

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009773.D
 Acq On : 06 Apr 2019 15:29
 Operator : SY/VA
 Sample : K2327-06
 Misc : 7.46G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2S3

Quant Time: Apr 07 04:00:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 03:56:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	466400	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	439581	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	176437	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	157612	25.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.28%
7) Chloroethane-d5	2.89	69	142657	25.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.04%
10) 1,1-Dichloroethene-d2	4.01	63	271041	20.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.60%
20) 2-Butanone-d5	7.07	46	94239	47.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.12%
24) Chloroform-d	7.65	84	355662	27.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.80%
26) 1,2-Dichloroethane-d4	8.30	65	212214	27.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.64%
29) Benzene-d6	8.27	84	670539	29.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.24%
33) 1,2-Dichloropropane-d6	9.27	67	205340	28.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.24%
37) Toluene-d8	10.32	98	602437	28.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.96%
38) trans-1,3-Dichloropropene-	10.58	79	86269	25.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.52%
39) 2-Hexanone-d5	10.93	63	67333	50.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	160578	24.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	186658	30.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	120.60%#

Target Compounds

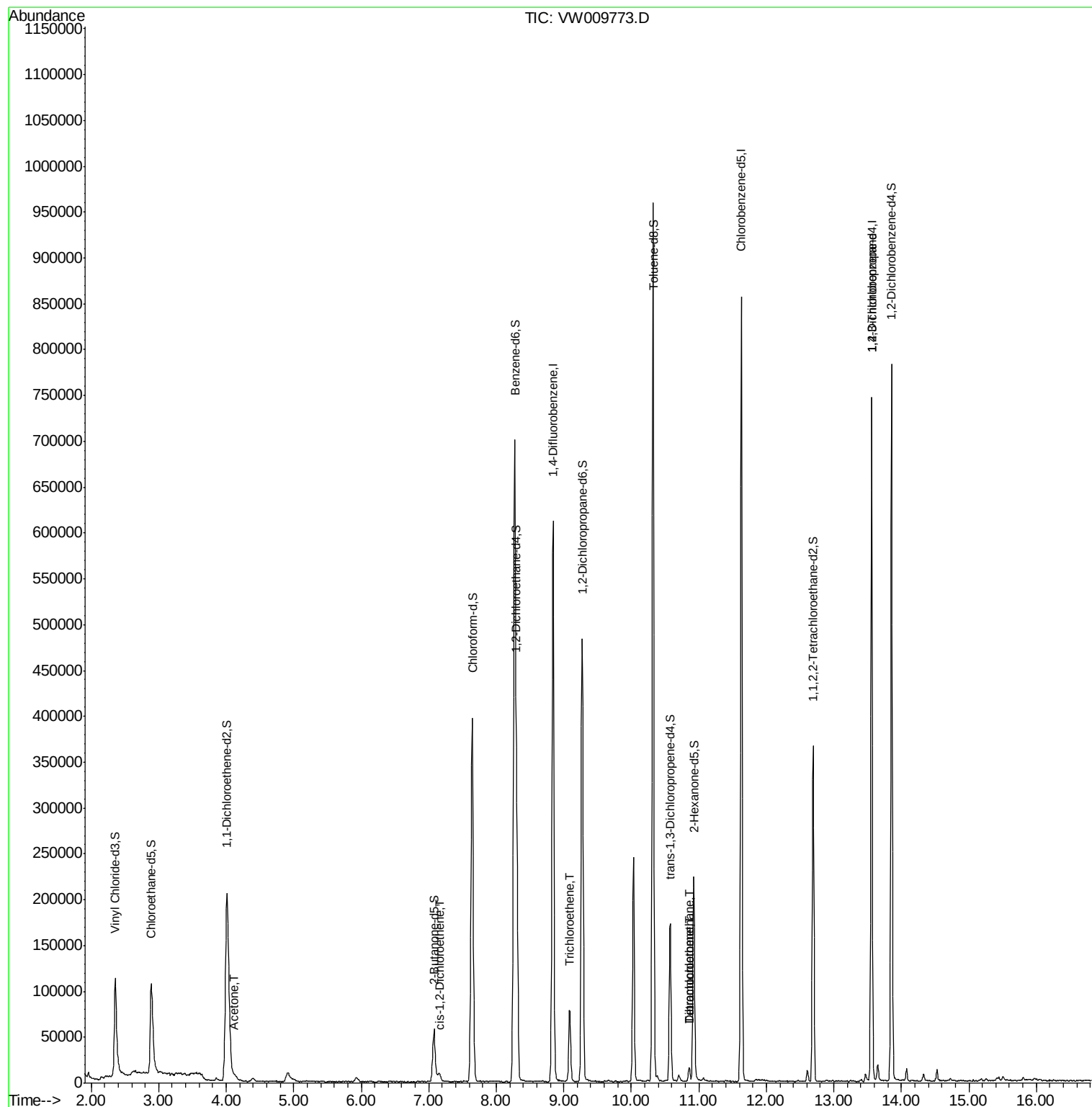
					Qvalue
13) Acetone	4.12	43	6019	2.835 ug/L	89
22) cis-1,2-Dichloroethene	7.17	96	2948	0.428 ug/L	76
35) Trichloroethene	9.09	95	24961	3.606 ug/L	97
47) Tetrachloroethene	10.86	164	3300	0.605 ug/L	83
50) Dibromochloromethane	10.85	129	2887	0.462 ug/L #	12
59) 1,2,3-Trichloropropane	13.56	75	24026	4.723 ug/L	89

