

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102620\
 Data File : VW016995.D
 Acq On : 26 Oct 2020 13:48
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK23

Quant Time: Oct 27 08:24:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 27 08:16:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	504471	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	459973	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	219661	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	126544	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.96%
7) Chloroethane-d5	2.89	69	103050	22.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.36%
10) 1,1-Dichloroethene-d2	4.02	63	191779	16.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.72%
20) 2-Butanone-d5	7.08	46	82417	75.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.30%#
24) Chloroform-d	7.65	84	285096	24.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	8.31	65	151318	27.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.52%
29) Benzene-d6	8.27	84	588664	24.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.64%
33) 1,2-Dichloropropane-d6	9.27	67	168554	26.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.72%
37) Toluene-d8	10.33	98	561885	25.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.04%
38) trans-1,3-Dichloropropene-	10.58	79	73235	27.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.24%
39) 2-Hexanone-d5	10.93	63	66661	74.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	148.88%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	153406	31.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.32%#
61) 1,2-Dichlorobenzene-d4	13.85	152	206599	26.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.04%

Target Compounds

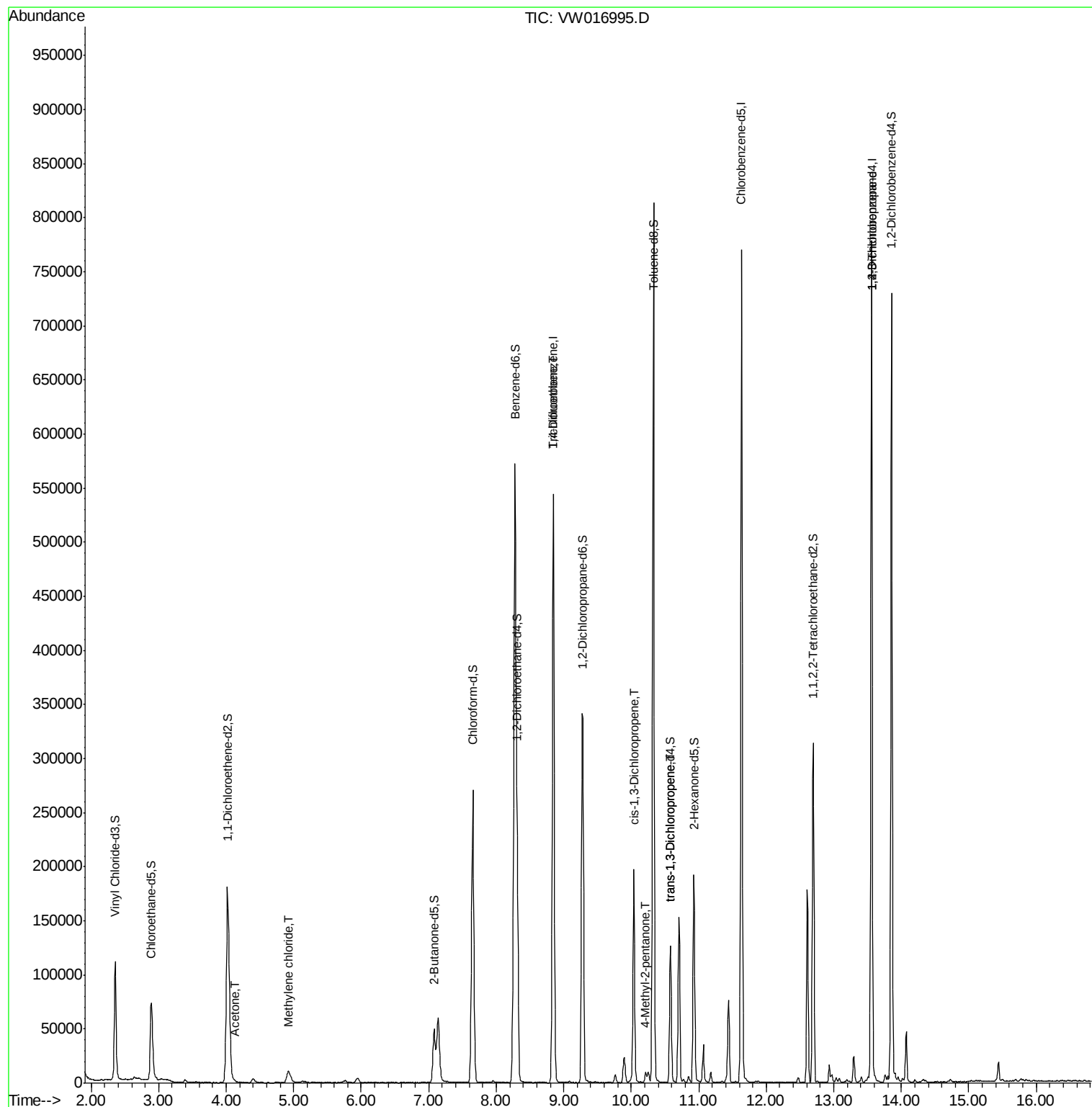
					Ovalue
13) Acetone	4.14	43	1560	2.114 ug/L	68
16) Methylene chloride	4.92	84	5934	0.890 ug/L	94
35) Trichloroethene	8.85	95	14206	2.019 ug/L #	1
42) cis-1,3-Dichloropropene	10.04	75	5221	0.588 ug/L #	75
43) 4-Methyl-2-pentanone	10.21	43	7724	2.871 ug/L	93
45) trans-1,3-Dichloropropene	10.58	75	3316	0.451 ug/L	89
59) 1,2,3-Trichloropropane	13.56	75	22765	6.525 ug/L	93

