

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102320\
 Data File : VW016985.D
 Acq On : 23 Oct 2020 16:31
 Operator : SY/VA
 Sample : L4471-06
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 00:34:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 24 00:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	471379	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	433916	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	216014	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	125955	23.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.60%
7) Chloroethane-d5	2.89	69	96241	22.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.32%
10) 1,1-Dichloroethene-d2	4.02	63	182689	17.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.04%
20) 2-Butanone-d5	7.09	46	59997	58.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.08%
24) Chloroform-d	7.65	84	254380	23.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	8.31	65	133298	26.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.20%
29) Benzene-d6	8.27	84	529958	23.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.12%
33) 1,2-Dichloropropane-d6	9.27	67	145986	24.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.04%
37) Toluene-d8	10.33	98	494570	23.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.28%
38) trans-1,3-Dichloropropene-	10.58	79	61479	24.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.32%
39) 2-Hexanone-d5	10.93	63	51914	61.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125608	27.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	188517	24.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.32%

Target Compounds

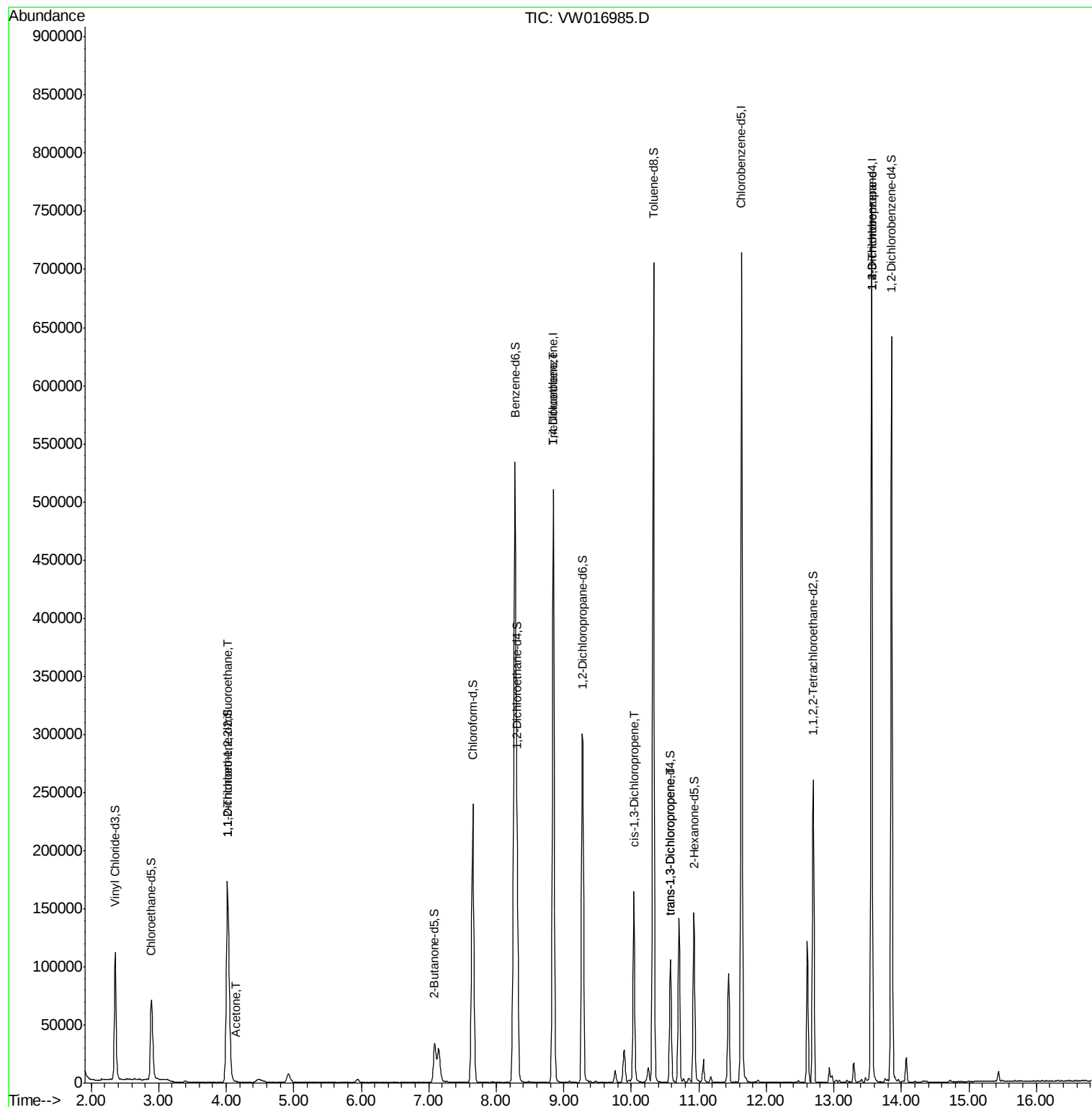
				Ovalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	2035	0.313 ug/L #	17
13) Acetone	4.15	43	783	1.135 ug/L	88
35) Trichloroethene	8.85	95	13298	2.003 ug/L #	1
42) cis-1,3-Dichloropropene	10.04	75	4264	0.509 ug/L #	52
45) trans-1,3-Dichloropropene	10.58	75	2716	0.392 ug/L #	78
59) 1,2,3-Trichloropropane	13.55	75	21117	6.416 ug/L	90

