

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103020\
 Data File : VW017032.D
 Acq On : 30 Oct 2020 10:41
 Operator : SY/VA
 Sample : VW1030SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 31 05:49:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 31 05:42:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	467178	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	421378	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	195708	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	124716	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.52%
7) Chloroethane-d5	2.90	69	107812	25.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.24%
10) 1,1-Dichloroethene-d2	4.03	63	193190	18.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.68%
20) 2-Butanone-d5	7.09	46	51877	51.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.16%
24) Chloroform-d	7.65	84	285953	26.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.16%
26) 1,2-Dichloroethane-d4	8.31	65	133634	26.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.40%
29) Benzene-d6	8.28	84	588021	27.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.68%
33) 1,2-Dichloropropane-d6	9.28	67	160672	27.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.00%
37) Toluene-d8	10.33	98	546428	26.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.24%
38) trans-1,3-Dichloropropene-	10.59	79	61948	24.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.92%
39) 2-Hexanone-d5	10.93	63	42139	51.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	115834	26.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	194808	28.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.28%

Target Compounds

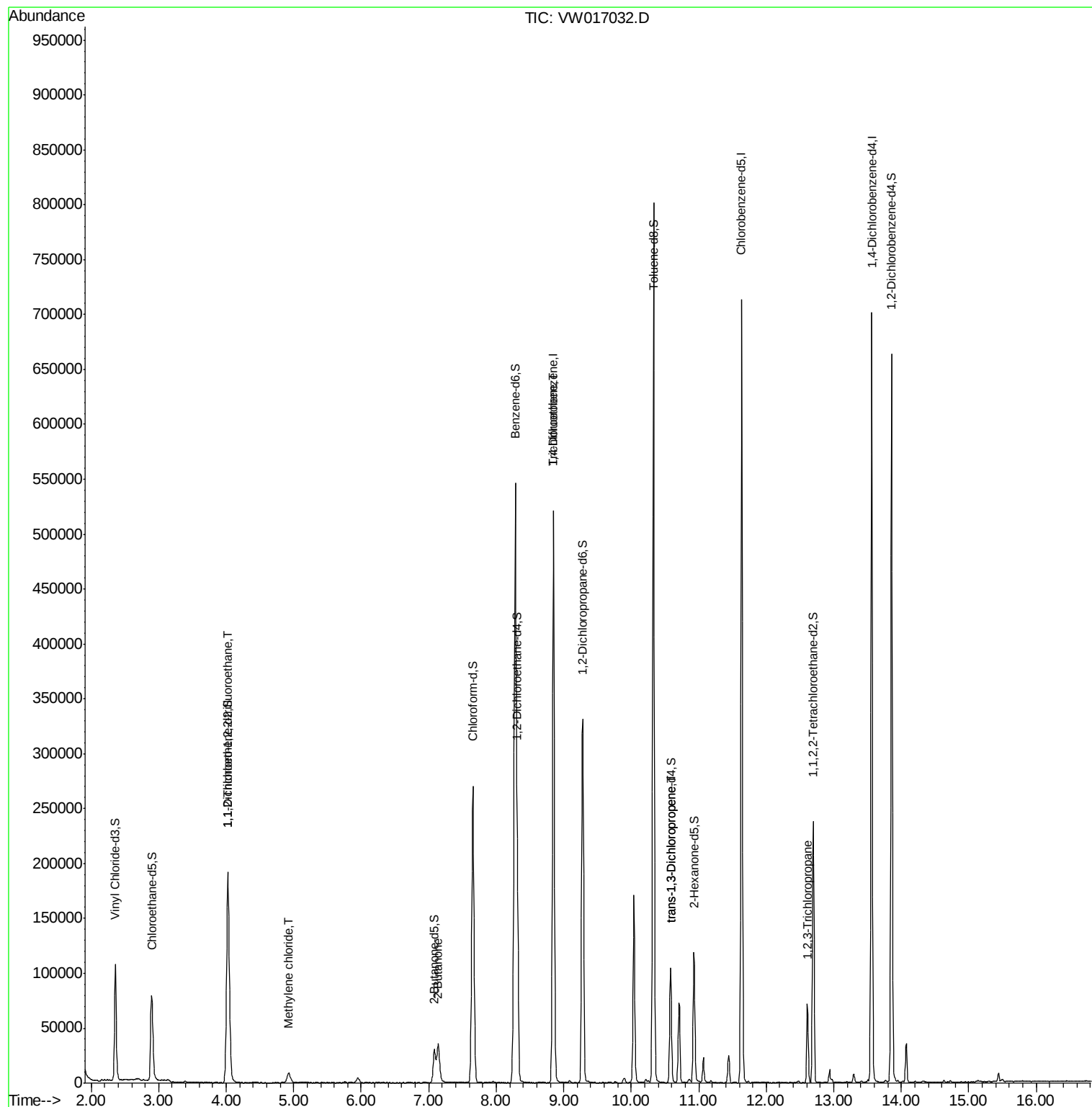
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1991	0.309 ug/L #	17
16) Methylene chloride	4.92	84	8058	1.305 ug/L	95
21) 2-Butanone	7.13	43	1642	1.436 ug/L #	49
35) Trichloroethene	8.85	95	13182	2.045 ug/L #	2
45) trans-1,3-Dichloropropene	10.58	75	2847	0.423 ug/L	88
59) 1,2,3-Trichloropropane	12.61	75	831	0.260 ug/L	96