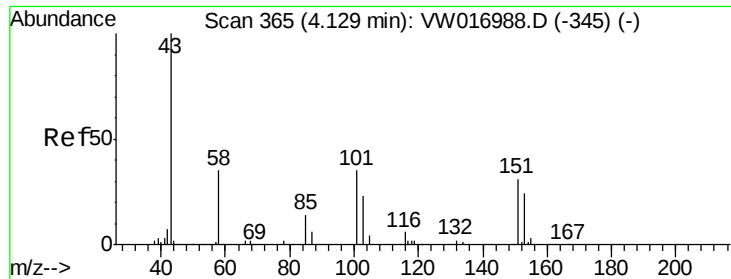
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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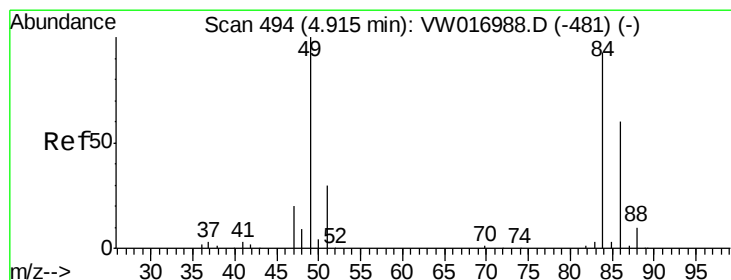
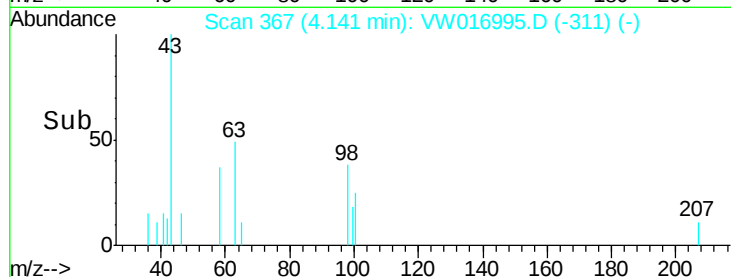
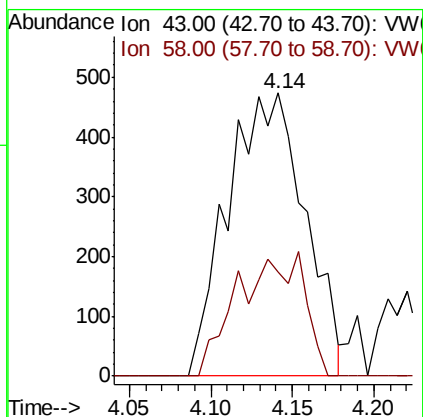
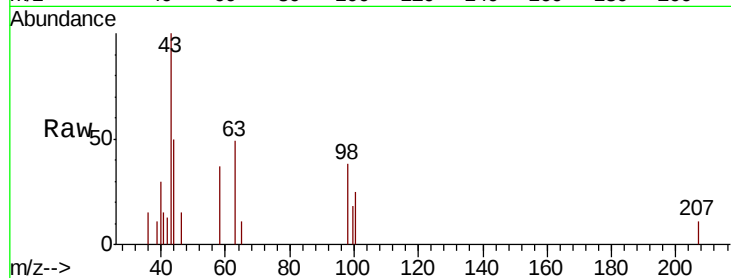