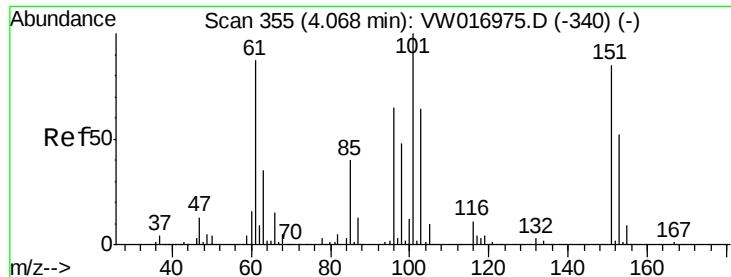
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 24 00:31:51 2020
Response via : Initial Calibration





#11

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

Concen: 0.313 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

Lab File: VW016985.D

Acq: 23 Oct 2020 16:31

Instrument :

MSVOA_W

ClientSampled :

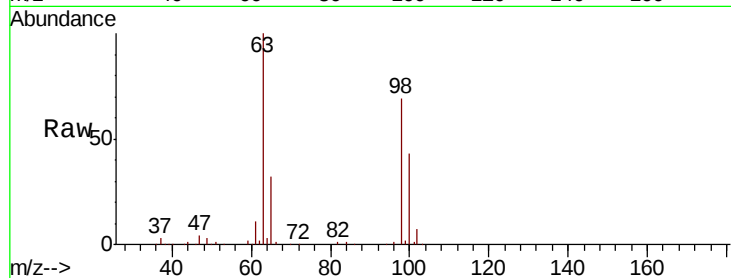
Tot Ion:101 Resp: 2035

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

4.02

600

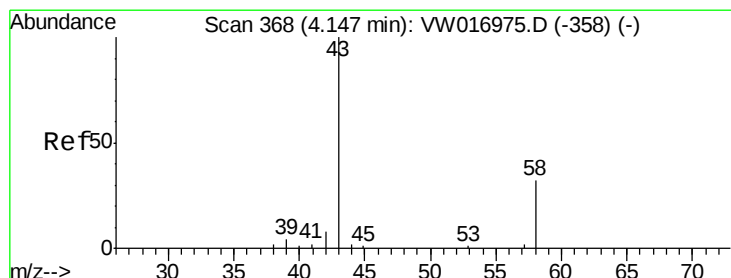
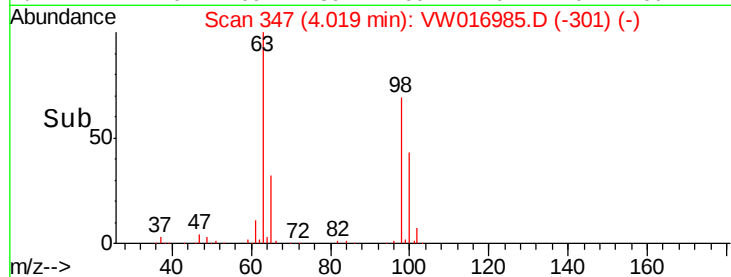
400