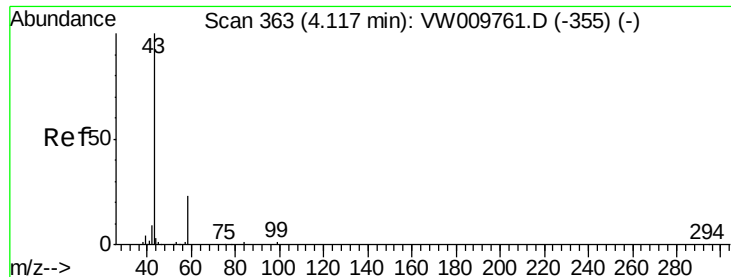
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Apr 07 03:56:20 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.835 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009773.D

Acq: 06 Apr 2019 15:29

Instrument :

MSVOA_W

ClientSampled :

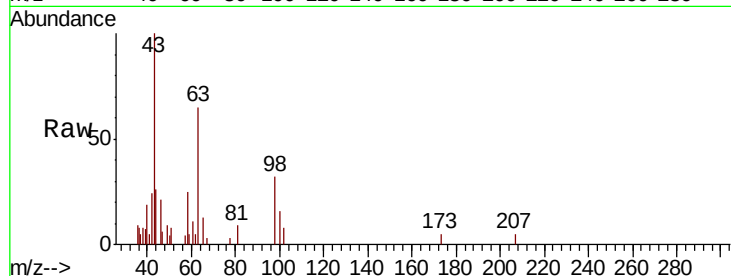
BF2S3

Tgt Ion: 43 Resp: 6019

Ion Ratio Lower Upper

43 100

58 20.9 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

2000

1500

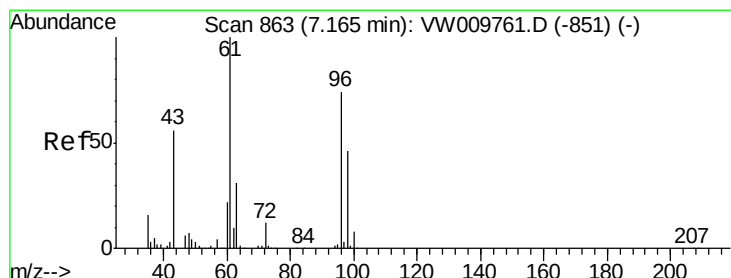
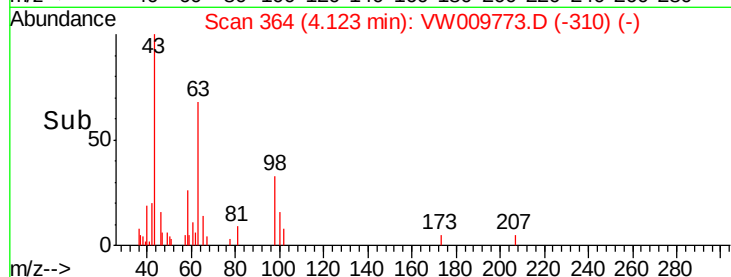
1000

