

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072018\
 Data File : VW004084.D
 Acq On : 20 Jul 2018 18:27
 Operator : SY/AP
 Sample : J4037-12
 Misc : 6.04G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 21 04:57:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 04:54:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	256492	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	243167	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	94666	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	55759	21.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.92%
7) Chloroethane-d5	2.89	69	41462	22.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.68%
10) 1,1-Dichloroethene-d2	4.01	63	95663	15.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.88%
20) 2-Butanone-d5	7.09	46	67618	45.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.90%
24) Chloroform-d	7.65	84	154573	25.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.56%
26) 1,2-Dichloroethane-d4	8.31	65	96435	26.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.20%
29) Benzene-d6	8.28	84	268586	23.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.24%
33) 1,2-Dichloropropane-d6	9.28	67	98539	26.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.76%
37) Toluene-d8	10.33	98	223346	22.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.16%
38) trans-1,3-Dichloropropene-	10.58	79	38508	23.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.16%
39) 2-Hexanone-d5	10.93	63	51038	50.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.80%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	106301	25.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	82809	27.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.80%

Target Compounds

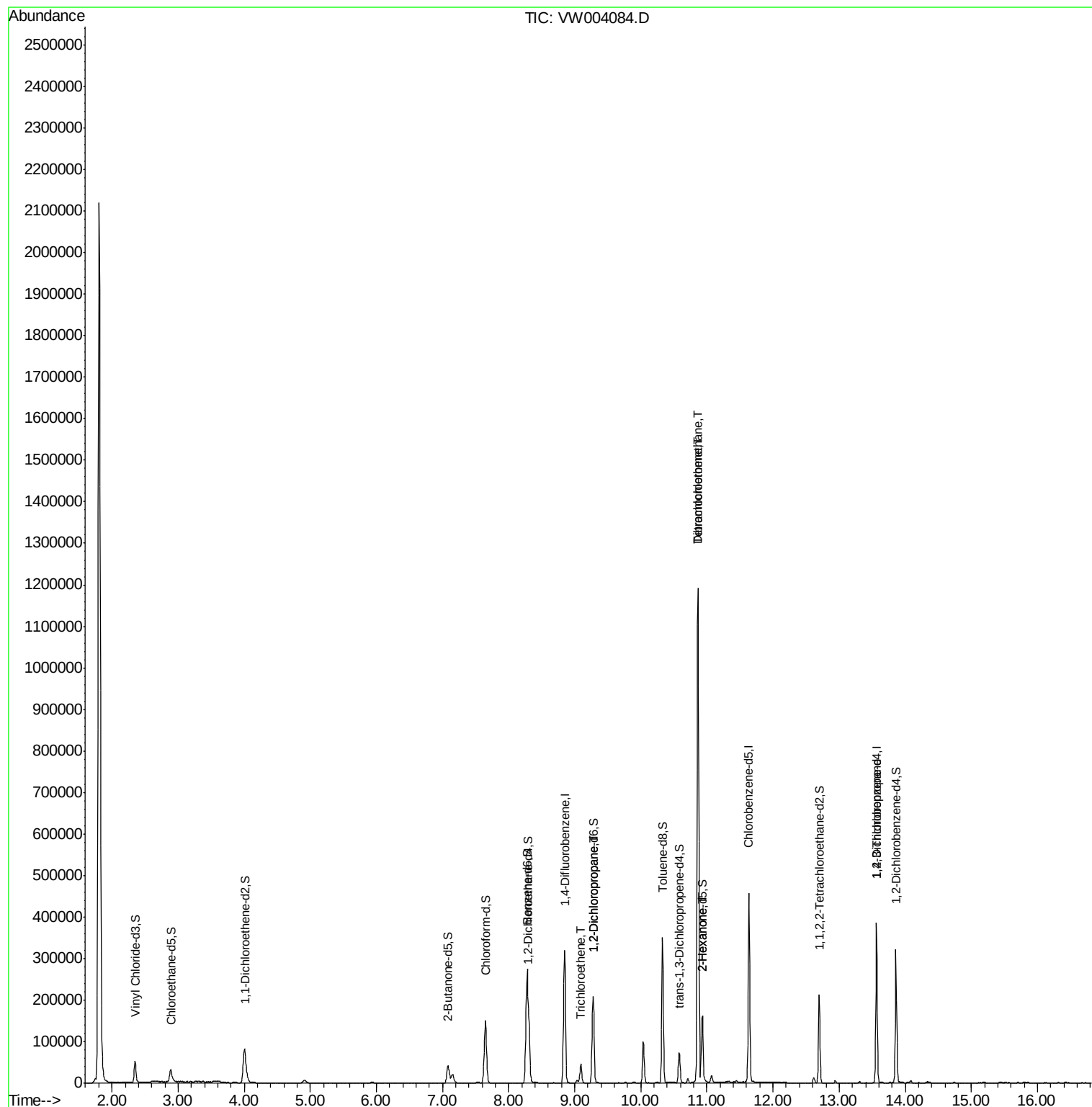
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
35) Trichloroethene	9.09	95	14932	3.744	ug/L	97
40) 1,2-Dichloropropane	9.27	63	11027	2.729	ug/L #	89
47) Tetrachloroethene	10.87	164	259354	80.634	ug/L	92
49) 2-Hexanone	10.93	43	8909	3.240	ug/L #	68
50) Dibromochloromethane	10.87	129	252489	71.770	ug/L #	9
59) 1,2,3-Trichloropropane	13.57	75	12078	3.476	ug/L	89

