

Data File : VW014015.D
Acq On : 14 Nov 2019 12:48
Operator : SY/VA
Sample : K5798-10
Misc : 3.82G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFLW8

Quant Time: Nov 15 01:49:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 15 01:46:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	379889	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	348083	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	165732	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	128005	21.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.48%
7) Chloroethane-d5	2.89	69	112749	22.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.80%
10) 1,1-Dichloroethene-d2	4.01	63	199911	16.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.28%
20) 2-Butanone-d5	7.07	46	99273	56.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.76%
24) Chloroform-d	7.64	84	279667	23.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.76%
26) 1,2-Dichloroethane-d4	8.31	65	158909	27.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.24%
29) Benzene-d6	8.27	84	623682	25.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.00%
33) 1,2-Dichloropropane-d6	9.27	67	192313	26.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.32%
37) Toluene-d8	10.32	98	555421	23.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.88%
38) trans-1,3-Dichloropropene-	10.57	79	73984	23.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.52%
39) 2-Hexanone-d5	10.92	63	77221	56.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	144574	26.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	169288	25.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.68%

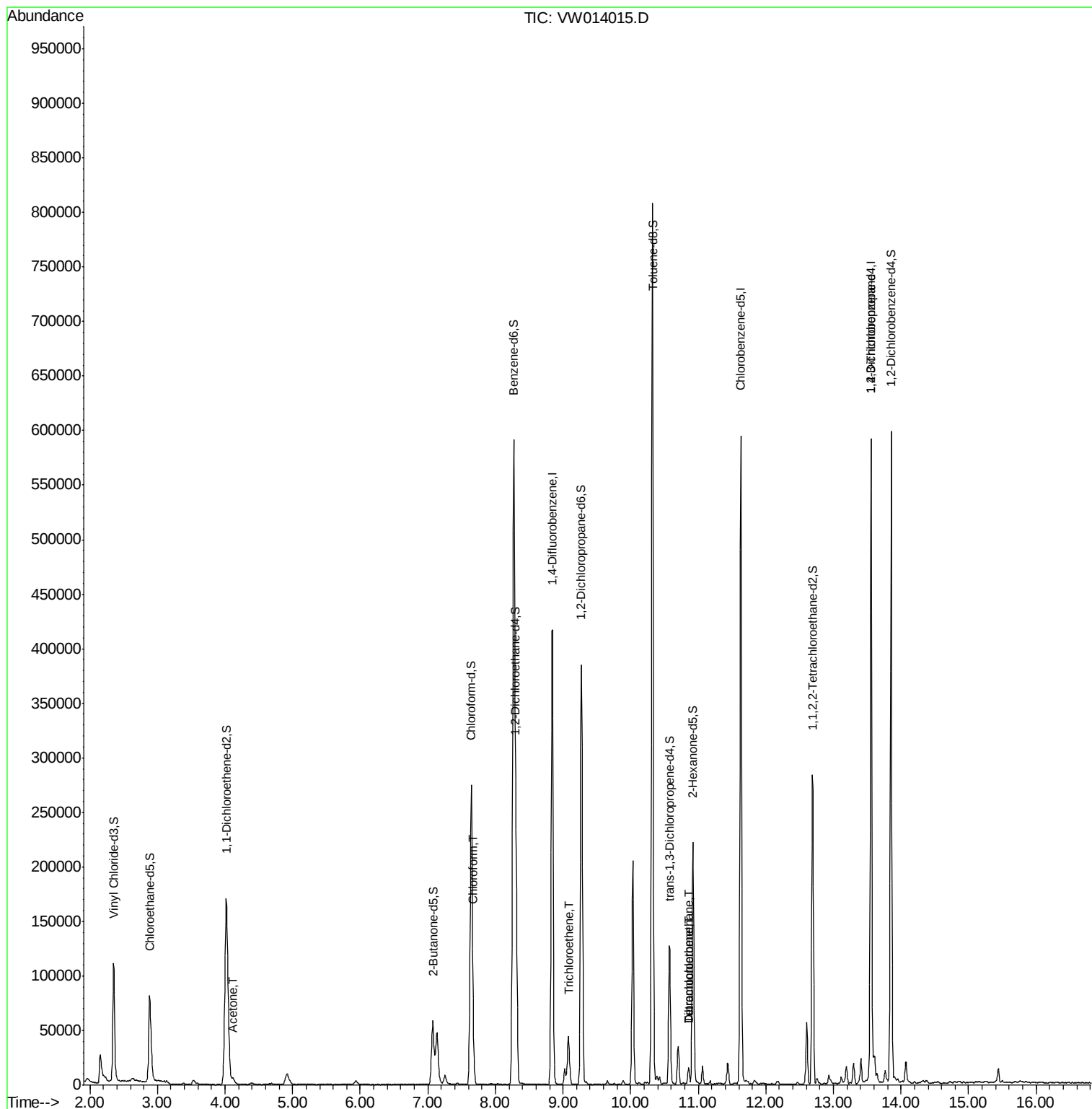
Target Compounds					Qvalue
13) Acetone	4.12	43	8466	4.725 ug/L	69
25) Chloroform	7.67	83	12510	1.131 ug/L	76
35) Trichloroethene	9.09	95	6496	0.954 ug/L	92
47) Tetrachloroethene	10.86	164	3517	0.579 ug/L	95
50) Dibromochloromethane	10.86	129	3187	0.600 ug/L #	10
59) 1,2,3-Trichloropropane	13.55	75	16975	4.281 ug/L	95

