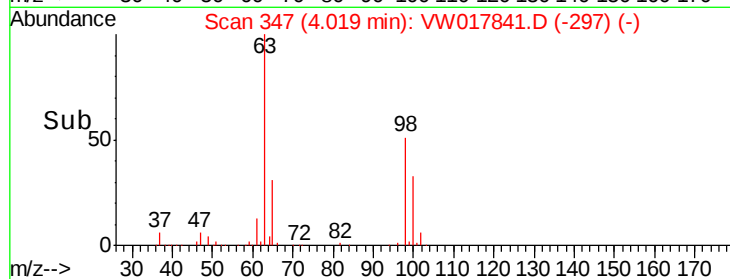
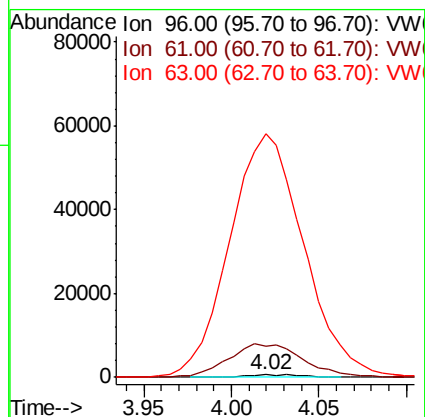
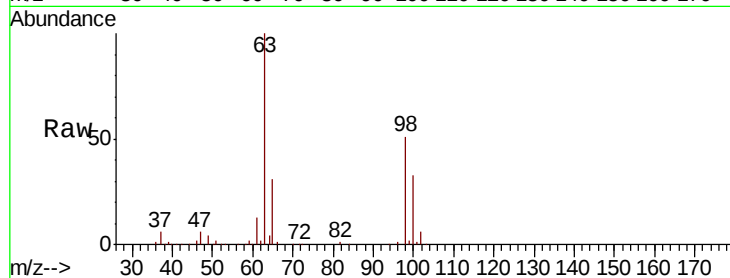
Tot Ion: 96 Resp: 1511

Ion Ratio Lower Upper

96 100

61 1298.2 126.1 234.1#

63 10229.6 90.0 167.2#



#16

Methylene chloride

Concen: 4.054 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017841.D

Acq: 12 Jan 2021 17:26

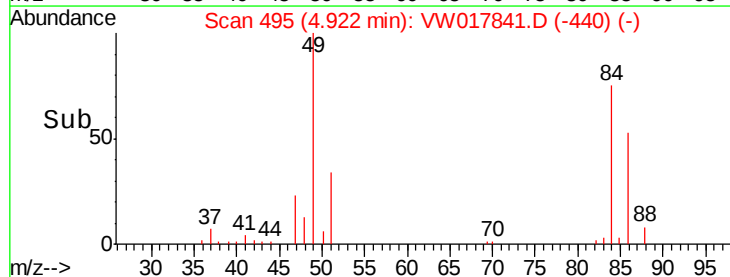
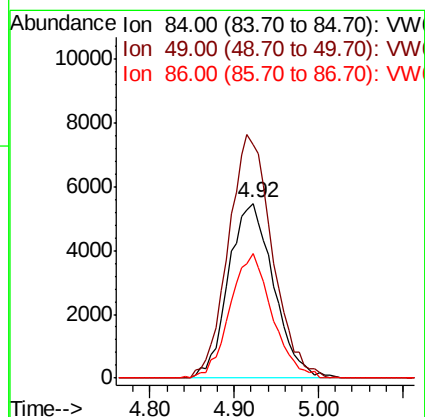
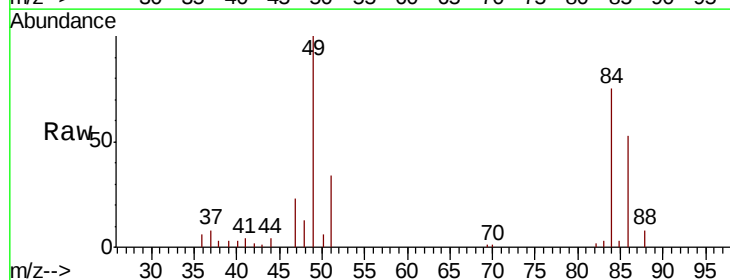
Tgt Ion: 84 Resp: 20003