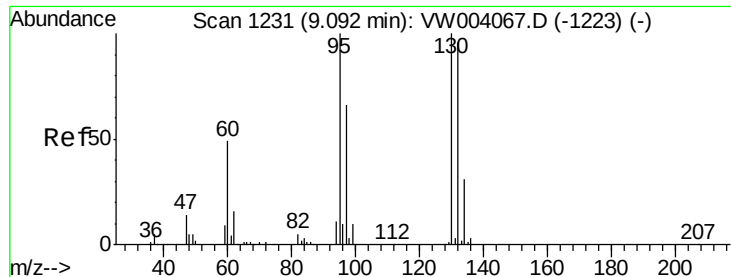
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 21 04:54:15 2018
Response via : Initial Calibration





#35

Trichloroethene

Concen: 3.744 ug/L

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW004084.D

Acq: 20 Jul 2018 18:27

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 14932

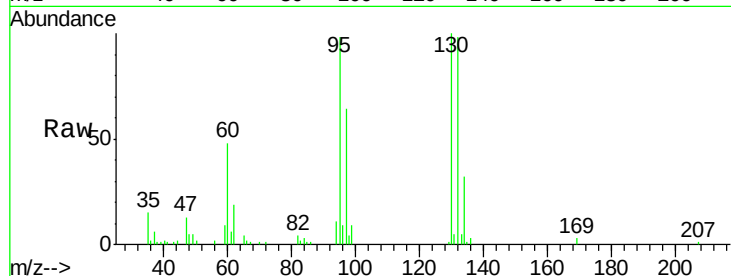
Ion Ratio Lower Upper

95 100

97 65.5 44.7 83.1

132 97.3 66.1 122.7

130 102.5 68.9 127.9

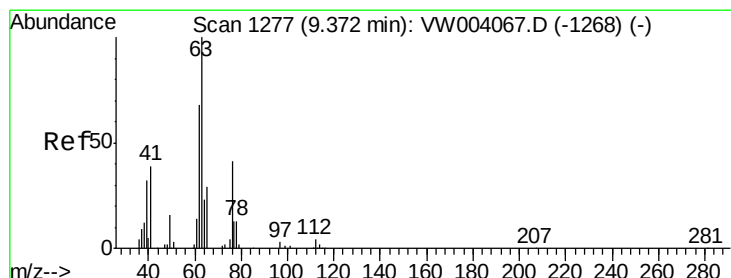
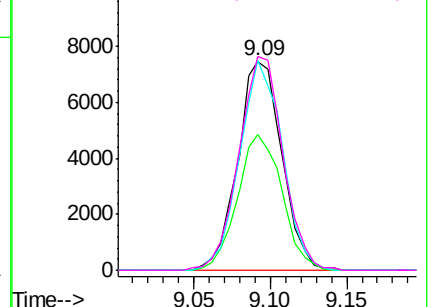
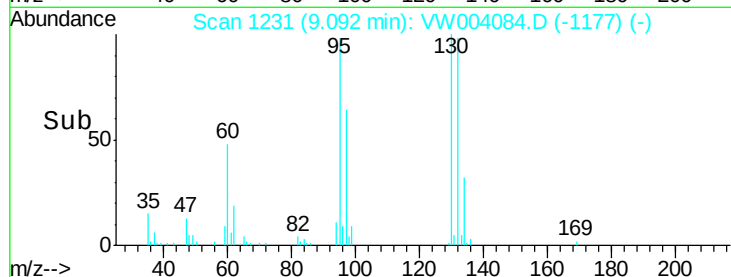


