

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111120\
 Data File : VW017155.D
 Acq On : 11 Nov 2020 11:18
 Operator : SY/VA
 Sample : L4659-08
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Nov 12 03:15:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 03:07:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	437358	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	396297	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	188137	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	139315	25.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.16%
7) Chloroethane-d5	2.90	69	115031	27.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.40%
10) 1,1-Dichloroethene-d2	4.02	63	185552	18.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.32%
20) 2-Butanone-d5	7.09	46	53328	43.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.58%
24) Chloroform-d	7.65	84	267697	26.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.88%
26) 1,2-Dichloroethane-d4	8.31	65	133070	26.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.88%
29) Benzene-d6	8.28	84	522992	25.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.64%
33) 1,2-Dichloropropane-d6	9.28	67	148085	26.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.12%
37) Toluene-d8	10.33	98	485416	25.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.04%
38) trans-1,3-Dichloropropene-	10.58	79	59834	23.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.12%
39) 2-Hexanone-d5	10.93	63	40708	41.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	115808	23.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	177576	26.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.16%

Target Compounds

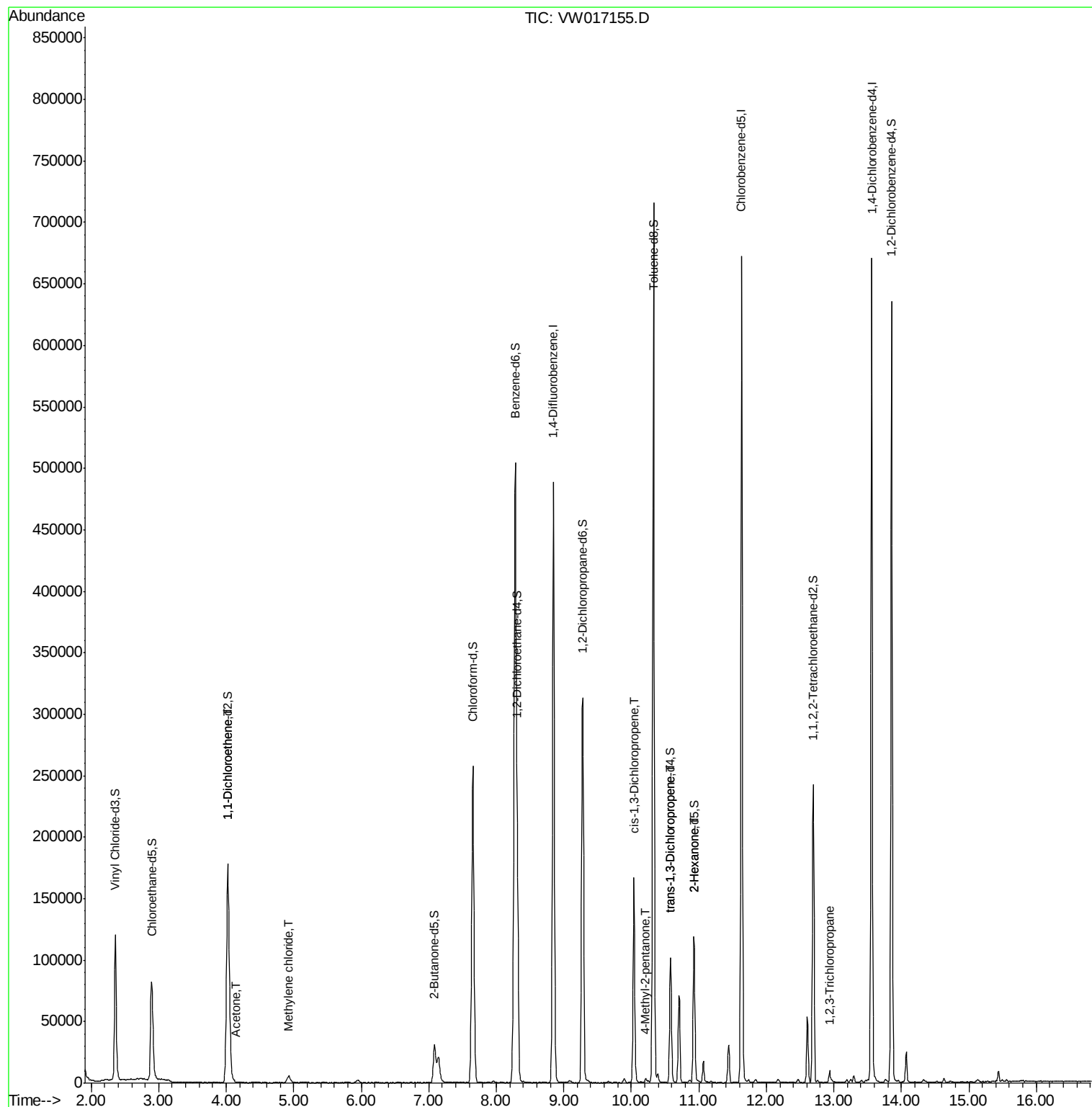
					Ovalue
12) 1,1-Dichloroethene	4.03	96	1649	0.304 ug/L #	1
13) Acetone	4.15	43	308	0.373 ug/L	55
16) Methylene chloride	4.92	84	4912	0.833 ug/L	95
42) cis-1,3-Dichloropropene	10.04	75	4437	0.576 ug/L #	73
43) 4-Methyl-2-pentanone	10.21	43	2397	0.799 ug/L	92
45) trans-1,3-Dichloropropene	10.59	75	3064	0.463 ug/L	90
49) 2-Hexanone	10.93	43	5007	2.767 ug/L #	60
59) 1,2,3-Trichloropropane	12.94	75	746	0.214 ug/L	94