200

0

3.95 4.00 4.05 4.10

Time-->



#13

Acetone

Concen: 1.135 ug/L

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW016985.D

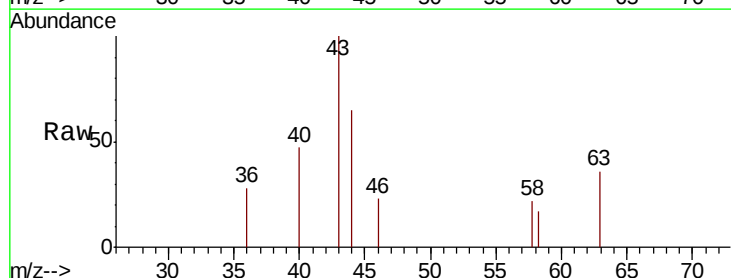
Acq: 23 Oct 2020 16:31

Tgt Ion: 43 Resp: 783

Ion Ratio Lower Upper

43 100

58 28.2 0.0 69.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

400

300

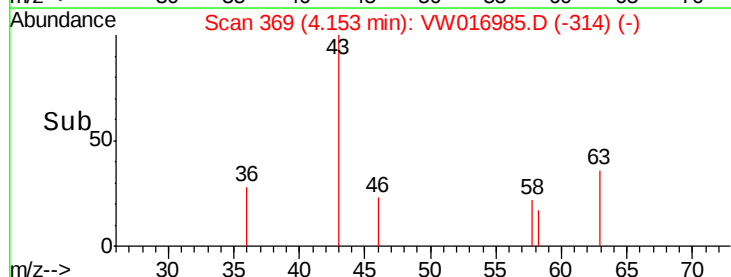
200

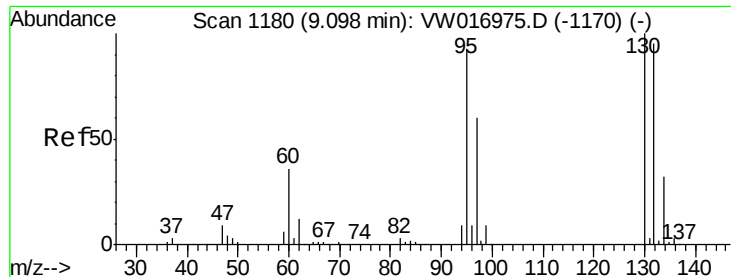
100

0

4.10 4.12 4.14 4.16

Time-->

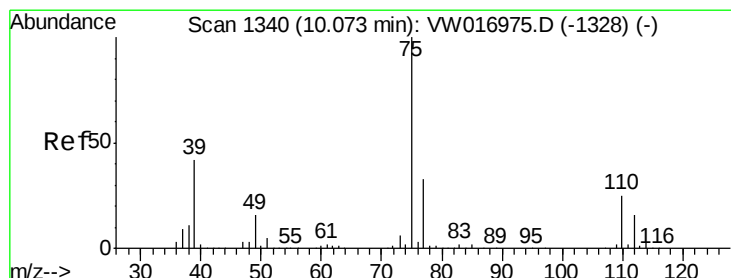
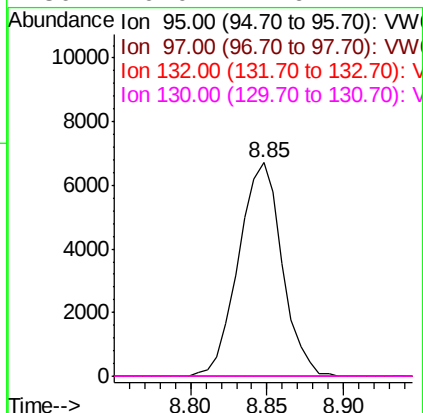
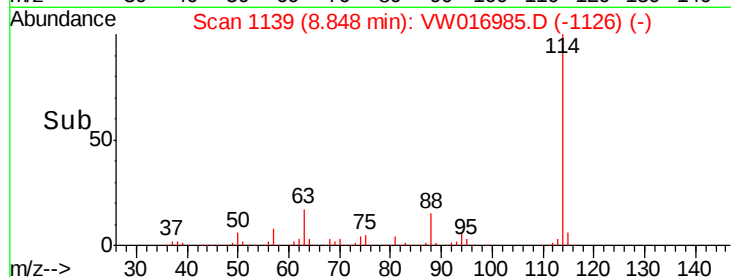
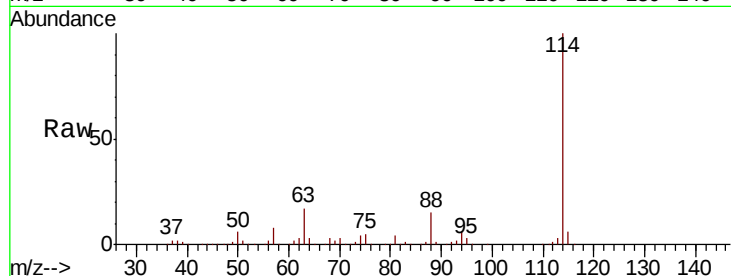