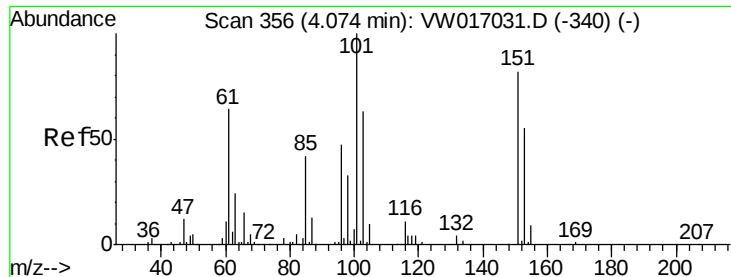
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 31 05:42:11 2020
Response via : Initial Calibration





#11

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

Concen: 0.309 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

Lab File: VW017032.D

Acq: 30 Oct 2020 10:41

Instrument :

MSVOA_W

ClientSampled :

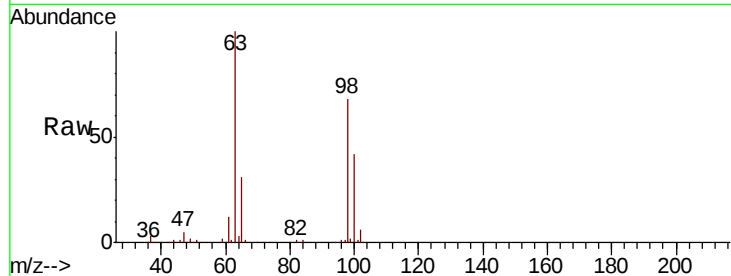
Tot Ion:101 Resp: 1991

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

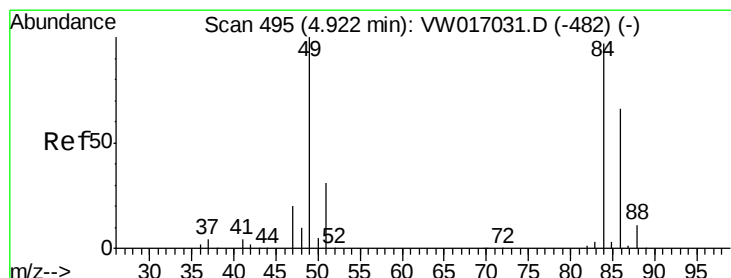
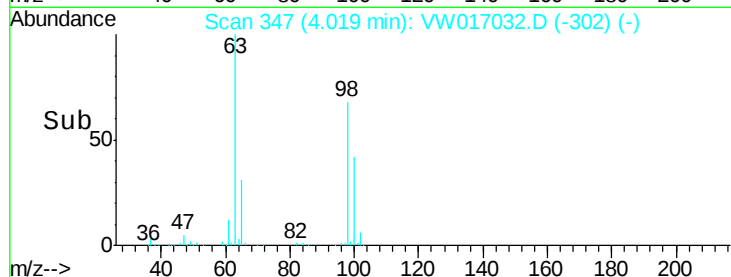
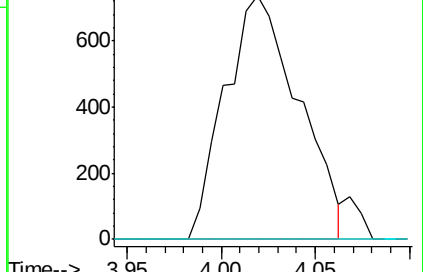
151 0.0 65.7 98.5#