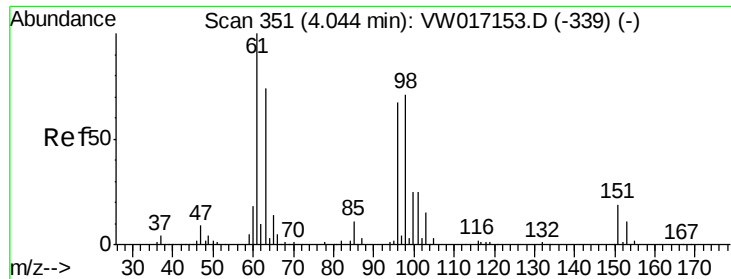
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Nov 12 03:07:51 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.304 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.02 min

Lab File: VW017155.D

Acq: 11 Nov 2020 11:18

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

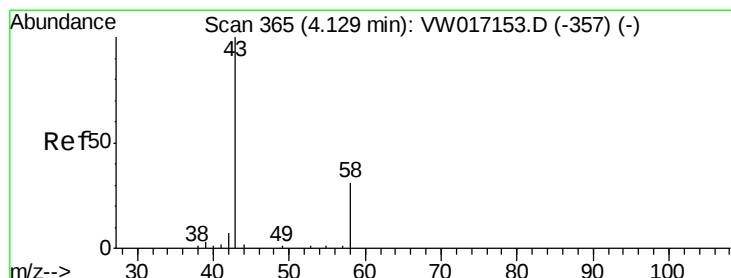
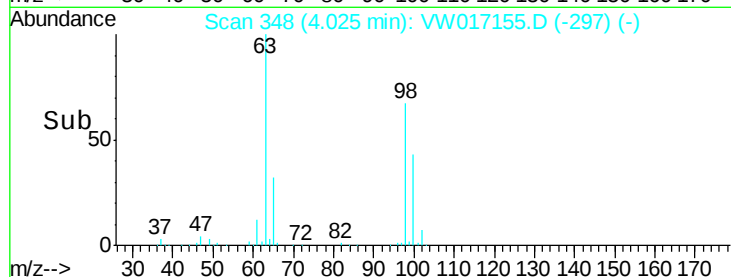
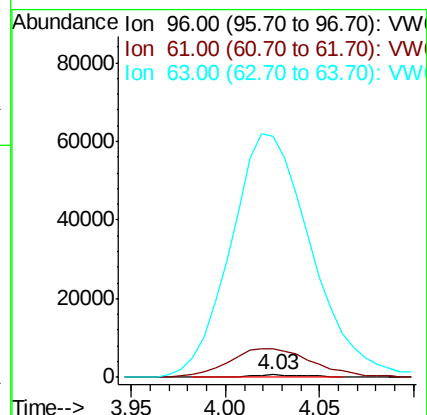
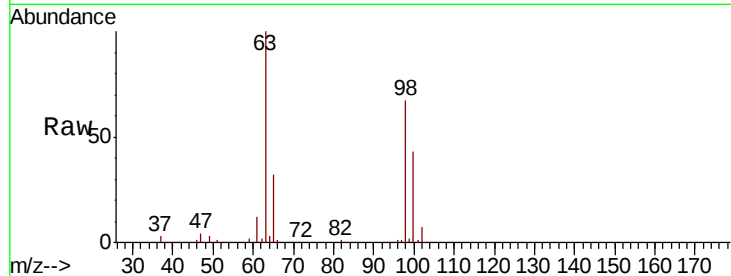
Tot Ion: 96 Resp: 1649

Ion Ratio Lower Upper

96 100

61 1204.1 103.8 192.8#

63 10034.0 84.4 156.7#



#13

Acetone

Concen: 0.373 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW017155.D

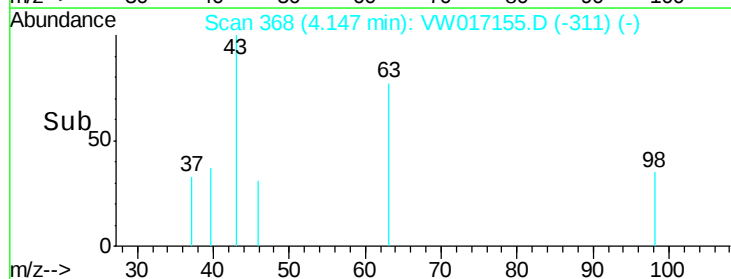
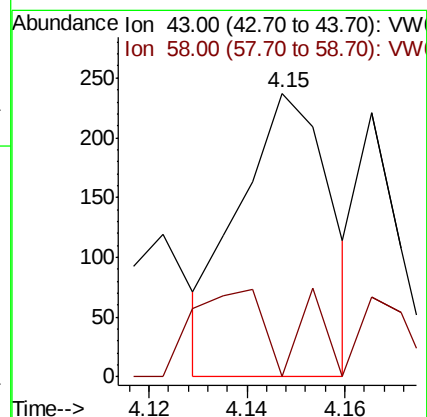
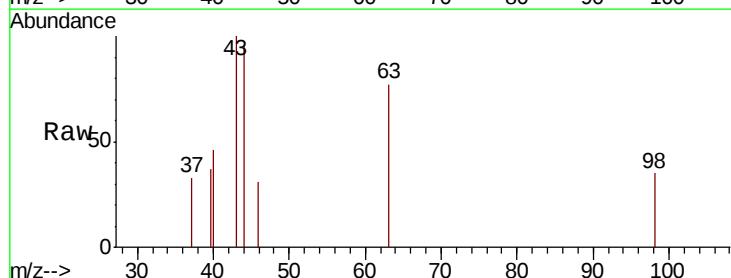
Acq: 11 Nov 2020 11:18