500

0

4.05 4.10 4.15 4.20

Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.428 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW009773.D

Acq: 06 Apr 2019 15:29

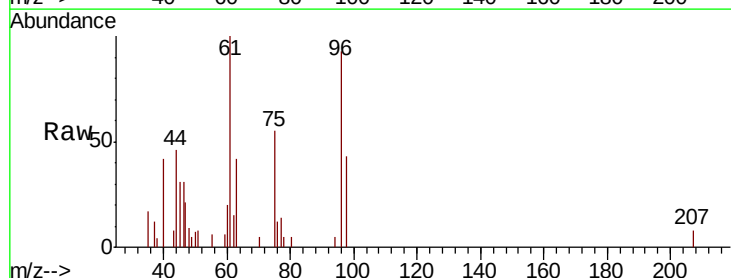
Tgt Ion: 96 Resp: 2948

Ion Ratio Lower Upper

96 100

61 107.5 96.8 179.8

98 46.7 43.5 80.9



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW

2000

1500

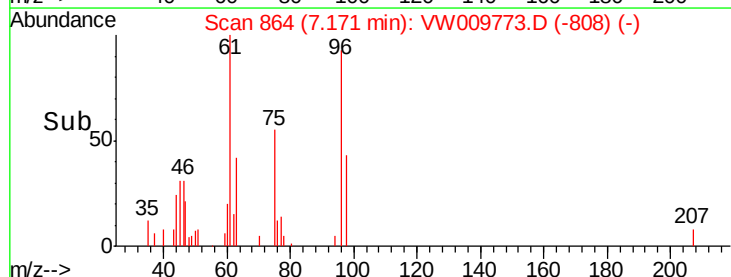
1000

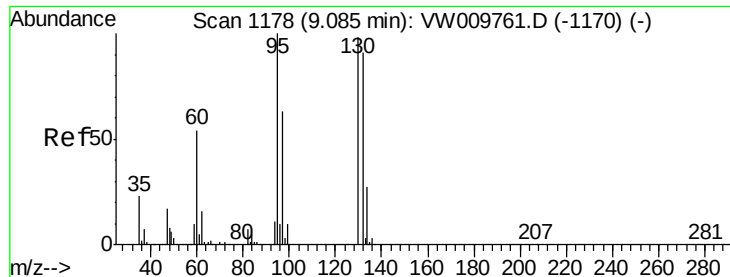
500

0

7.10 7.15 7.20

Time-->





#35

Trichloroethene

Concen: 3.606 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW009773.D

Acq: 06 Apr 2019 15:29

Instrument :

MSVOA_W

ClientSampleId :