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#40

1,2-Dichloropropane

Concen: 2.729 ug/L

RT: 9.27 min Scan# 1261

Delta R.T. -0.10 min

Lab File: VW004084.D

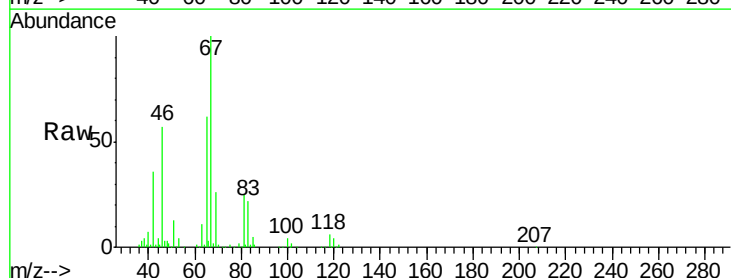
Acq: 20 Jul 2018 18:27

Tgt Ion: 63 Resp: 11027

Ion Ratio Lower Upper

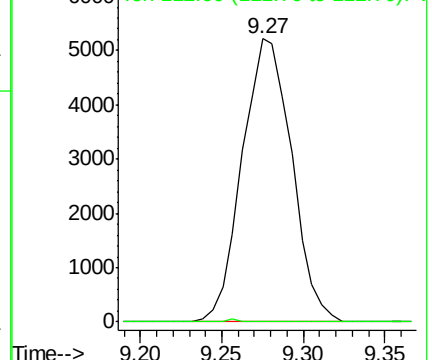
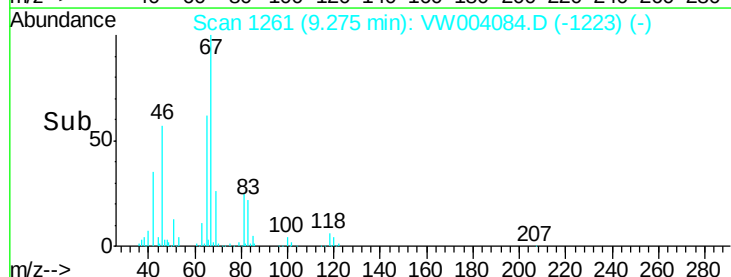
63 100

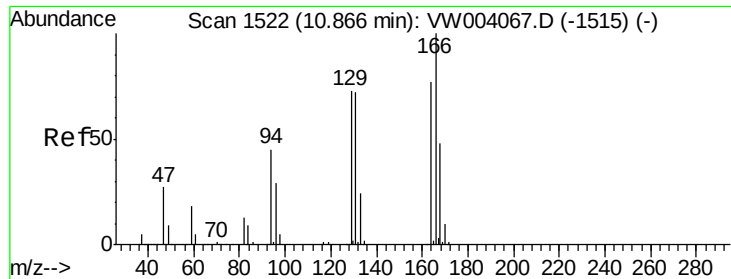
112 0.2 3.0 4.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#47