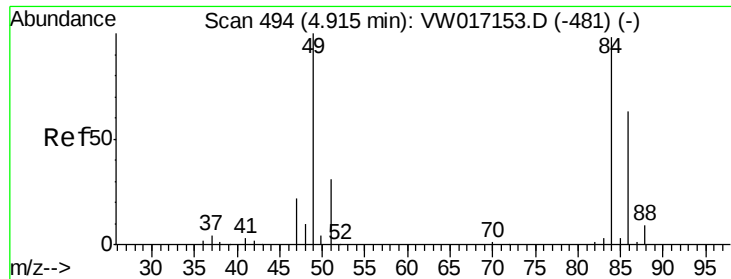
Tgt Ion: 43 Resp: 308

Ion Ratio Lower Upper

43 100

58 8.8 0.0 69.2

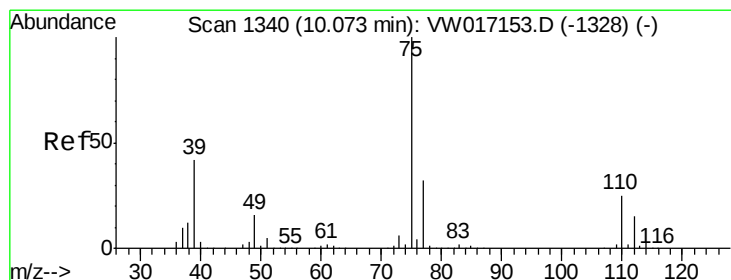
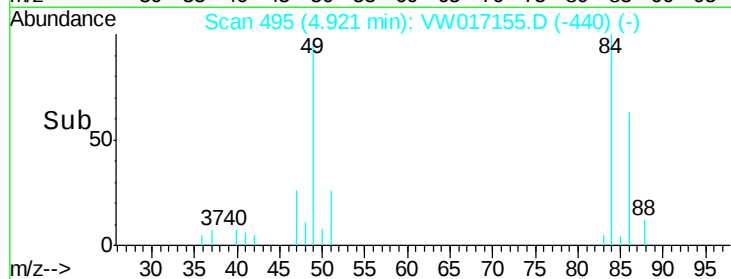
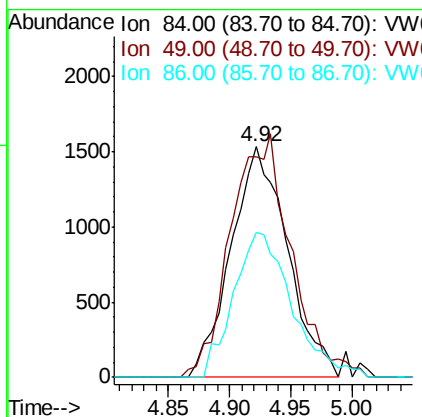
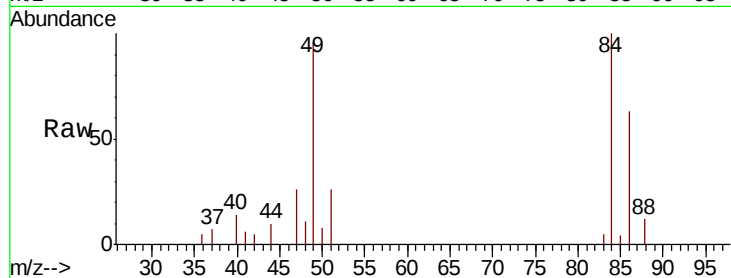




#16
Methylene chloride
Concen: 0.833 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017155.D
Acq: 11 Nov 2020 11:18