BF2S3

Tgt Ion: 95 Resp: 24961

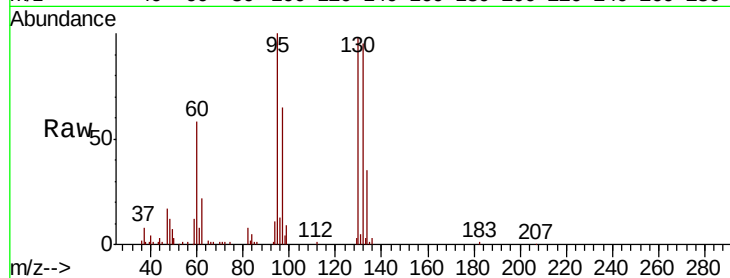
Ion Ratio Lower Upper

95 100

97 67.1 44.9 83.5

132 99.2 67.1 124.7

130 100.2 69.2 128.6



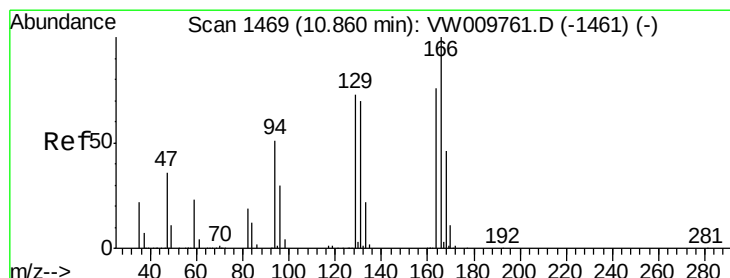
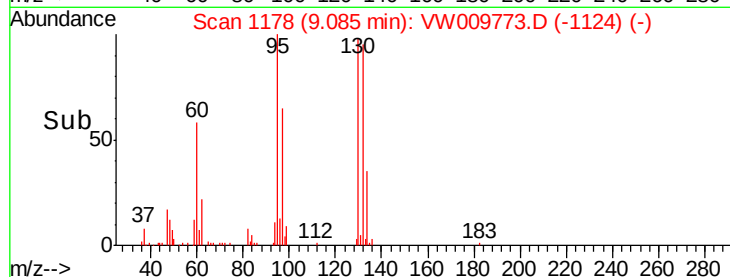
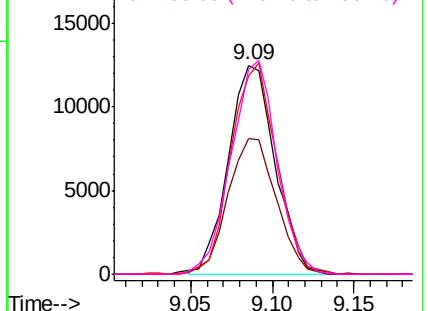
Abundance

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: 0.605 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009773.D

Acq: 06 Apr 2019 15:29

Tgt Ion: 164 Resp: 3300

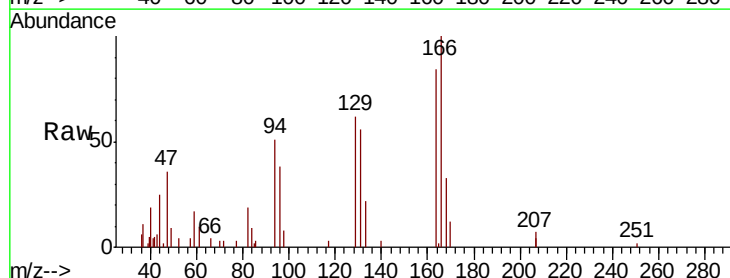
Ion Ratio Lower Upper

164 100

129 74.2 68.9 127.9

131 67.1 63.1 117.1

166 119.6 88.5 164.4



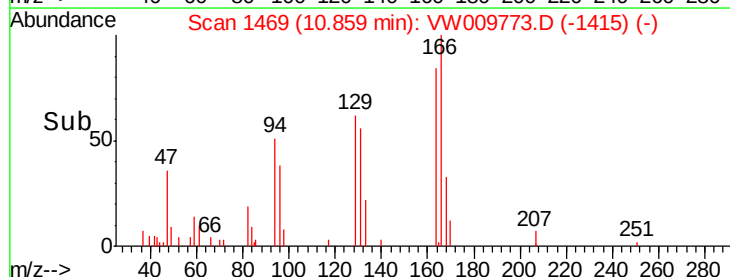
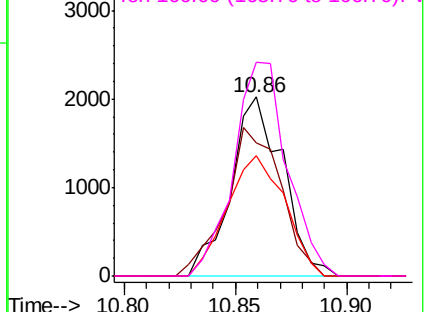
Abundance