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



#16

Methylene chloride

Concen: 1.305 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW017032.D

Acq: 30 Oct 2020 10:41

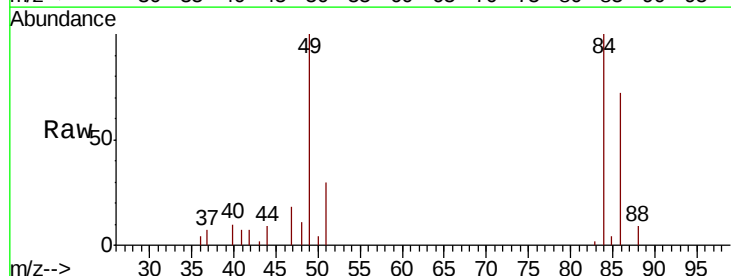
Tgt Ion: 84 Resp: 8058

Ion Ratio Lower Upper

84 100

49 100.1 73.8 137.0

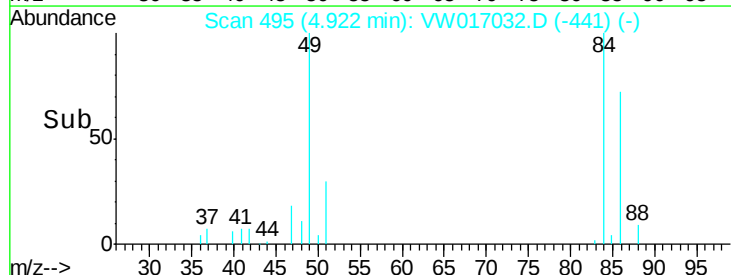
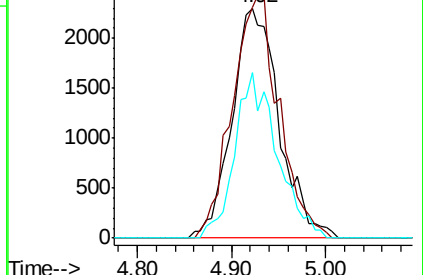
86 71.7 47.4 88.0

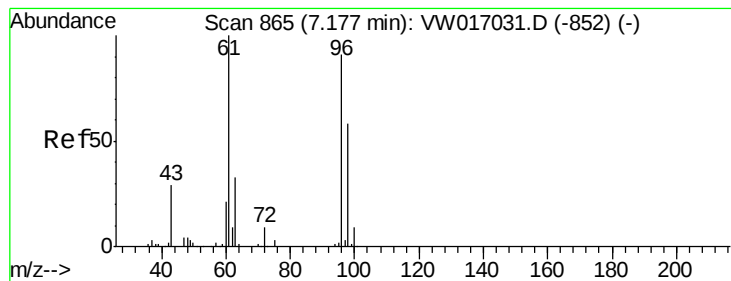


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 1.436 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW017032.D

Acq: 30 Oct 2020 10:41

Instrument :