#13
Acetone
Concen: 2.114 ug/L
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW016995.D
Acq: 26 Oct 2020 13:48

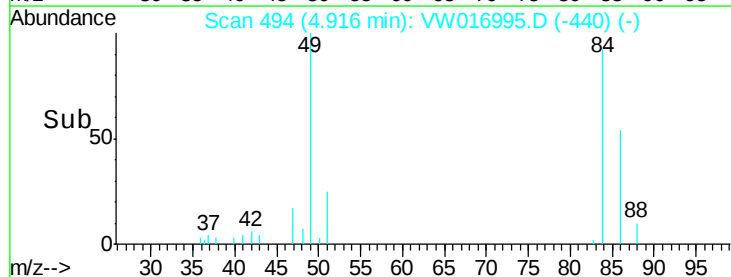
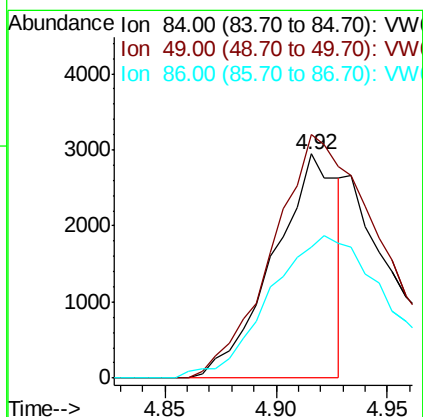
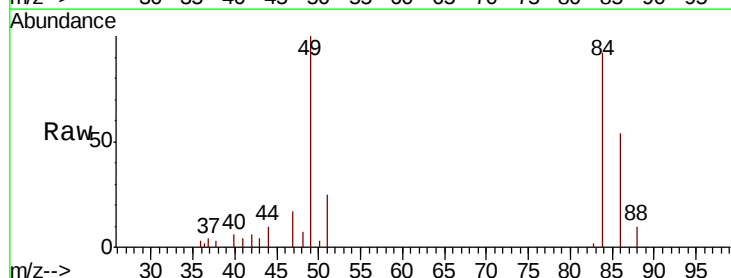
Instrument :
MSVOA_W
ClientSampled :
VIBLK23

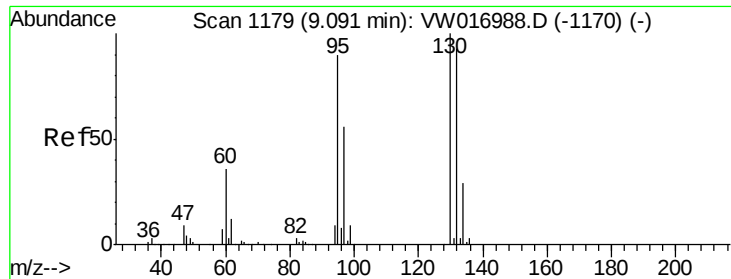
Tot Ion: 43 Resp: 1560
Ion Ratio Lower Upper
43 100
58 16.1 0.0 69.8



#16
Methylene chloride
Concen: 0.890 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016995.D
Acq: 26 Oct 2020 13:48