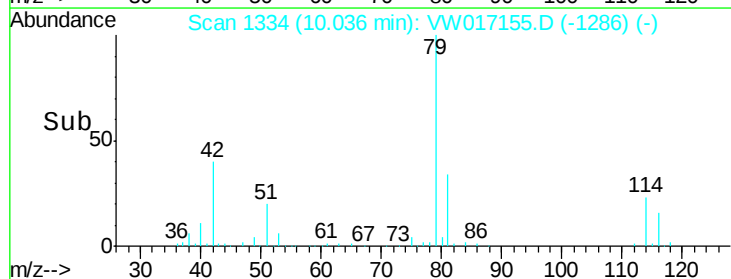
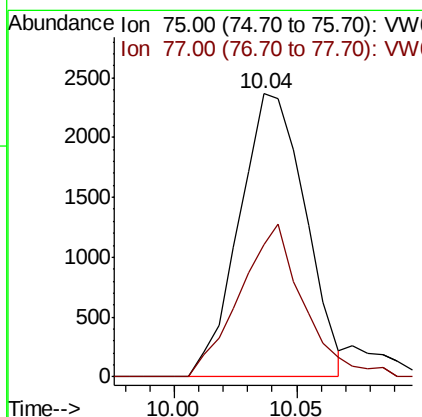
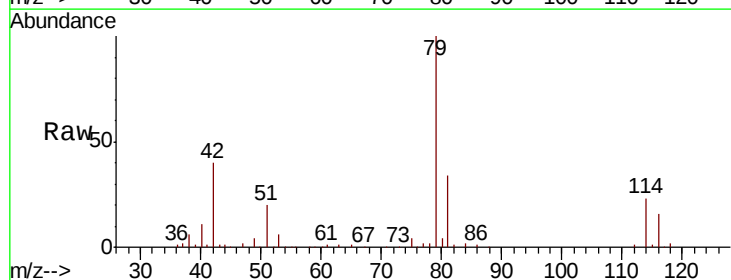
Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

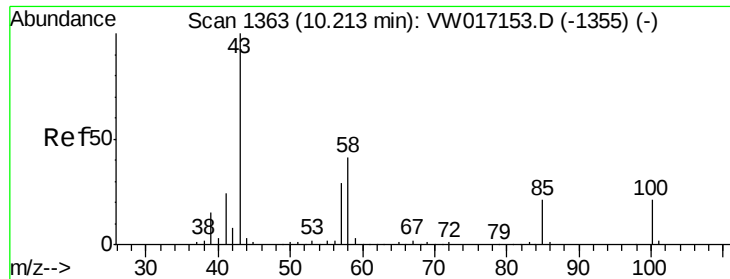
Tot Ion: 84 Resp: 4912
Ion Ratio Lower Upper
84 100
49 95.8 72.3 134.3
86 63.1 45.1 83.7



#42
cis-1,3-Dichloropropene
