

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011321\
 Data File : VW017854.D
 Acq On : 13 Jan 2021 17:52
 Operator : SY/VA
 Sample : M1132-04
 Misc : 3.60G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1A03

Quant Time: Jan 14 11:43:03 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 11:39:57 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	164351	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	149629	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	64362	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	117748	46.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	185.20%#
7) Chloroethane-d5	2.89	69	94226	44.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	179.60%#
10) 1,1-Dichloroethene-d2	4.02	63	151151	34.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	136.48%#
20) 2-Butanone-d5	7.08	46	52536	127.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	254.94%#
24) Chloroform-d	7.65	84	202894	47.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	188.96%#
26) 1,2-Dichloroethane-d4	8.30	65	122126	54.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	219.76%#
29) Benzene-d6	8.27	84	392798	46.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	186.40%#
33) 1,2-Dichloropropane-d6	9.27	67	116832	50.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	201.16%#
37) Toluene-d8	10.32	98	357160	44.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	176.48%#
38) trans-1,3-Dichloropropene-	10.58	79	47303	45.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	182.72%#
39) 2-Hexanone-d5	10.93	63	37553	128.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	257.42%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	95373	55.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	221.20%#
61) 1,2-Dichlorobenzene-d4	13.85	152	99503	44.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	177.60%#

Target Compounds

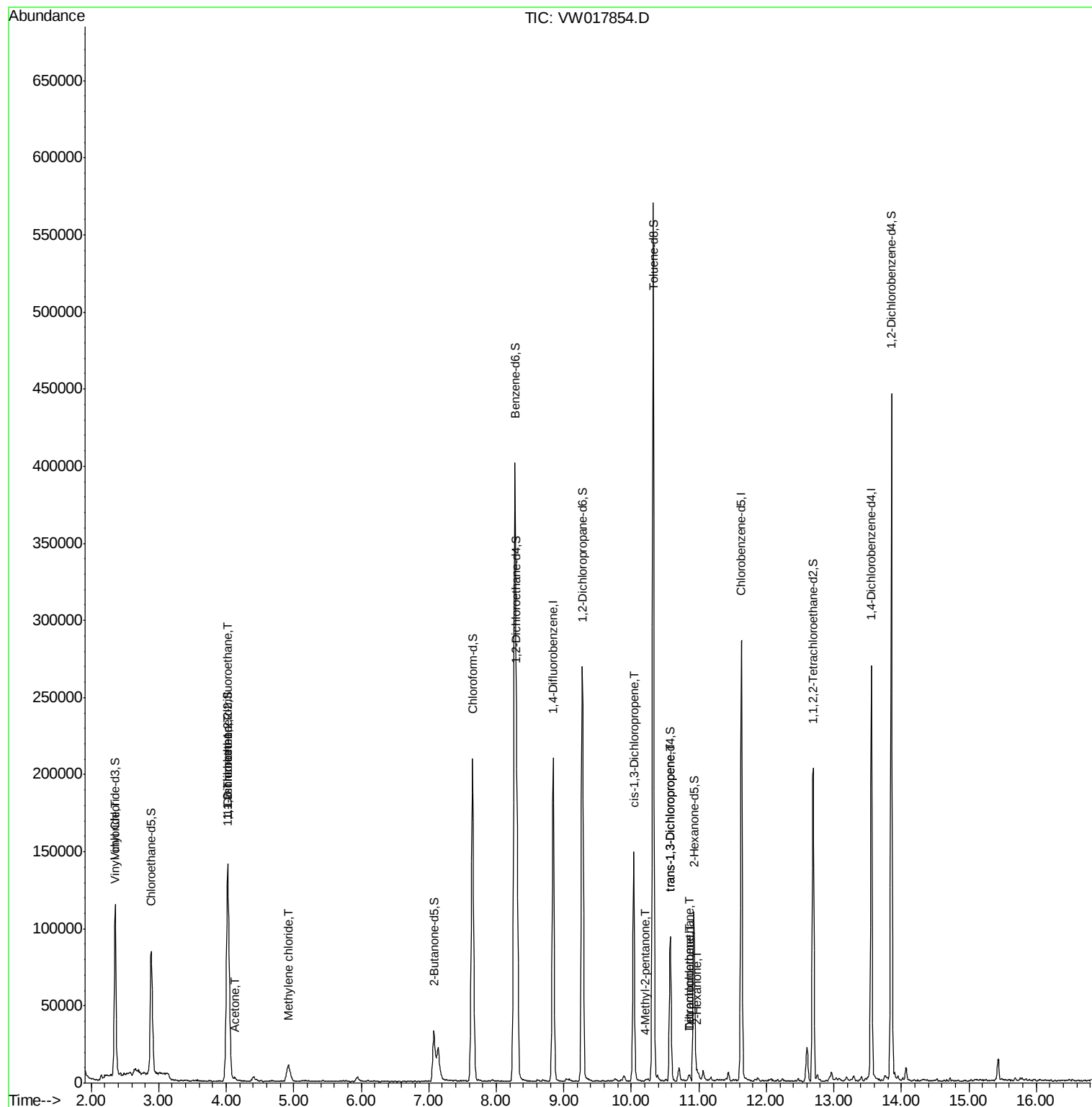
					Qvalue
5) Vinyl chloride	2.37	62	655	0.240 ug/L #	1
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	1349	0.646 ug/L #	20
12) 1,1-Dichloroethene	4.01	96	1374	0.678 ug/L #	1
13) Acetone	4.13	43	3361	9.444 ug/L	81
16) Methylene chloride	4.92	84	6616	2.815 ug/L	88
42) cis-1,3-Dichloropropene	10.04	75	4696	1.457 ug/L #	67
43) 4-Methyl-2-pentanone	10.21	43	851	0.867 ug/L #	87
45) trans-1,3-Dichloropropene	10.58	75	2833	1.032 ug/L #	75
47) Tetrachloroethene	10.87	164	609	0.329 ug/L	78
49) 2-Hexanone	10.98	43	1179	1.694 ug/L #	72
50) Dibromochloromethane	10.87	129	715	0.401 ug/L #	9