Tgt Ion: 84 Resp: 5934
Ion Ratio Lower Upper
84 100
49 108.6 73.8 137.0
86 58.4 47.4 88.0





#35

Trichloroethene

Concen: 2.019 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW016995.D

Acq: 26 Oct 2020 13:48

Instrument :

MSVOA_W

ClientSampled :

VIBLK23

Tot Ion: 95 Resp: 14206

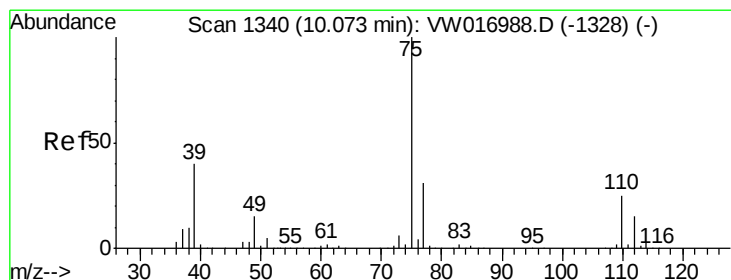
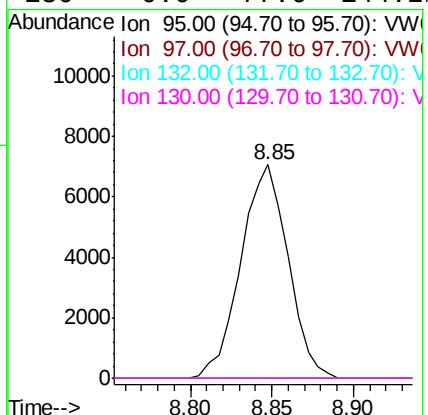
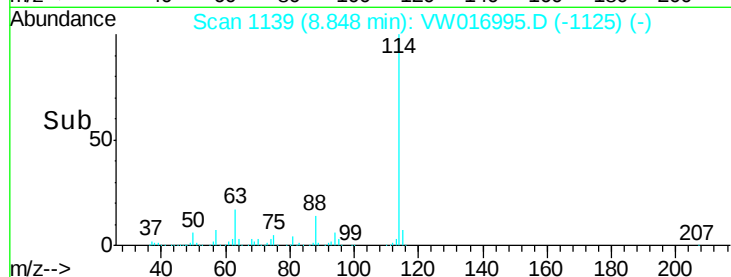
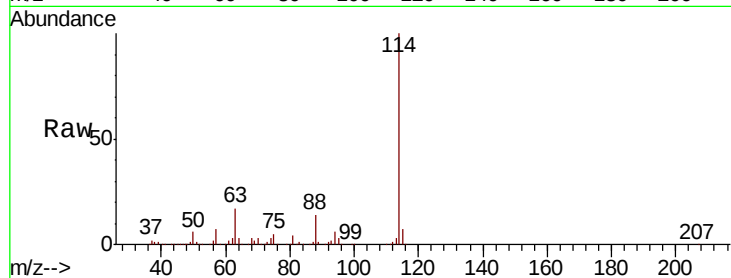
Ion Ratio Lower Upper