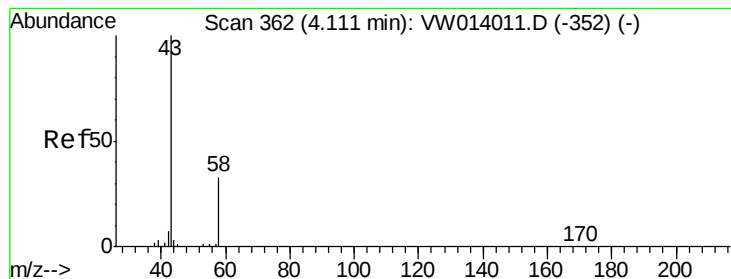
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.725 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

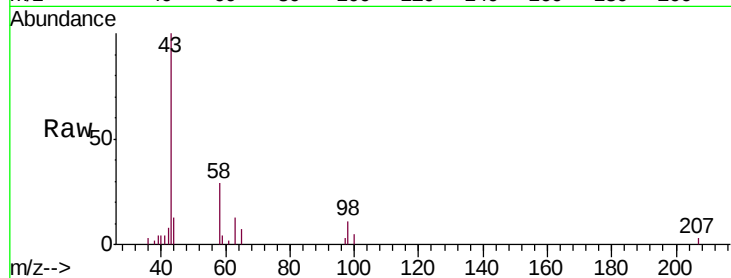
BFLW8

Tgt Ion: 43 Resp: 8466

Ion Ratio Lower Upper

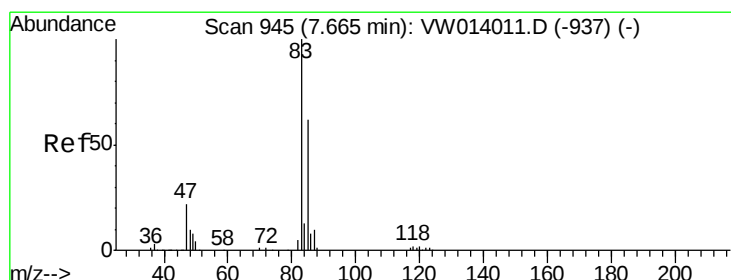
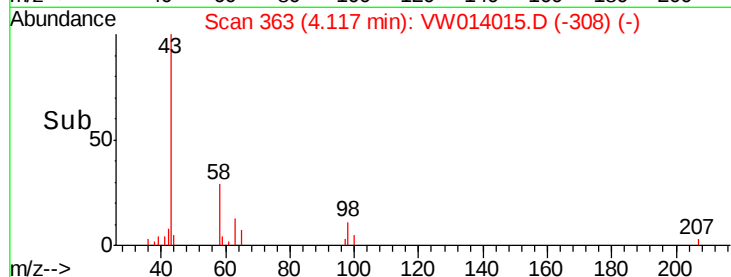
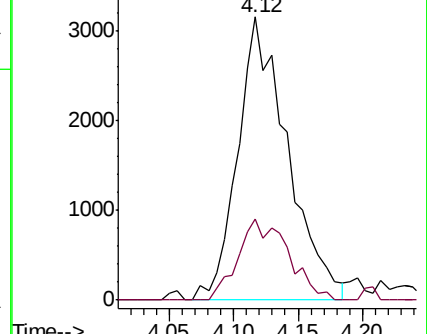
43 100