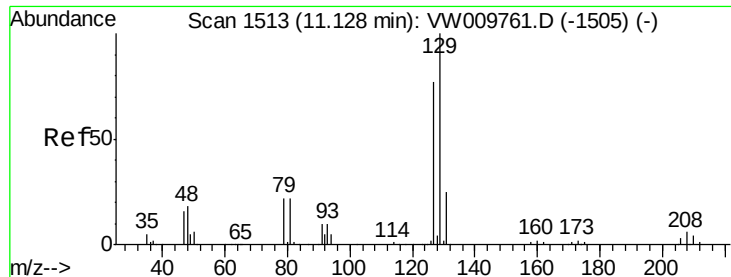
Ion 164.00 (163.70 to 164.70): V

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: 0.462 ug/L

RT: 10.85 min Scan# 1468

Delta R.T. -0.27 min

Lab File: VW009773.D

Acq: 06 Apr 2019 15:29

Instrument :

MSVOA_W

ClientSampleId :

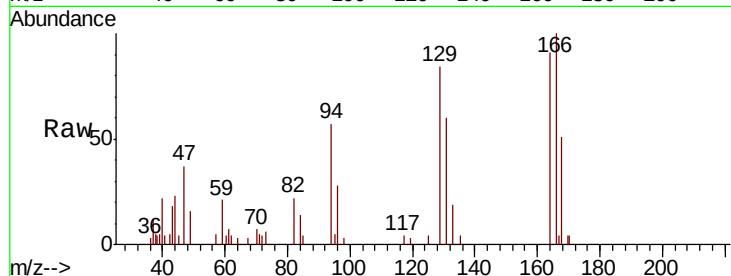
BF2S3

Tgt Ion:129 Resp: 2887

Ion Ratio Lower Upper

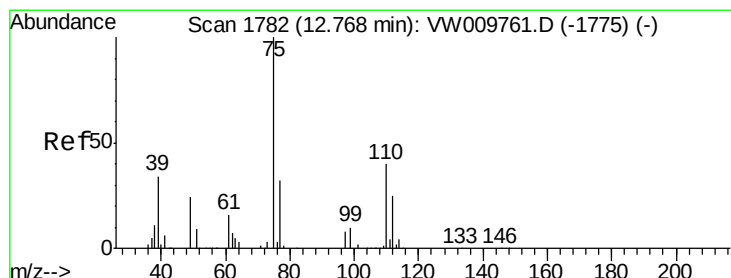
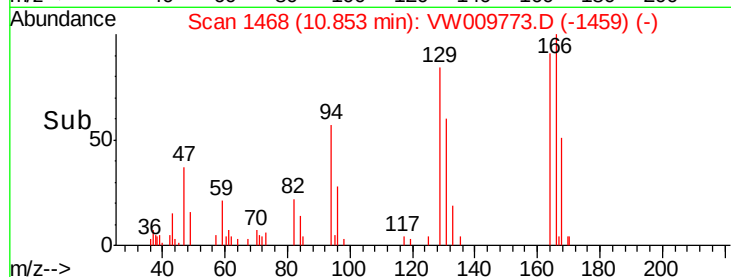
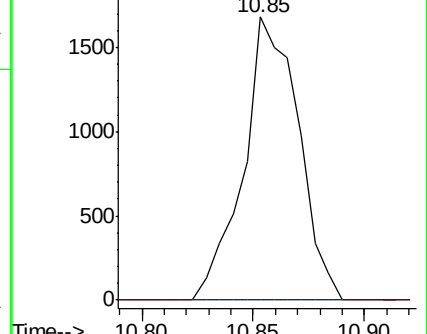
129 100

127 0.0 53.0 98.4#



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: 4.723 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009773.D

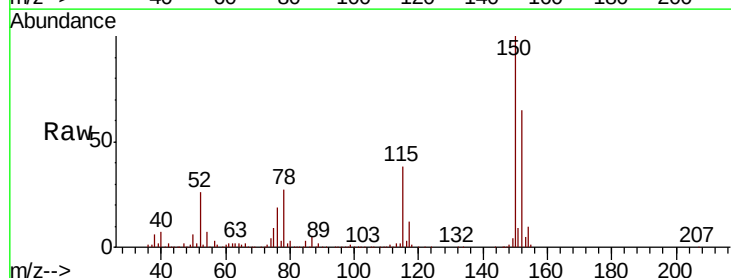
Acq: 06 Apr 2019 15:29

Tgt Ion: 75 Resp: 24026

Ion Ratio Lower Upper

75 100

77 38.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