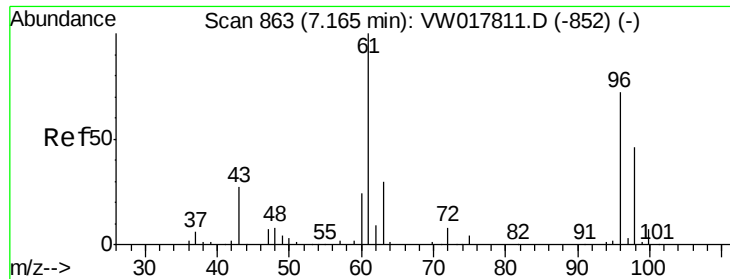
Ion Ratio Lower Upper

84 100

49 133.5 90.5 168.1

86 71.1 44.8 83.2



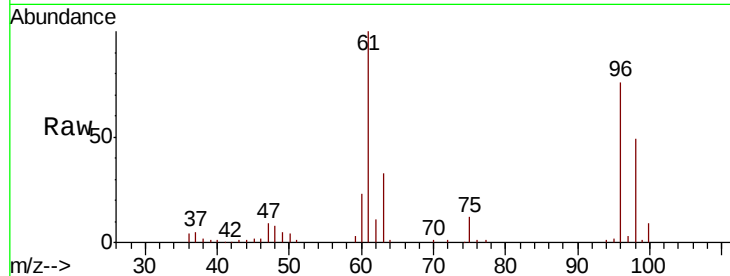


#22

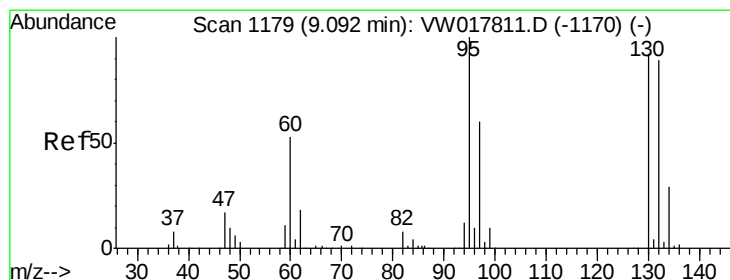
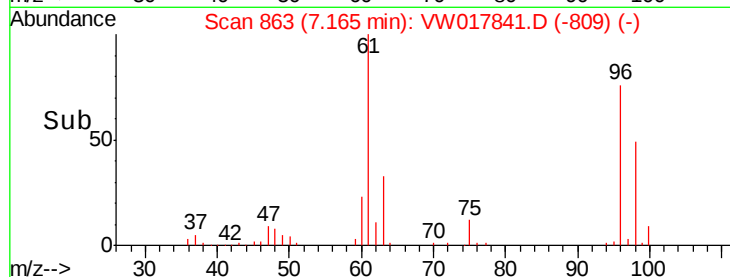
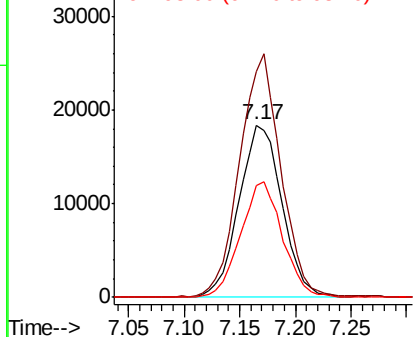
cis-1,2-Dichloroethene
Concen: 10.254 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW017841.D
Acq: 12 Jan 2021 17:26

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 96 Resp: 49423
Ion Ratio Lower Upper
96 100
61 131.0 88.2 163.8
98 64.5 43.7 81.1



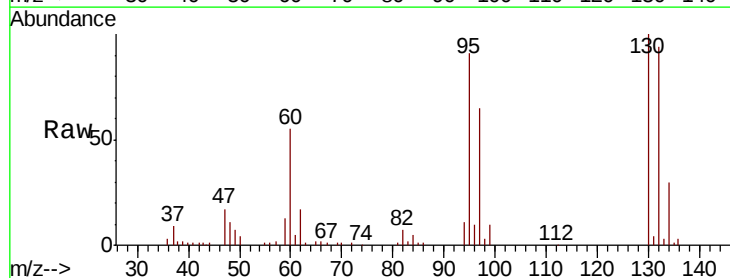
Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