58 15.3 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#25

Chloroform

Concen: 1.131 ug/L

RT: 7.67 min Scan# 946

Delta R.T. 0.01 min

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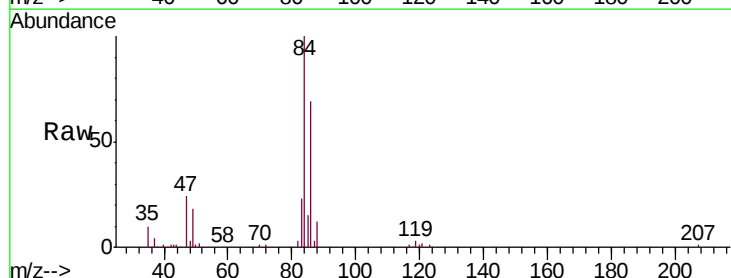
Acq: 14 Nov 2019 12:48

Tgt Ion: 83 Resp: 12510

Ion Ratio Lower Upper

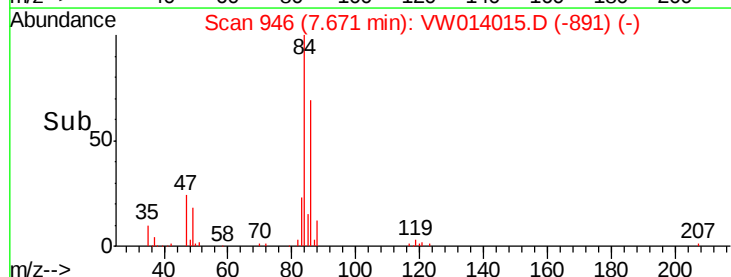
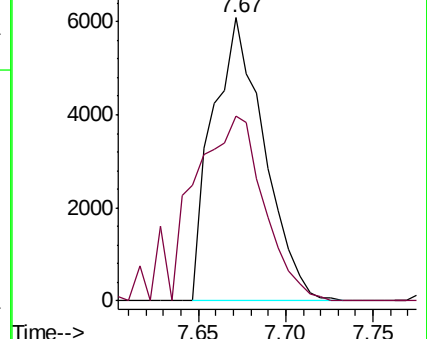
83 100