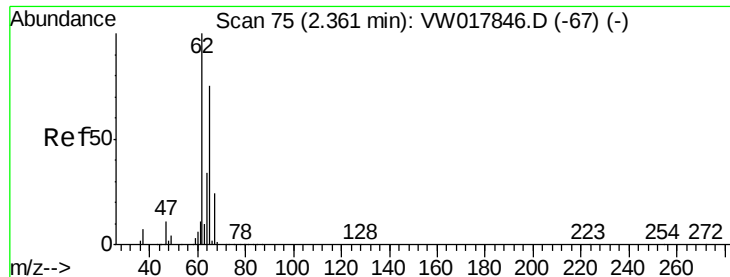
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW011321\
Data File : VW017854.D
Acq On : 13 Jan 2021 17:52
Operator : SY/VA
Sample : M1132-04
Misc : 3.60G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1A03

Quant Time: Jan 14 11:43:03 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 14 11:39:57 2021
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.240 ug/L

RT: 2.37 min Scan# 76

Delta R.T. 0.01 min

Lab File: VW017854.D

Acq: 13 Jan 2021 17:52

Instrument :

MSVOA_W

ClientSampleId :

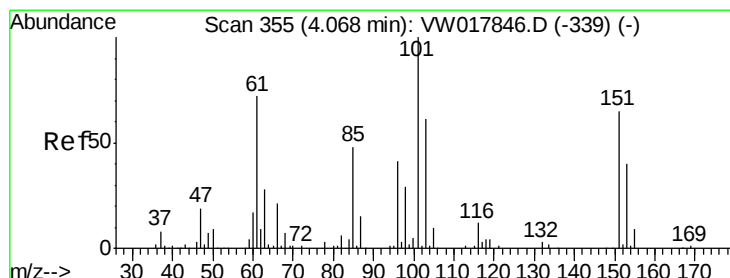
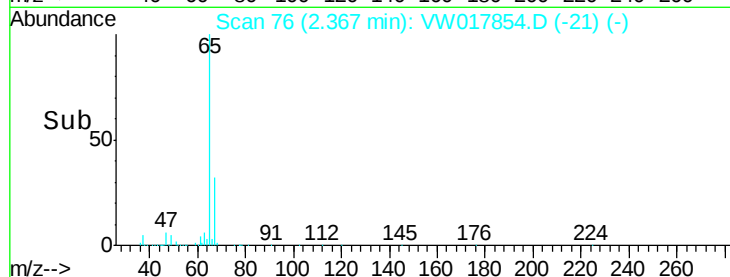
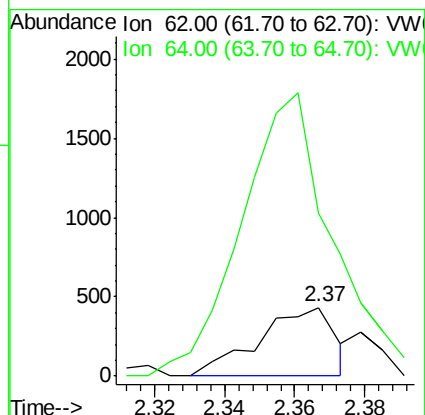
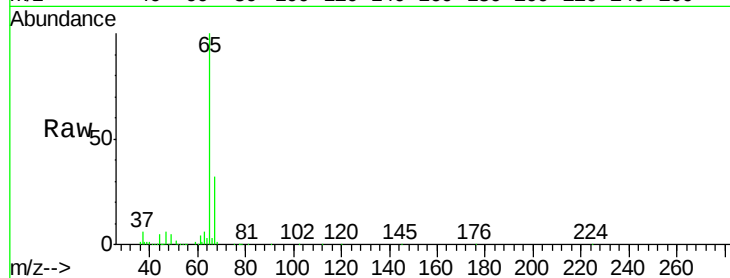
F1A03