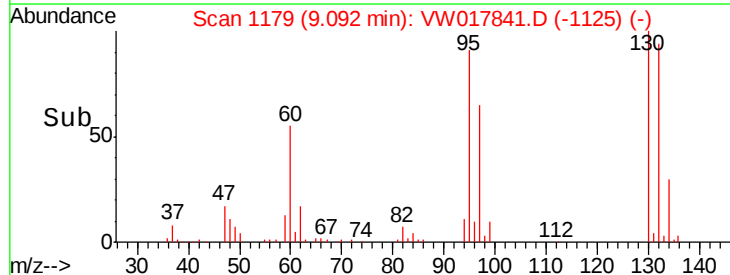
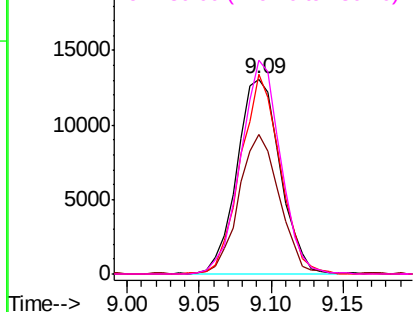
#35

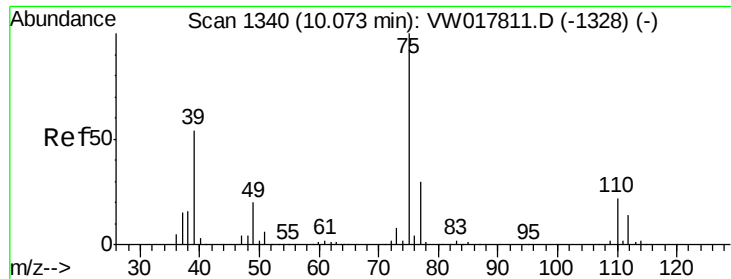
Trichloroethene
Concen: 5.457 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW017841.D
Acq: 12 Jan 2021 17:26

Tgt Ion: 95 Resp: 27195
Ion Ratio Lower Upper
95 100
97 0.0 46.8 87.0#
132 93.6 68.3 126.9
130 100.8 71.8 133.4



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): V
Ion 130.00 (129.70 to 130.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.719 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017841.D

Acq: 12 Jan 2021 17:26

Instrument :

MSVOA_W

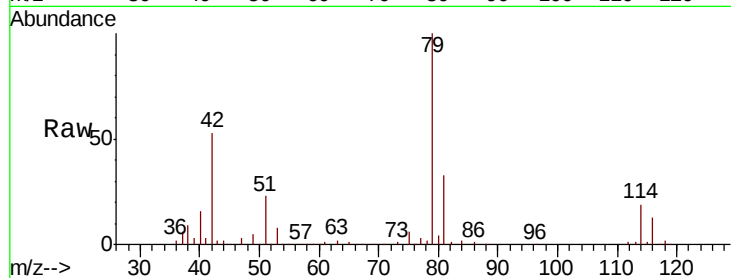
ClientSampleId :

Tot Ion: 75 Resp: 4874

Ion Ratio Lower Upper

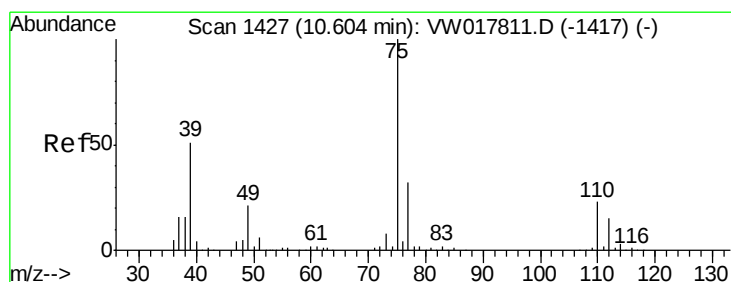
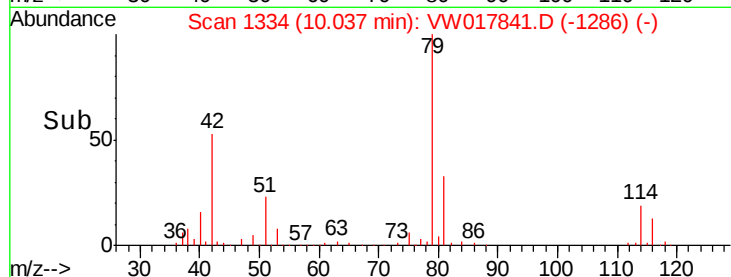
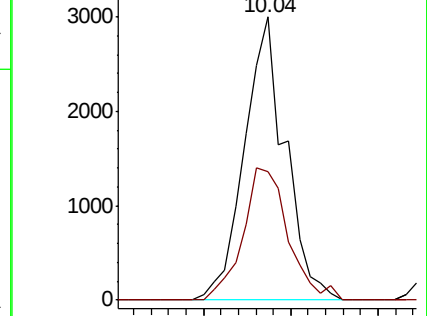
75 100