Tetrachloroethene

Concen: 80.634 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

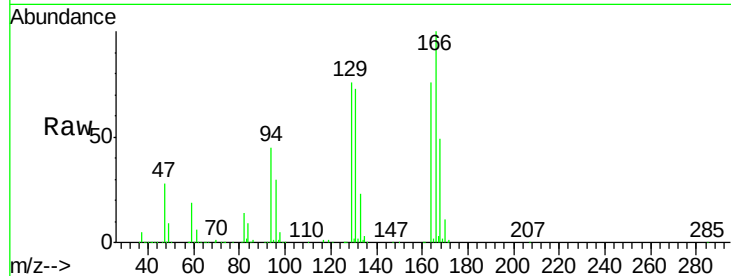
Lab File: VW004084.D

Acq: 20 Jul 2018 18:27

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion:164 Resp: 259354

Ion Ratio Lower Upper

164 100

129 99.5 63.1 117.3

131 94.8 62.8 116.6

166 130.7 84.6 157.2

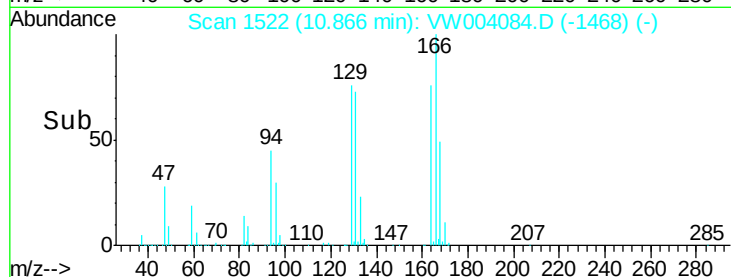
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

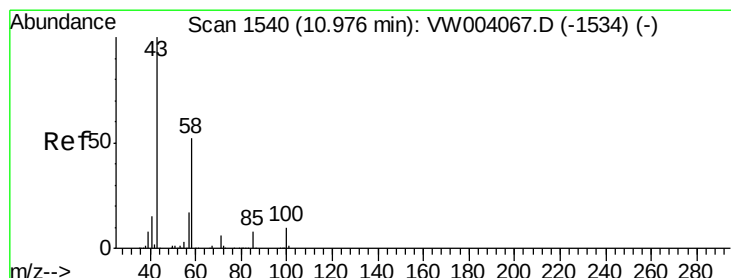
Ion 166.00 (165.70 to 166.70): V

Time-->



Abundance

Time-->



#49

2-Hexanone

Concen: 3.240 ug/L

RT: 10.93 min Scan# 1533

Delta R.T. -0.04 min

Lab File: VW004084.D

Acq: 20 Jul 2018 18:27

Tgt Ion: 43 Resp: 8909

Ion Ratio Lower Upper

43 100

58 23.2 40.4 60.6#

57 25.9 14.0 21.0#

100 2.5 8.2 12.2#

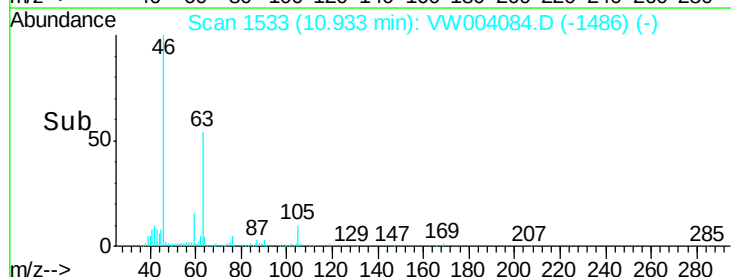
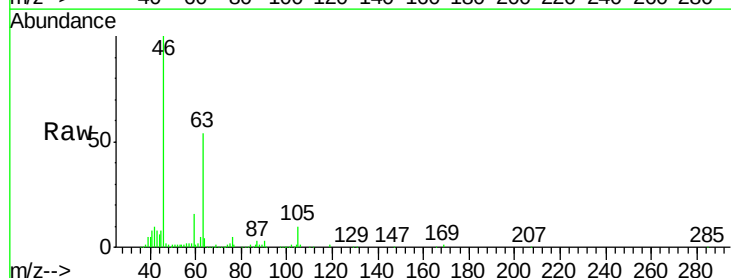
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