Tgt Ion: 62 Resp: 655

Ion Ratio Lower Upper

62 100

64 237.8 23.3 43.3#



#11

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

Concen: 0.646 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.04 min

Lab File: VW017854.D

Acq: 13 Jan 2021 17:52

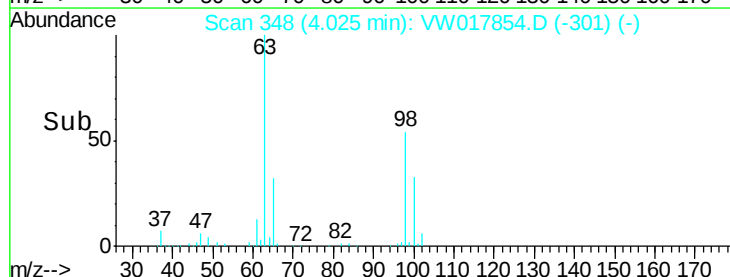
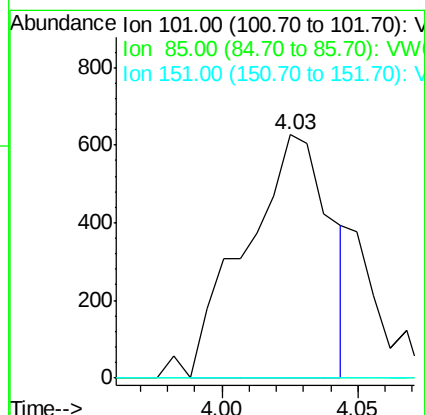
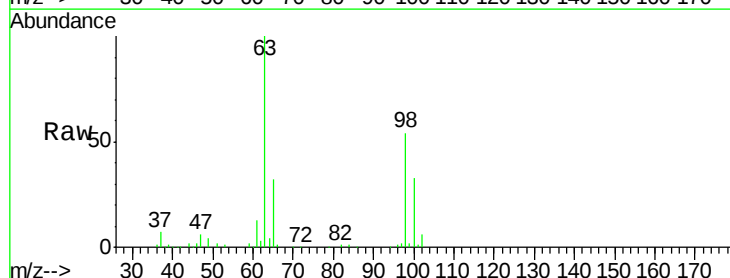
Tgt Ion: 101 Resp: 1349

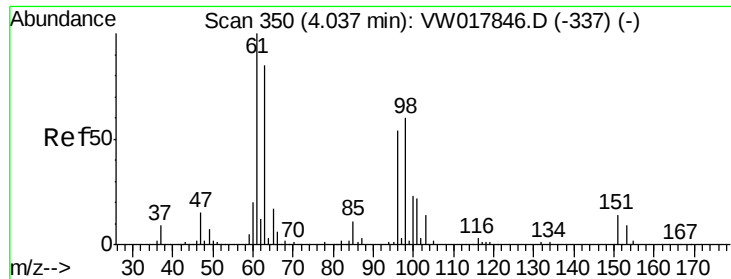
Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