77 45.6 21.6 40.2#



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: 0.512 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017841.D

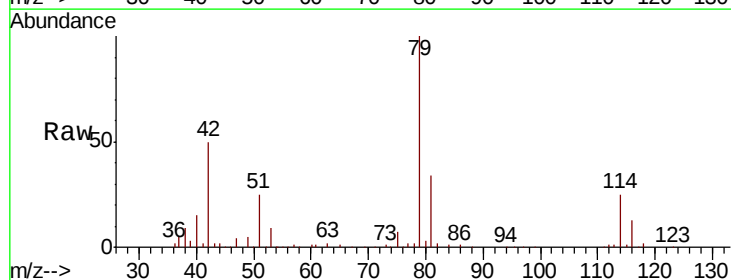
Acq: 12 Jan 2021 17:26

Tgt Ion: 75 Resp: 2957

Ion Ratio Lower Upper

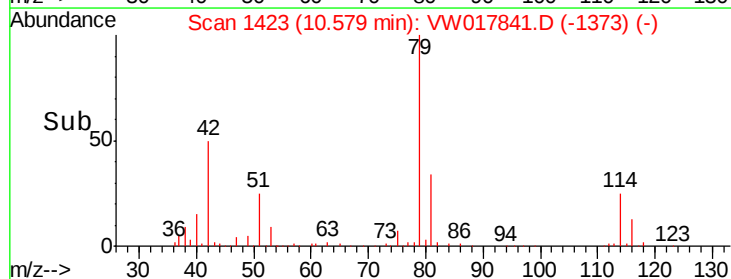
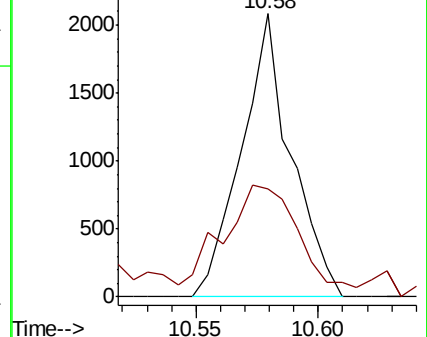
75 100

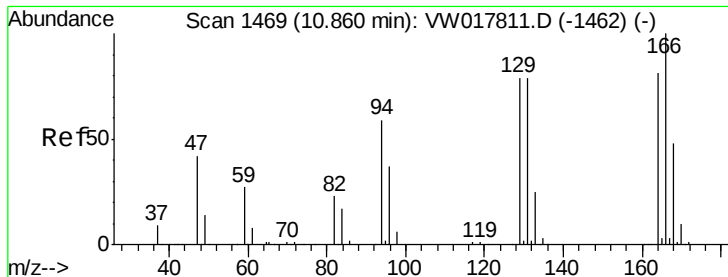
77 38.0 21.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#47