95 100

97 0.3 46.0 85.4#

132 0.0 73.9 137.3#

130 0.0 77.6 144.2#



#42

cis-1,3-Dichloropropene

Concen: 0.588 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016995.D

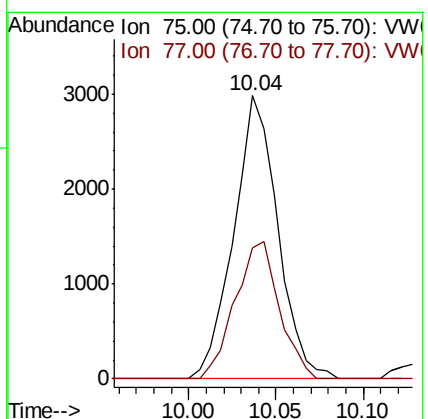
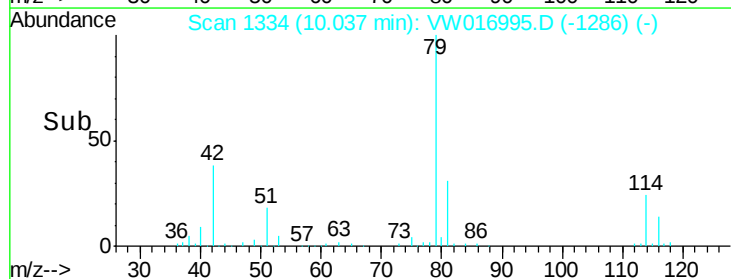
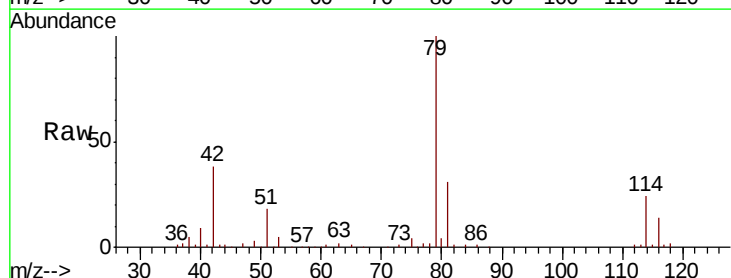
Acq: 26 Oct 2020 13:48

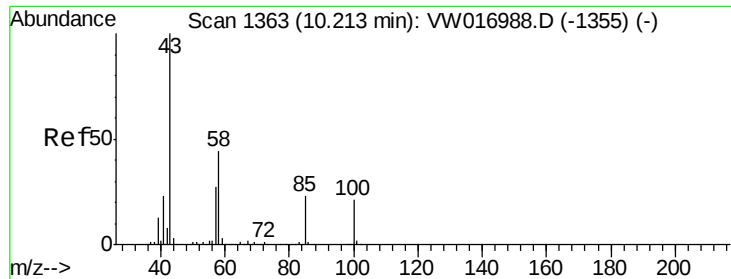
Tgt Ion: 75 Resp: 5221

Ion Ratio Lower Upper

75 100

77 46.5 22.7 42.1#





#43

4-Methyl-2-pentanone

Concen: 2.871 ug/L

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW016995.D

Acq: 26 Oct 2020 13:48

Instrument :

MSVOA_W

ClientSampled :

VIBLK23

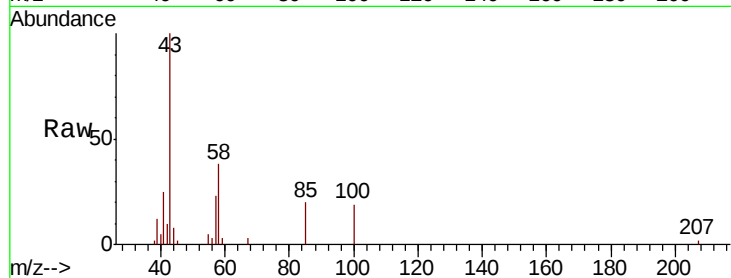
Tot Ion: 43 Resp: 7724

Ion Ratio Lower Upper

43 100

58 38.1 34.4 51.6

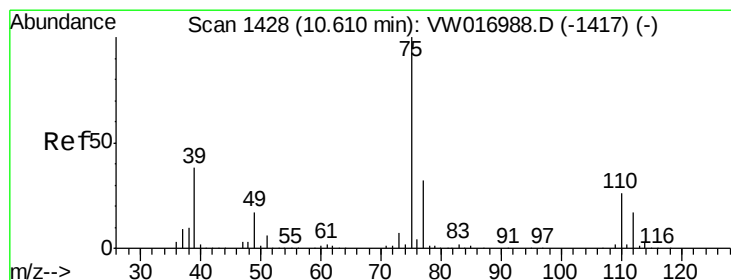
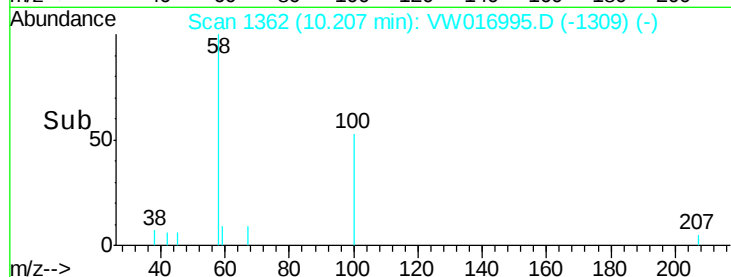
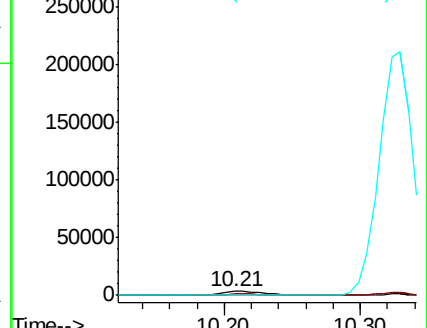
100 18.3 16.2 24.2