151 0.0 57.7 86.5#

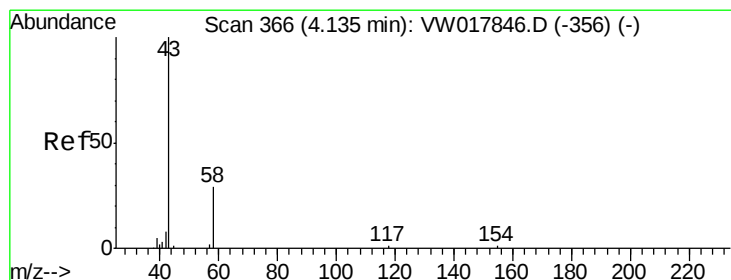
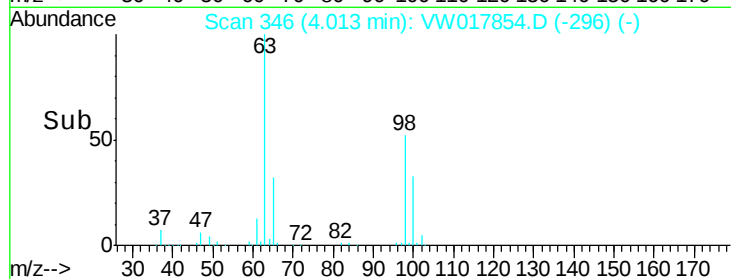
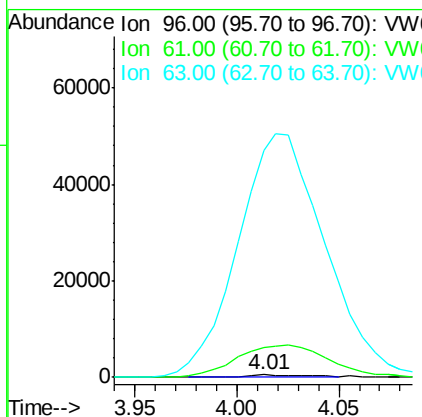
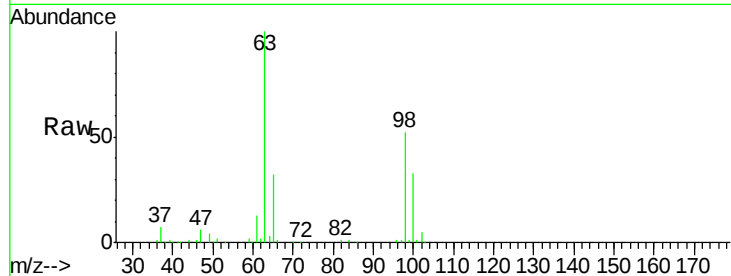




#12
 1,1-Dichloroethene
 Concen: 0.678 ug/L
 RT: 4.01 min Scan# 346
 Delta R.T. -0.02 min
 Lab File: VW017854.D
 Acq: 13 Jan 2021 17:52

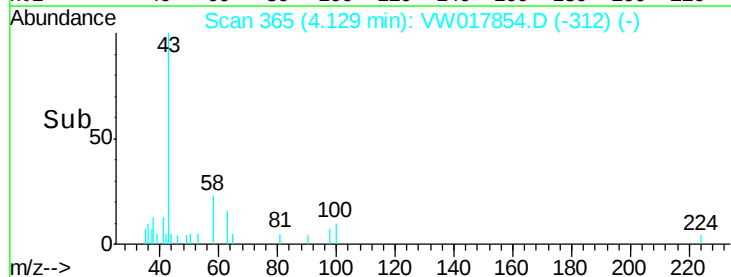
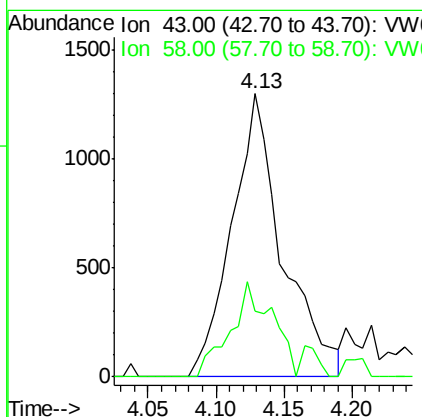
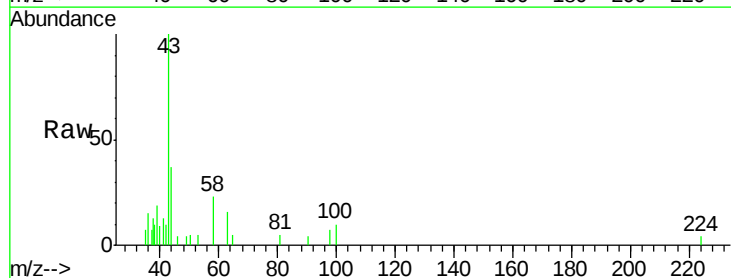
Instrument :
 MSVOA_W
 ClientSampled :
 F1A03

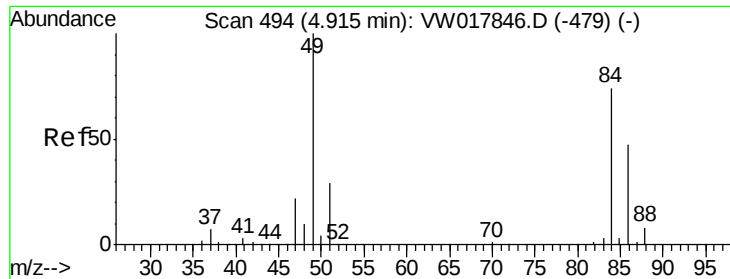
Tgt Ion: 96 Resp: 1374
 Ion Ratio Lower Upper
 96 100
 61 1077.0 126.1 234.1#
 63 8142.6 90.0 167.2#