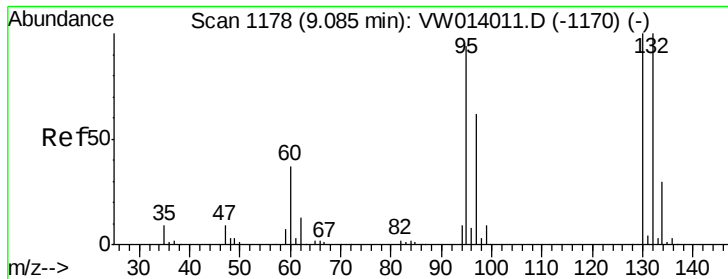
85 85.2 46.1 85.7



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW





#35

Trichloroethene

Concen: 0.954 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

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BFLW8

Tgt Ion: 95 Resp: 6496

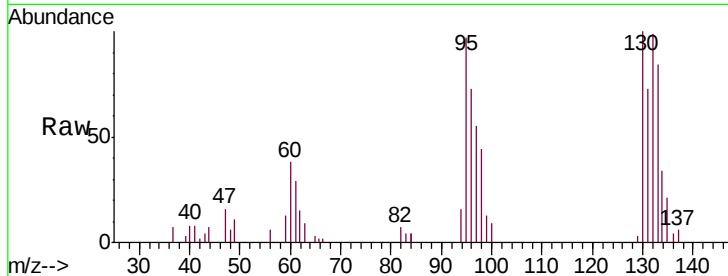
Ion Ratio Lower Upper

95 100

97 70.6 45.1 83.9

132 114.0 73.7 136.9

130 117.1 76.6 142.2

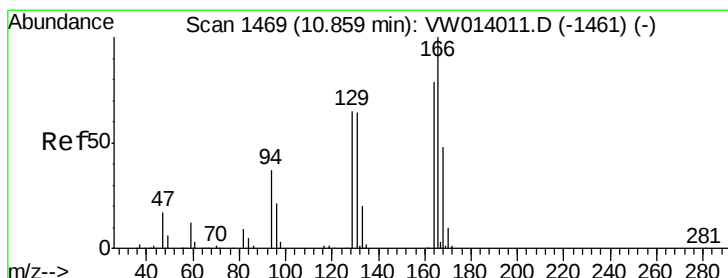
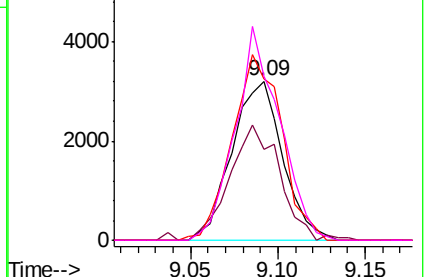
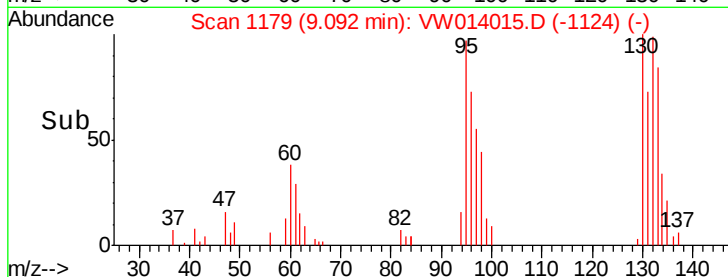


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#47

Tetrachloroethene

Concen: 0.579 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW014015.D

Acq: 14 Nov 2019 12:48

Tgt Ion: 164 Resp: 3517

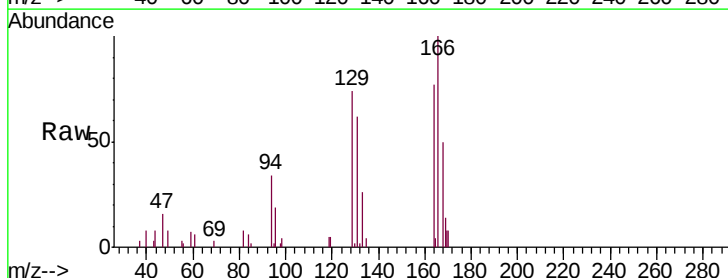
Ion Ratio Lower Upper

164 100

129 96.7 60.6 112.6

131 80.8 59.1 109.7

166 130.7 90.8 168.6

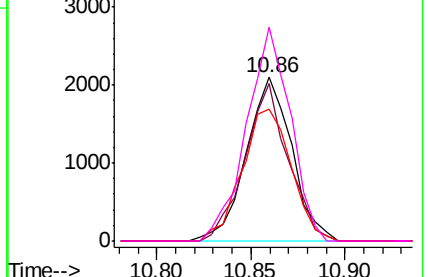
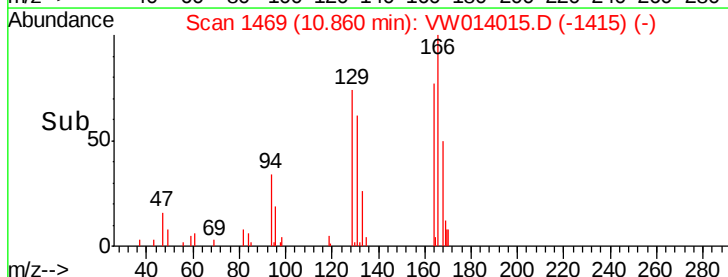