MSVOA_W

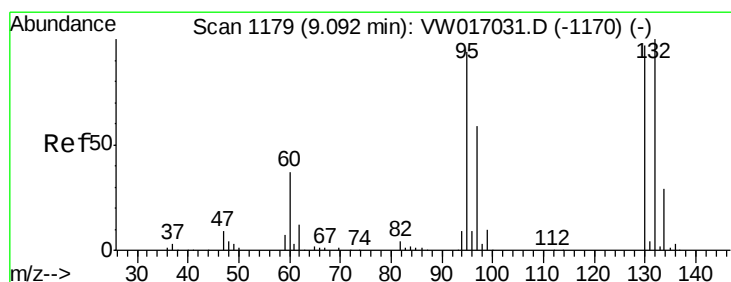
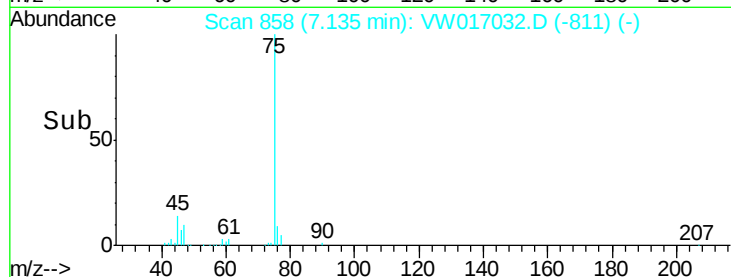
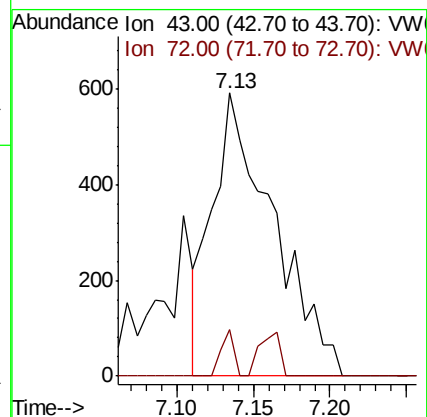
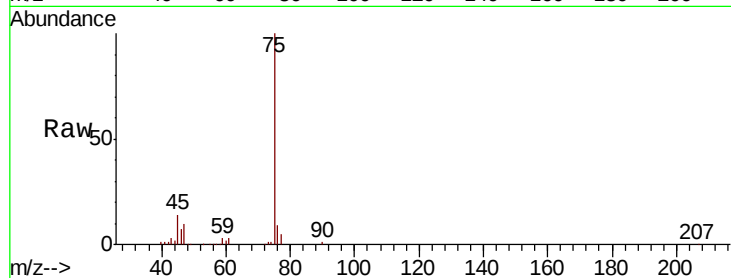
ClientSampleId :

Tot Ion: 43 Resp: 1642

Ion Ratio Lower Upper

43 100

72 3.4 16.1 48.2#



#35

Trichloroethene

Concen: 2.045 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW017032.D

Acq: 30 Oct 2020 10:41

Tgt Ion: 95 Resp: 13182

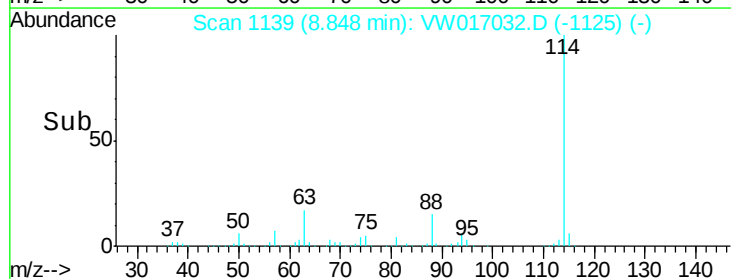
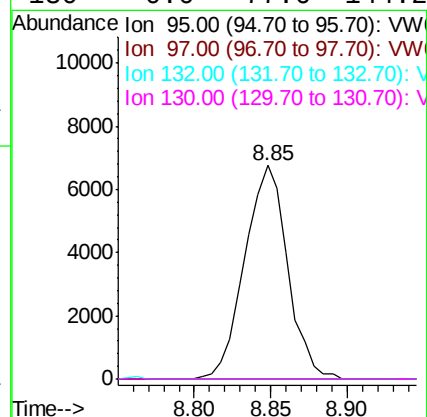
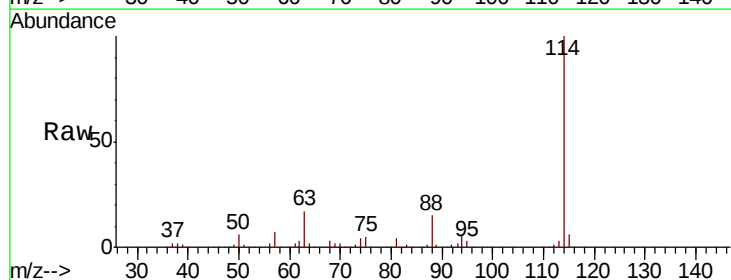
Ion Ratio Lower Upper