#13
 Acetone
 Concen: 9.444 ug/L
 RT: 4.13 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VW017854.D
 Acq: 13 Jan 2021 17:52

Tgt Ion: 43 Resp: 3361
 Ion Ratio Lower Upper
 43 100
 58 20.1 0.0 60.8

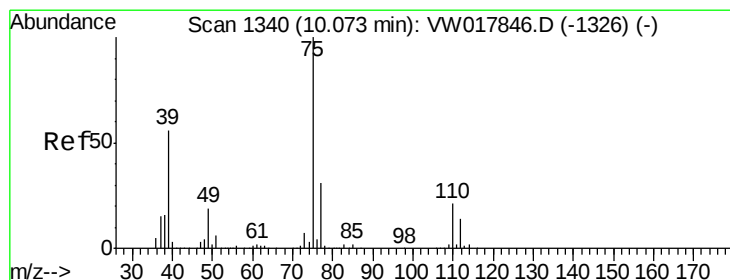
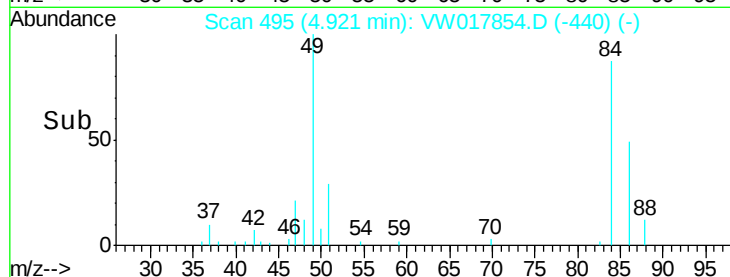
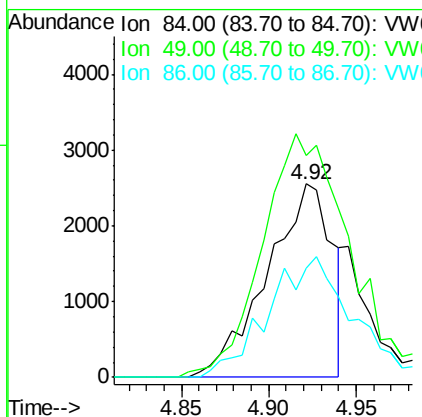
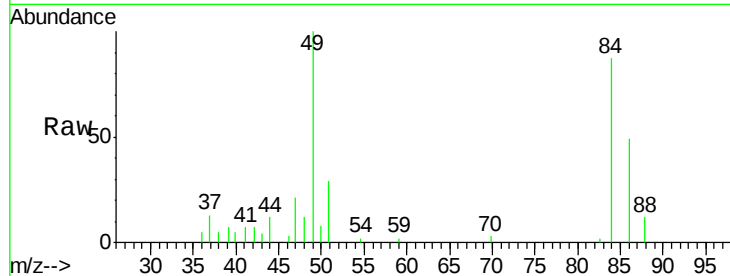




#16
Methylene chloride
Concen: 2.815 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017854.D
Acq: 13 Jan 2021 17:52

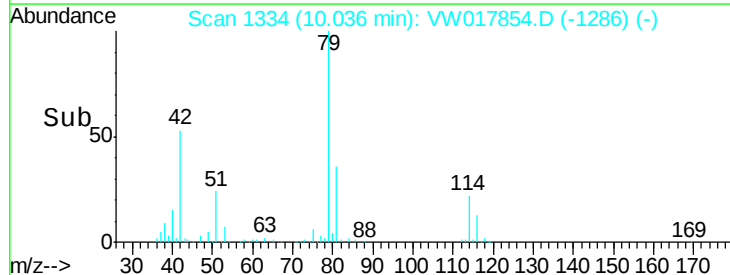
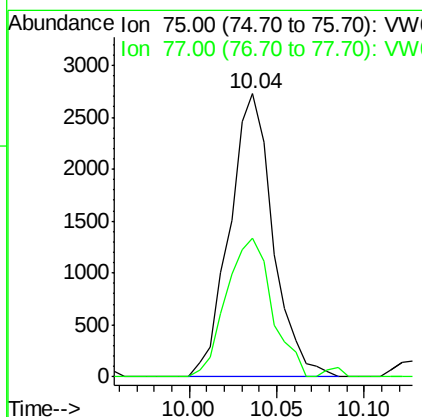
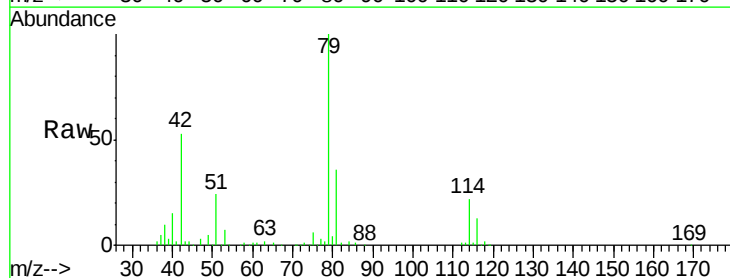
Instrument :
MSVOA_W
ClientSampled :
F1A03