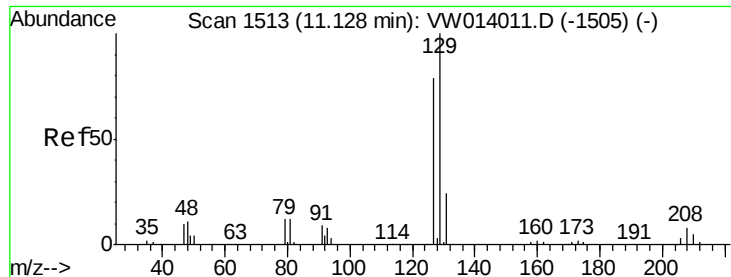
Abundance Ion 164.00 (163.70 to 164.70): V

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





#50

Dibromochloromethane

Concen: 0.600 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW014015.D

Acq: 14 Nov 2019 12:48

Instrument :

MSVOA_W

ClientSampleId :

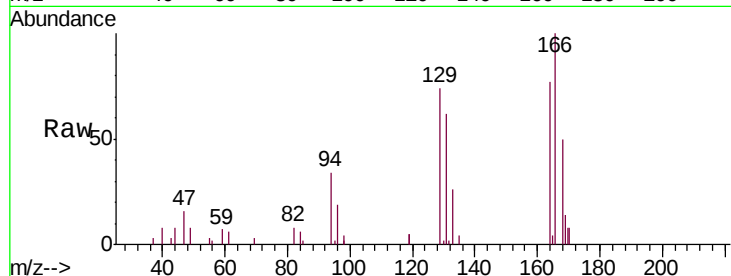
BFLW8

Tgt Ion:129 Resp: 3187

Ion Ratio Lower Upper

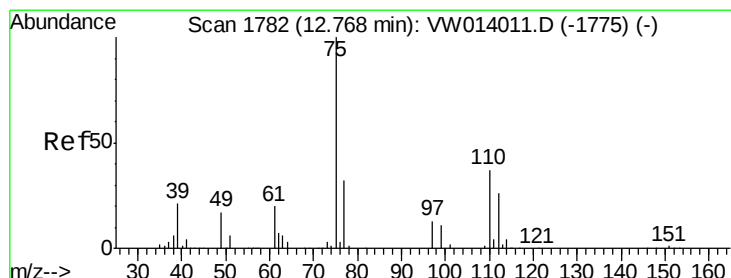
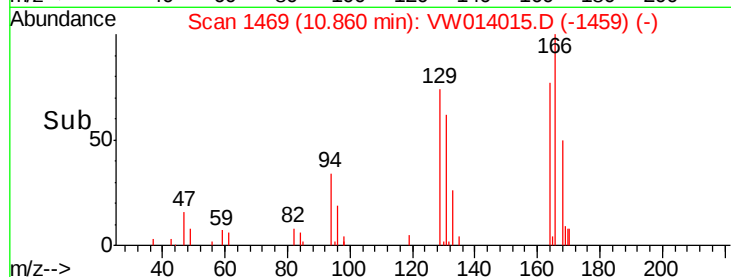
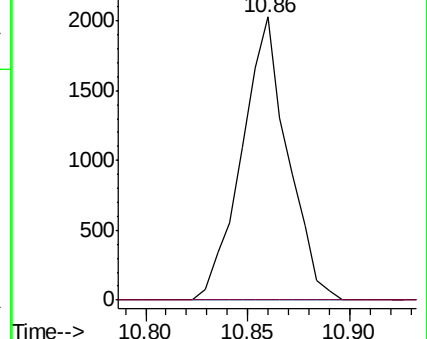
129 100

127 0.0 54.9 102.1#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 4.281 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014015.D

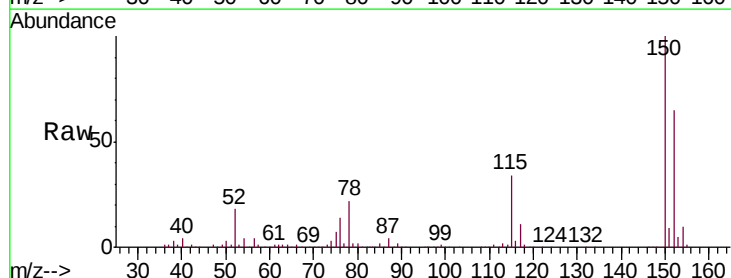
Acq: 14 Nov 2019 12:48

Tgt Ion: 75 Resp: 16975

Ion Ratio Lower Upper

75 100

77 35.4 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