Tetrachloroethene

Concen: 7.432 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW017841.D

Acq: 12 Jan 2021 17:26

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 28959

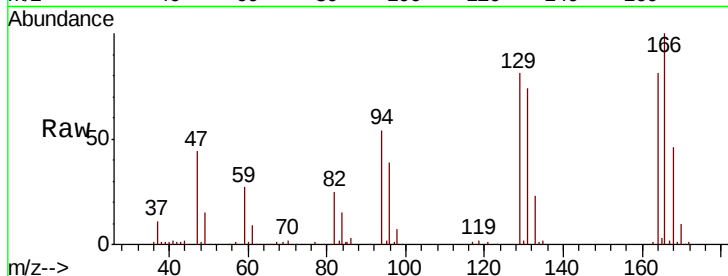
Ion Ratio Lower Upper

164 100

129 99.8 62.9 116.9

131 91.5 63.8 118.6

166 123.2 87.4 162.2

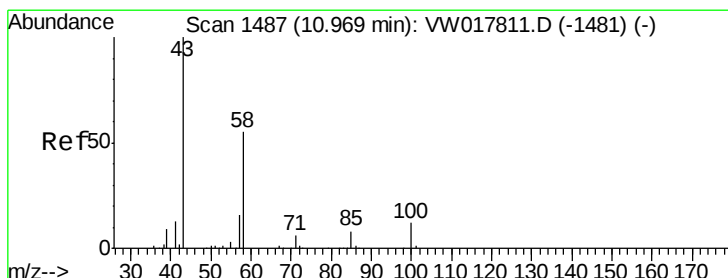
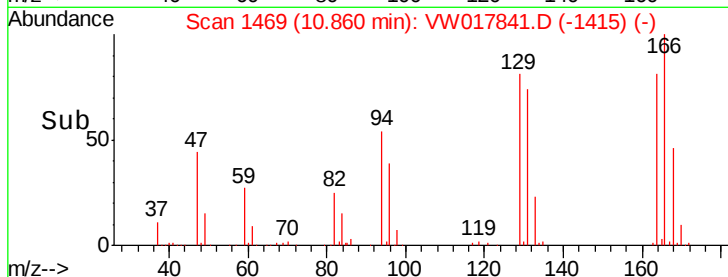
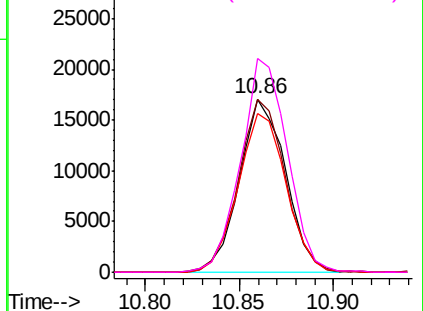


Abundance Ion 164.00 (163.70 to 164.70): V

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: 0.646 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW017841.D

Acq: 12 Jan 2021 17:26

Tgt Ion: 43 Resp: 946

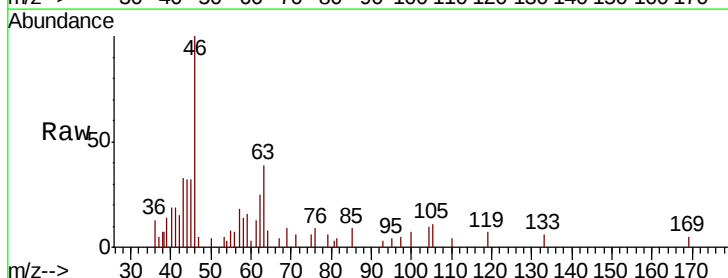
Ion Ratio Lower Upper

43 100

58 17.1 44.2 66.4#

57 18.7 16.1 24.1

100 12.5 11.0 16.4

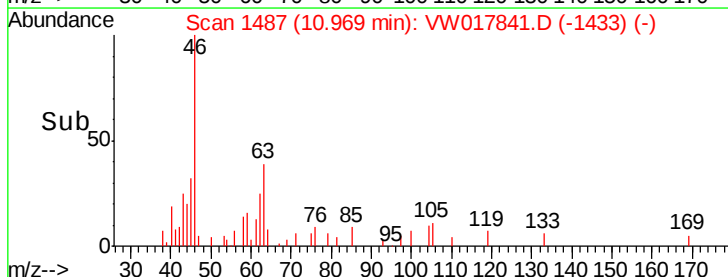
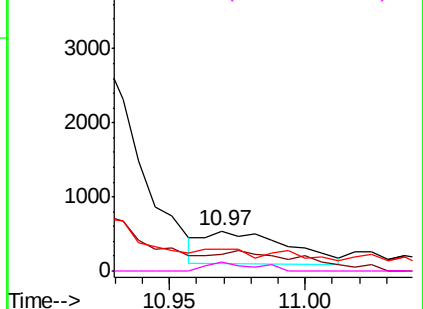


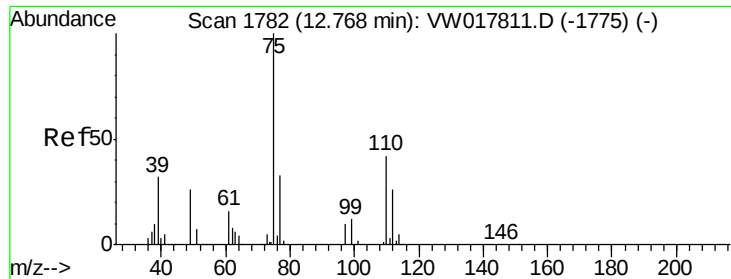
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 9.051 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017841.D

Acq: 12 Jan 2021 17:26

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 23462

Ion Ratio Lower Upper

75 100

77 35.7 25.4 38.0