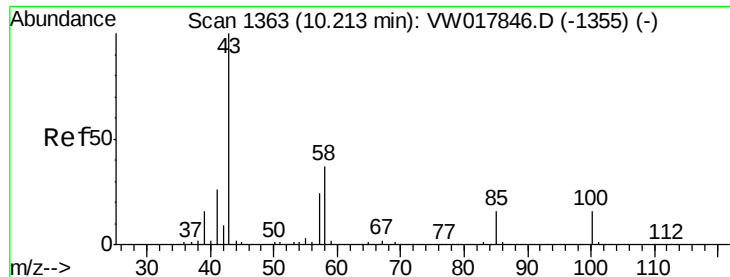
Tgt Ion: 84 Resp: 6616
Ion Ratio Lower Upper
84 100
49 114.5 90.5 168.1
86 56.5 44.8 83.2



#42
cis-1,3-Dichloropropene
Concen: 1.457 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017854.D
Acq: 13 Jan 2021 17:52

Tgt Ion: 75 Resp: 4696
Ion Ratio Lower Upper
75 100
77 49.1 21.6 40.2#





#43

4-Methyl-2-pentanone

Concen: 0.867 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW017854.D

Acq: 13 Jan 2021 17:52

Instrument :

MSVOA_W

ClientSampleId :

F1A03

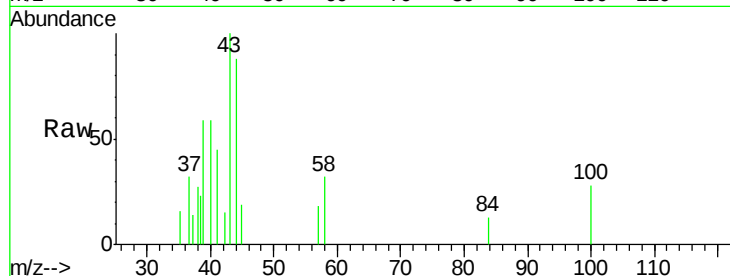
Tgt Ion: 43 Resp: 851

Ion Ratio Lower Upper

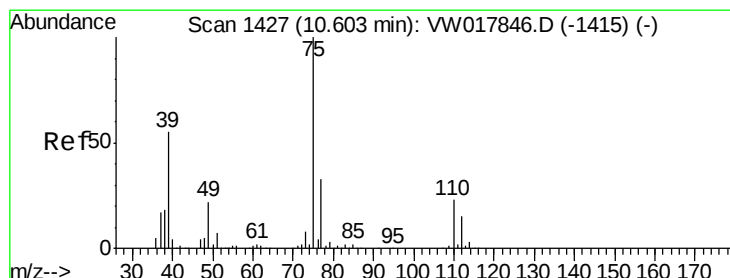
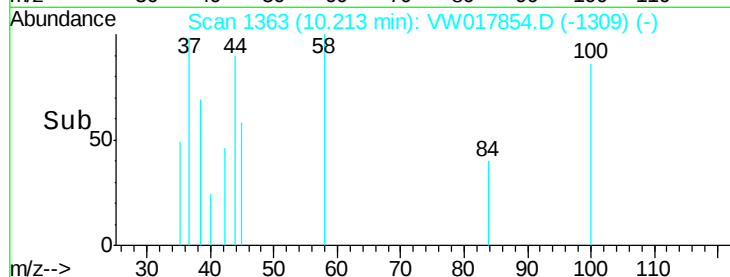
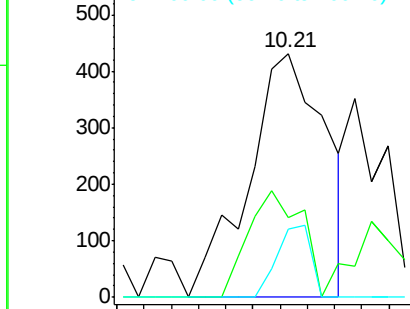
43 100

58 30.1 31.0 46.4#

100 12.8 13.5 20.3#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW
Ion 100.00 (99.70 to 100.70): VW