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: 0.451 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016995.D

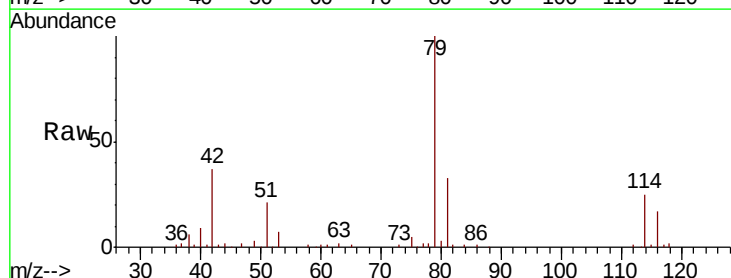
Acq: 26 Oct 2020 13:48

Tgt Ion: 75 Resp: 3316

Ion Ratio Lower Upper

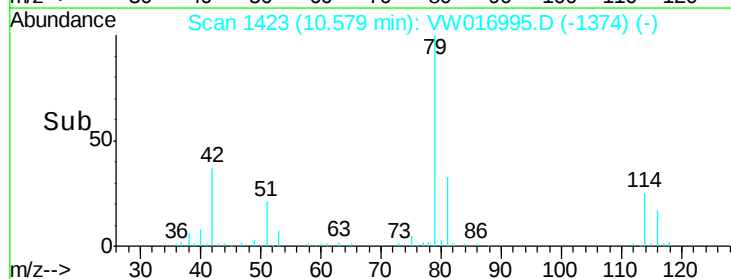
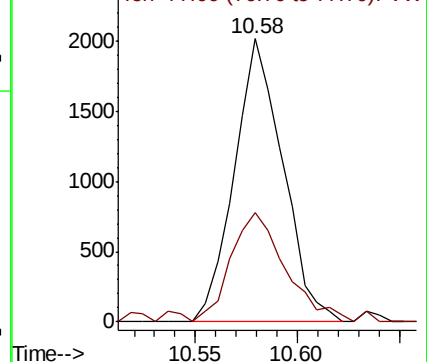
75 100

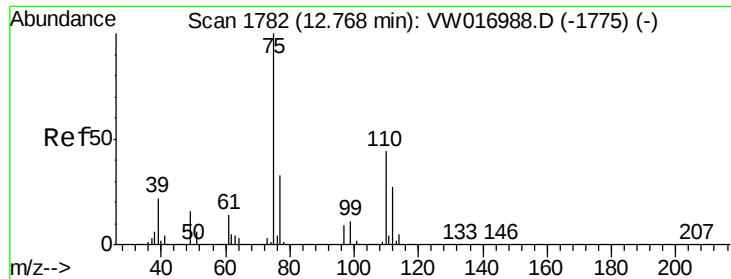
77 38.7 22.7 42.3



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#59

1,2,3-Trichloropropane

Concen: 6.525 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016995.D

Acq: 26 Oct 2020 13:48

Instrument :

MSVOA_W

ClientSampleId :

VIBLK23

Tot Ion: 75 Resp: 22765

Ion Ratio Lower Upper

75 100

77 35.9 25.8 38.8