#35
 Trichloroethene
 Concen: 2.003 ug/L
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.25 min
 Lab File: VW016985.D
 Acq: 23 Oct 2020 16:31

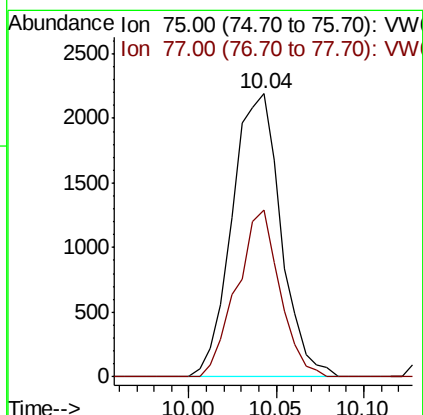
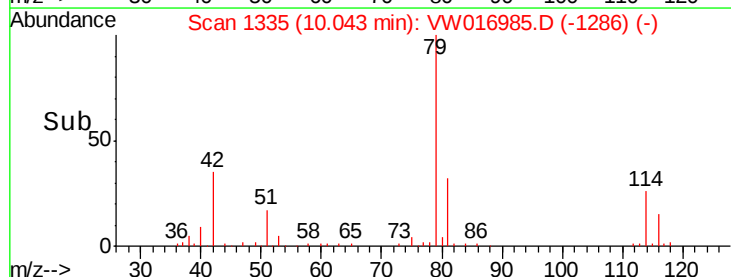
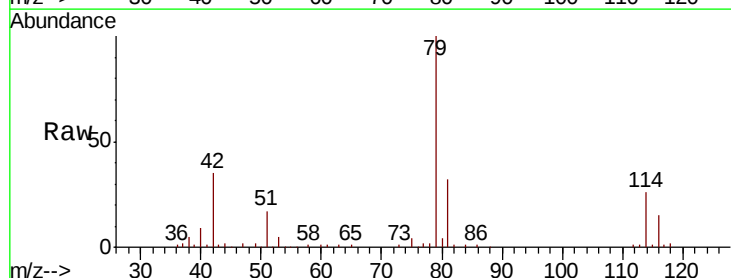
Instrument :
 MSVOA_W
 ClientSampled :

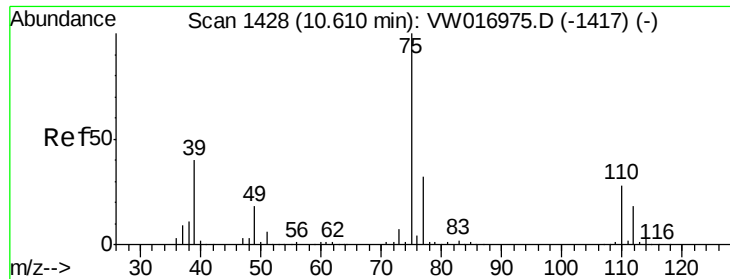
Tot Ion: 95 Resp: 13298
 Ion Ratio Lower Upper
 95 100
 97 0.0 46.0 85.4#
 132 0.0 73.9 137.3#
 130 0.0 77.6 144.2#