Concen: 0.576 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017155.D
Acq: 11 Nov 2020 11:18

Tgt Ion: 75 Resp: 4437
Ion Ratio Lower Upper
75 100
77 46.7 22.0 41.0#

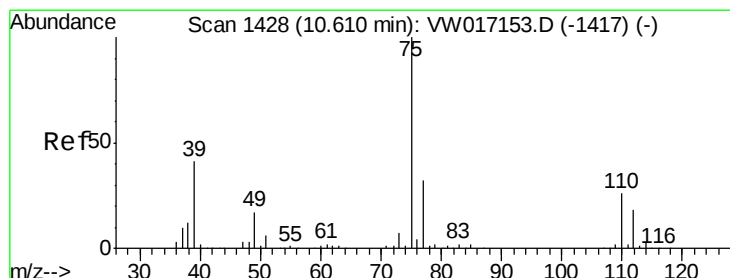
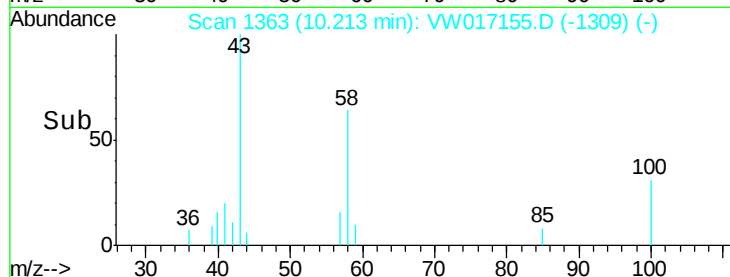
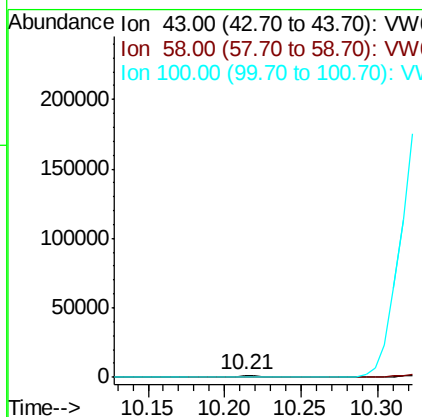
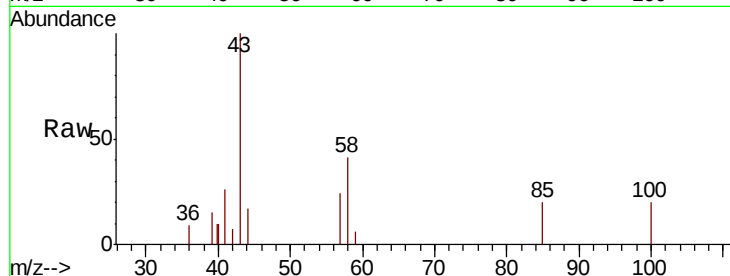