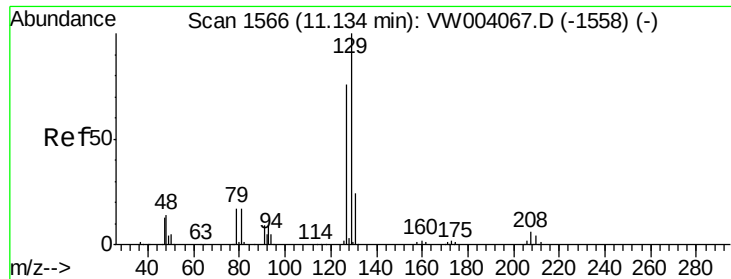
Ion 100.00 (99.70 to 100.70): VW

Time-->



Abundance

Time-->



#50

Dibromochloromethane

Concen: 71.770 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.27 min

Lab File: VW004084.D

Acq: 20 Jul 2018 18:27

Instrument :

MSVOA_W

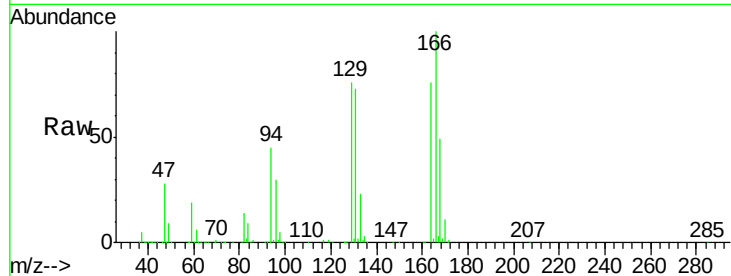
ClientSampled :

Tot Ion:129 Resp: 252489

Ion Ratio Lower Upper

129 100

127 0.1 56.1 104.3#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

150000

100000

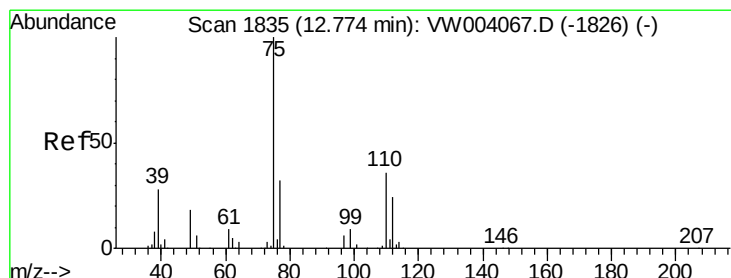
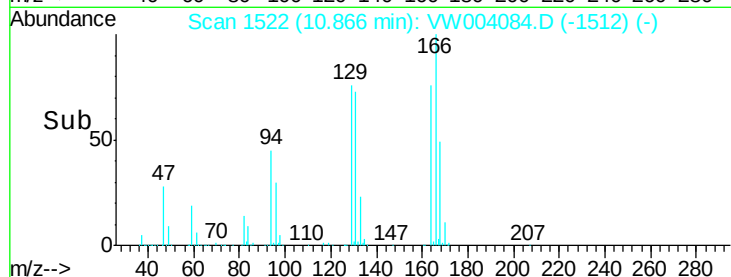
50000

0

10.87

10.80 10.85 10.90

Time-->



#59

1,2,3-Trichloropropane

Concen: 3.476 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW004084.D

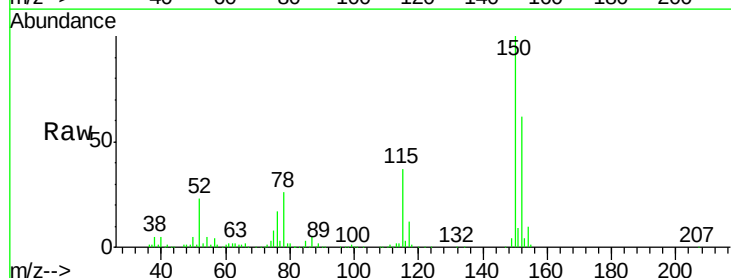
Acq: 20 Jul 2018 18:27

Tgt Ion: 75 Resp: 12078

Ion Ratio Lower Upper

75 100

77 37.8 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

8000

6000

4000

2000

0

13.57

13.50 13.55 13.60

Time-->