#45

trans-1,3-Dichloropropene

Concen: 1.032 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017854.D

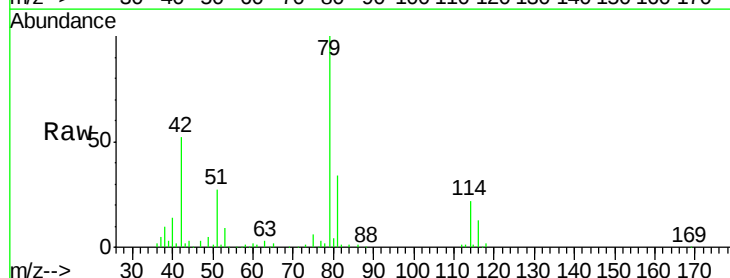
Acq: 13 Jan 2021 17:52

Tgt Ion: 75 Resp: 2833

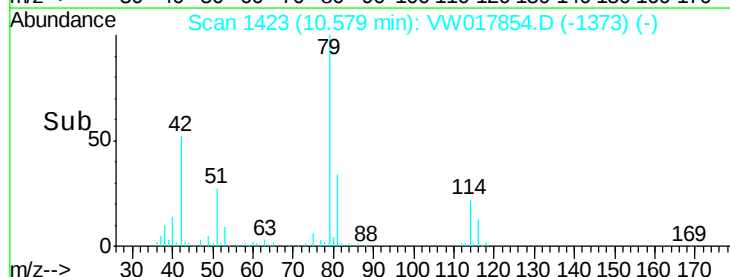
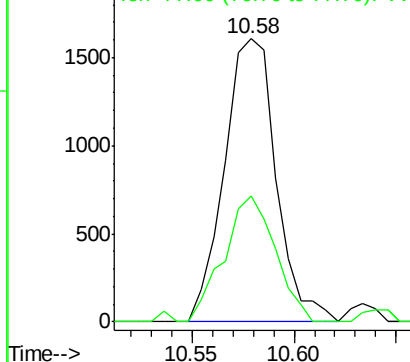
Ion Ratio Lower Upper

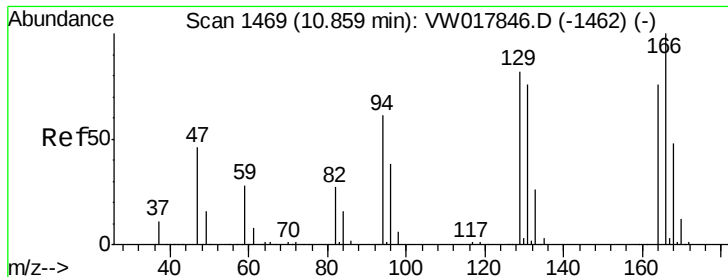
75 100

77 44.4 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: 0.329 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW017854.D

Acq: 13 Jan 2021 17:52

Instrument :

MSVOA_W

ClientSampleId :

F1A03

Tgt Ion: 164 Resp: 609

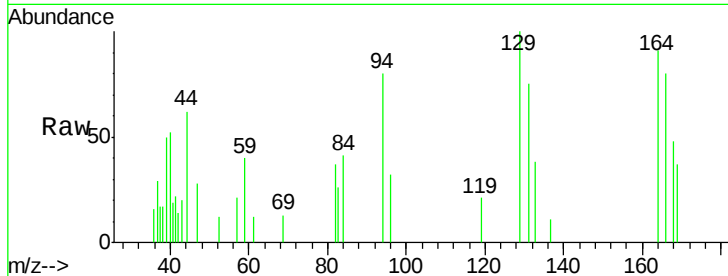
Ion Ratio Lower Upper

164 100

129 109.9 62.9 116.9

131 82.1 63.8 118.6

166 87.7 87.4 162.2

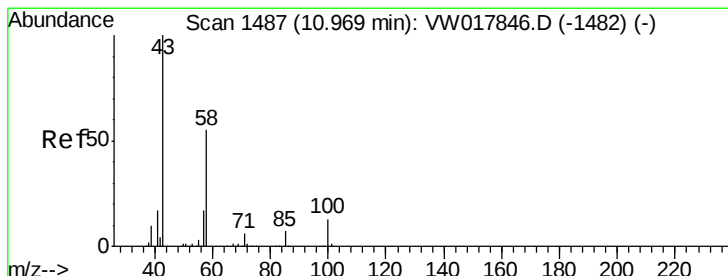
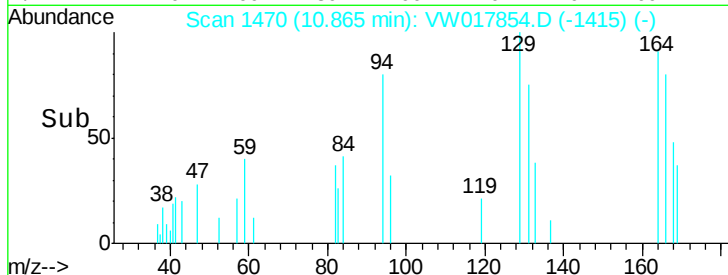
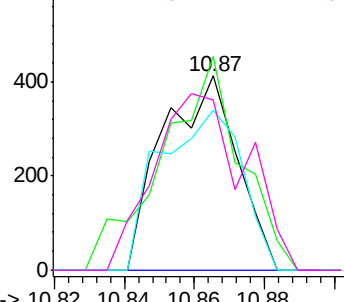