#43
4-Methyl-2-pentanone
Concen: 0.799 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW017155.D
Acq: 11 Nov 2020 11:18

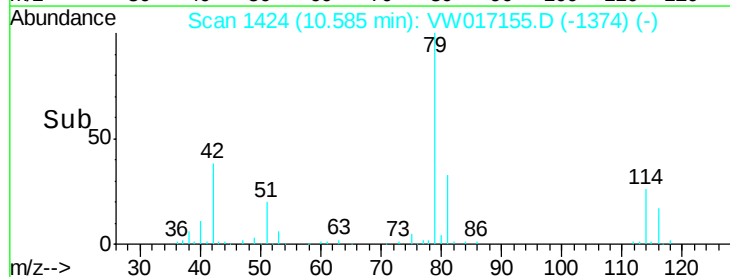
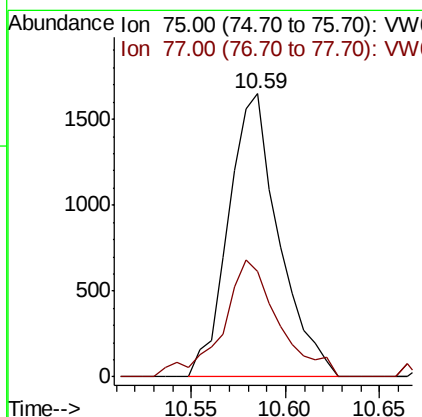
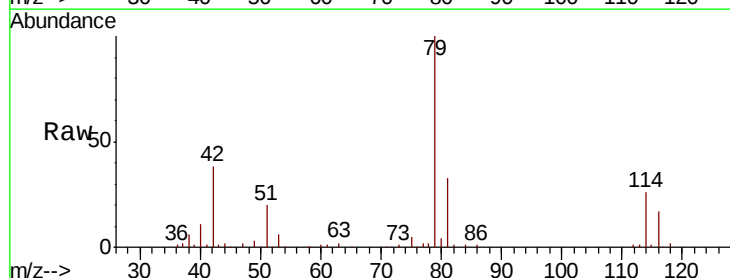
Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

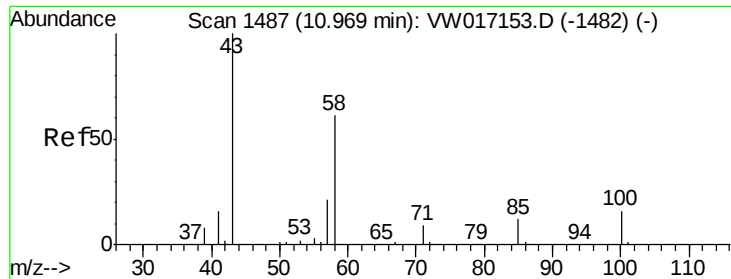
Tot Ion: 43 Resp: 2397
Ion Ratio Lower Upper
43 100
58 36.8 35.0 52.6
100 19.1 16.6 24.8