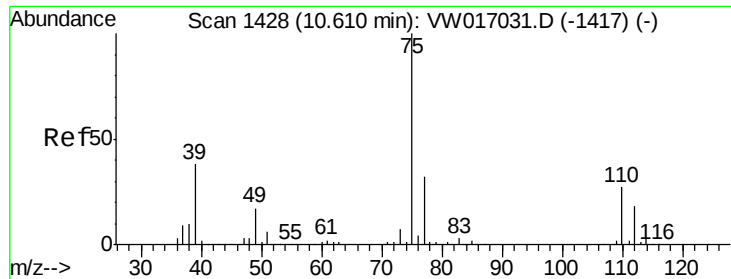
95 100

97 0.0 46.0 85.4#

132 0.6 73.9 137.3#

130 0.0 77.6 144.2#





#45

trans-1,3-Dichloropropene

Concen: 0.423 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017032.D

Acq: 30 Oct 2020 10:41

Instrument :

MSVOA_W

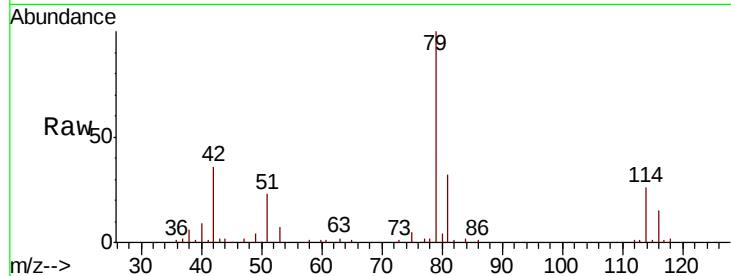
ClientSampleId :

Tot Ion: 75 Resp: 2847

Ion Ratio Lower Upper

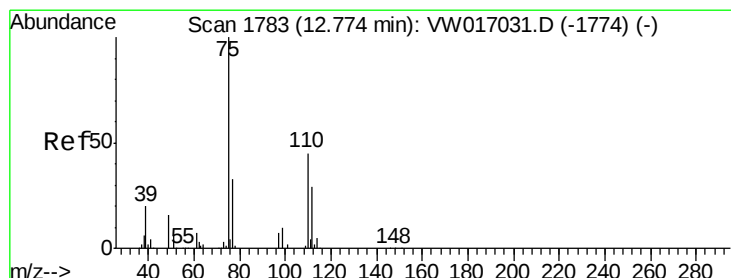
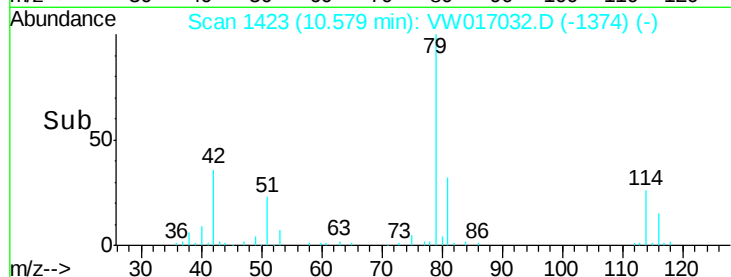
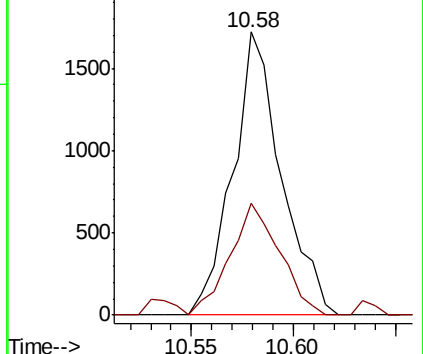
75 100

77 39.5 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: 0.260 ug/L

RT: 12.61 min Scan# 1756

Delta R.T. -0.16 min

Lab File: VW017032.D

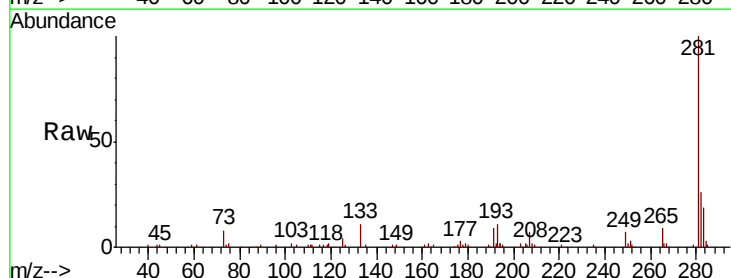
Acq: 30 Oct 2020 10:41

Tgt Ion: 75 Resp: 831

Ion Ratio Lower Upper

75 100

77 34.5 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