#42
 cis-1,3-Dichloropropene
 Concen: 0.509 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW016985.D
 Acq: 23 Oct 2020 16:31

Tgt Ion: 75 Resp: 4264
 Ion Ratio Lower Upper
 75 100
 77 59.1 22.7 42.1#





#45

trans-1,3-Dichloropropene

Concen: 0.392 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016985.D

Acq: 23 Oct 2020 16:31

Instrument :

MSVOA_W

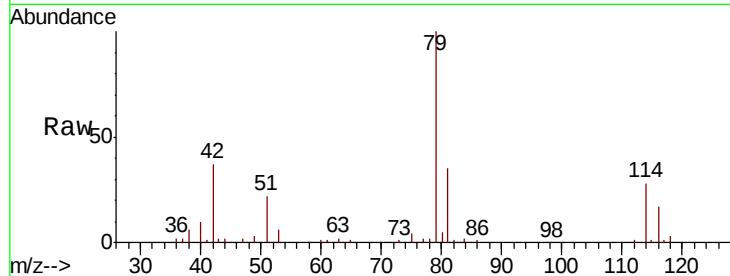
ClientSampleId :

Tot Ion: 75 Resp: 2716

Ion Ratio Lower Upper

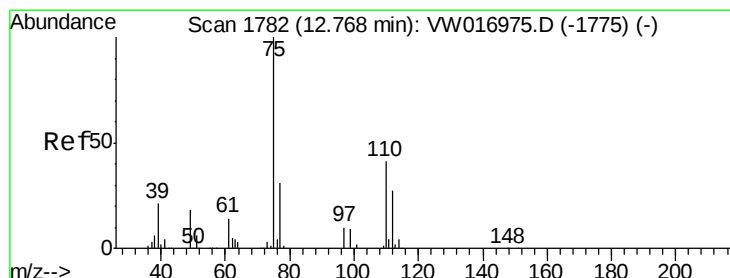
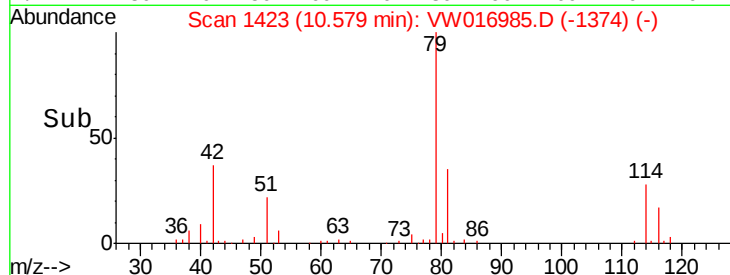
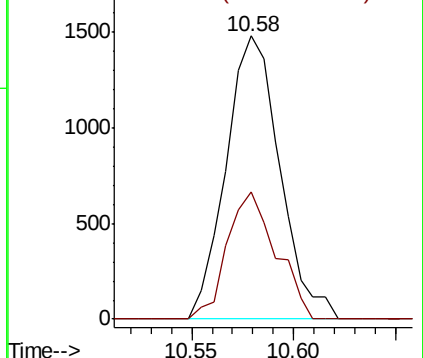
75 100

77 45.1 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: 6.416 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW016985.D

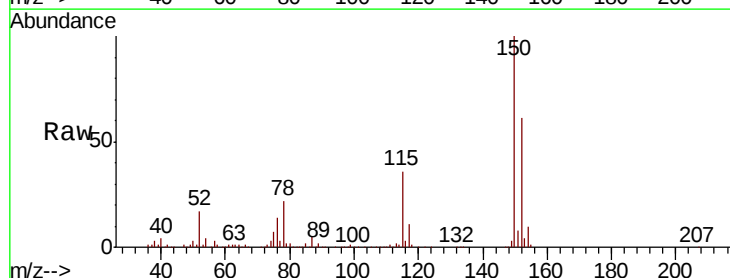
Acq: 23 Oct 2020 16:31

Tgt Ion: 75 Resp: 21117

Ion Ratio Lower Upper

75 100

77 38.2 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