#45
trans-1,3-Dichloropropene
Concen: 0.463 ug/L
RT: 10.59 min Scan# 1424
Delta R.T. -0.02 min
Lab File: VW017155.D
Acq: 11 Nov 2020 11:18

Tgt Ion: 75 Resp: 3064
Ion Ratio Lower Upper
75 100
77 37.3 22.1 41.1





#49

2-Hexanone

Concen: 2.767 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017155.D

Acq: 11 Nov 2020 11:18

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

Tot Ion: 43 Resp: 5007

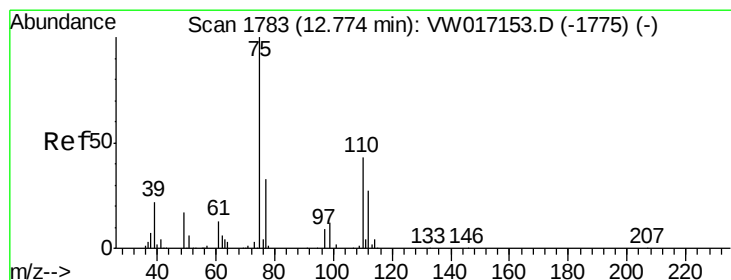
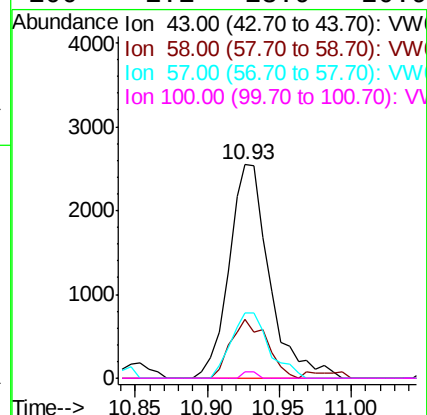
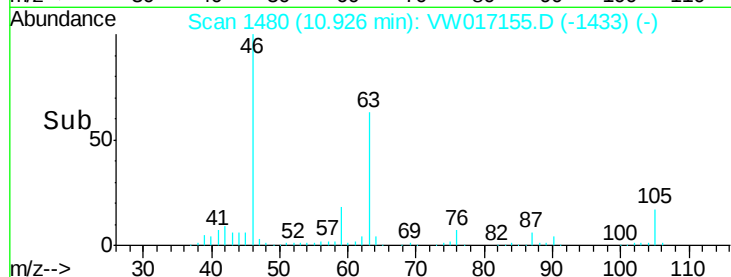
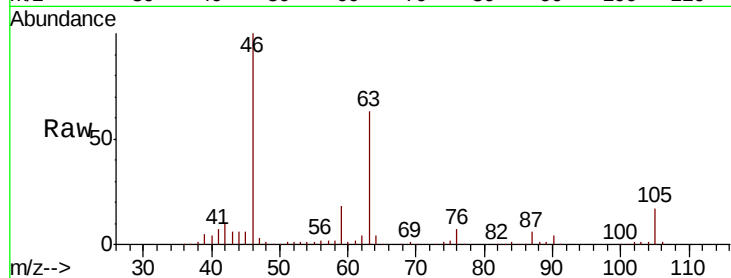
Ion Ratio Lower Upper

43 100

58 24.7 50.6 75.8#

57 28.5 17.8 26.6#

100 1.1 13.9 20.9#



#59

1,2,3-Trichloropropane

Concen: 0.214 ug/L

RT: 12.94 min Scan# 1810

Delta R.T. 0.16 min

Lab File: VW017155.D

Acq: 11 Nov 2020 11:18

Tgt Ion: 75 Resp: 746

Ion Ratio Lower Upper

75 100

77 29.8 26.4 39.6