Abundance Ion 164.00 (163.70 to 164.70): V

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: 1.694 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW017854.D

Acq: 13 Jan 2021 17:52

Tgt Ion: 43 Resp: 1179

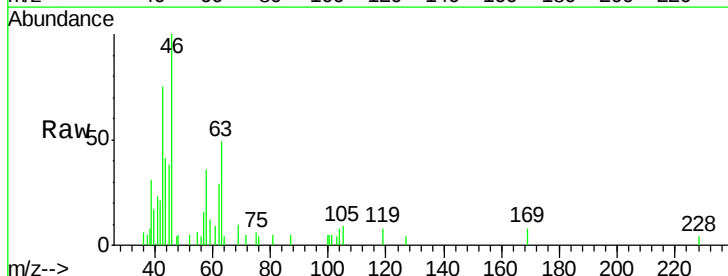
Ion Ratio Lower Upper

43 100

58 76.8 44.2 66.4#

57 7.3 16.1 24.1#

100 4.7 11.0 16.4#

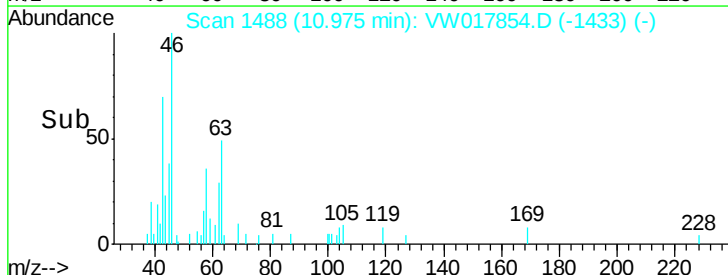
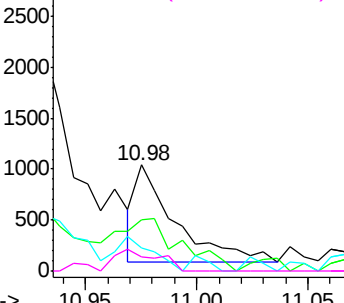


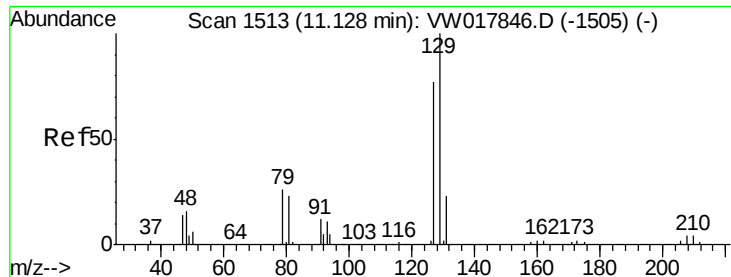
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#50

Dibromochloromethane

Concen: 0.401 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW017854.D

Acq: 13 Jan 2021 17:52

Instrument :

MSVOA_W

ClientSampleId :

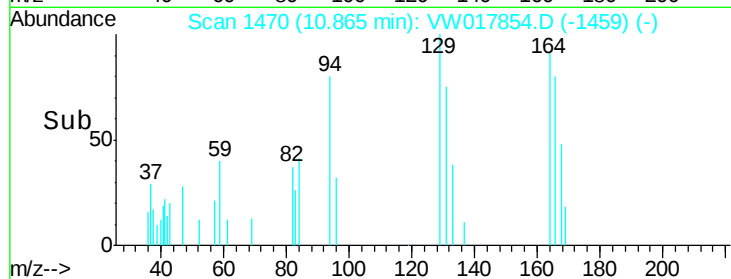
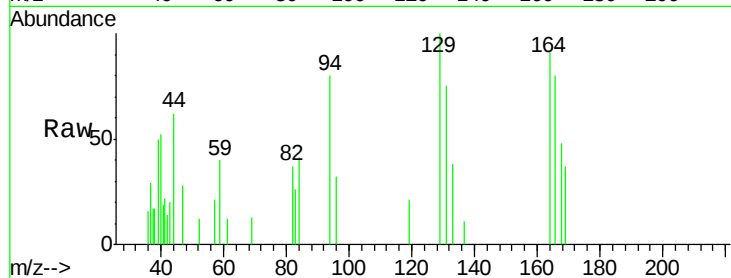
F1A03

Tgt Ion:129 Resp: 715

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.3#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

