

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009769.D
 Acq On : 06 Apr 2019 13:40
 Operator : SY/VA
 Sample : K2327-02
 Misc : 5.25G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2R8

Quant Time: Apr 07 04:00:22 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	523603	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	498787	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	221331	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	161070	23.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.04%
7) Chloroethane-d5	2.89	69	147222	23.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.80%
10) 1,1-Dichloroethene-d2	4.01	63	283142	19.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.88%
20) 2-Butanone-d5	7.07	46	99678	44.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.62%
24) Chloroform-d	7.64	84	368697	25.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.24%
26) 1,2-Dichloroethane-d4	8.31	65	222713	25.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.56%
29) Benzene-d6	8.27	84	698513	26.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.72%
33) 1,2-Dichloropropane-d6	9.27	67	209675	25.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.72%
37) Toluene-d8	10.32	98	633172	26.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.60%
38) trans-1,3-Dichloropropene-	10.57	79	91938	23.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.36%
39) 2-Hexanone-d5	10.93	63	68153	44.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	168293	22.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	214173	27.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.32%

Target Compounds

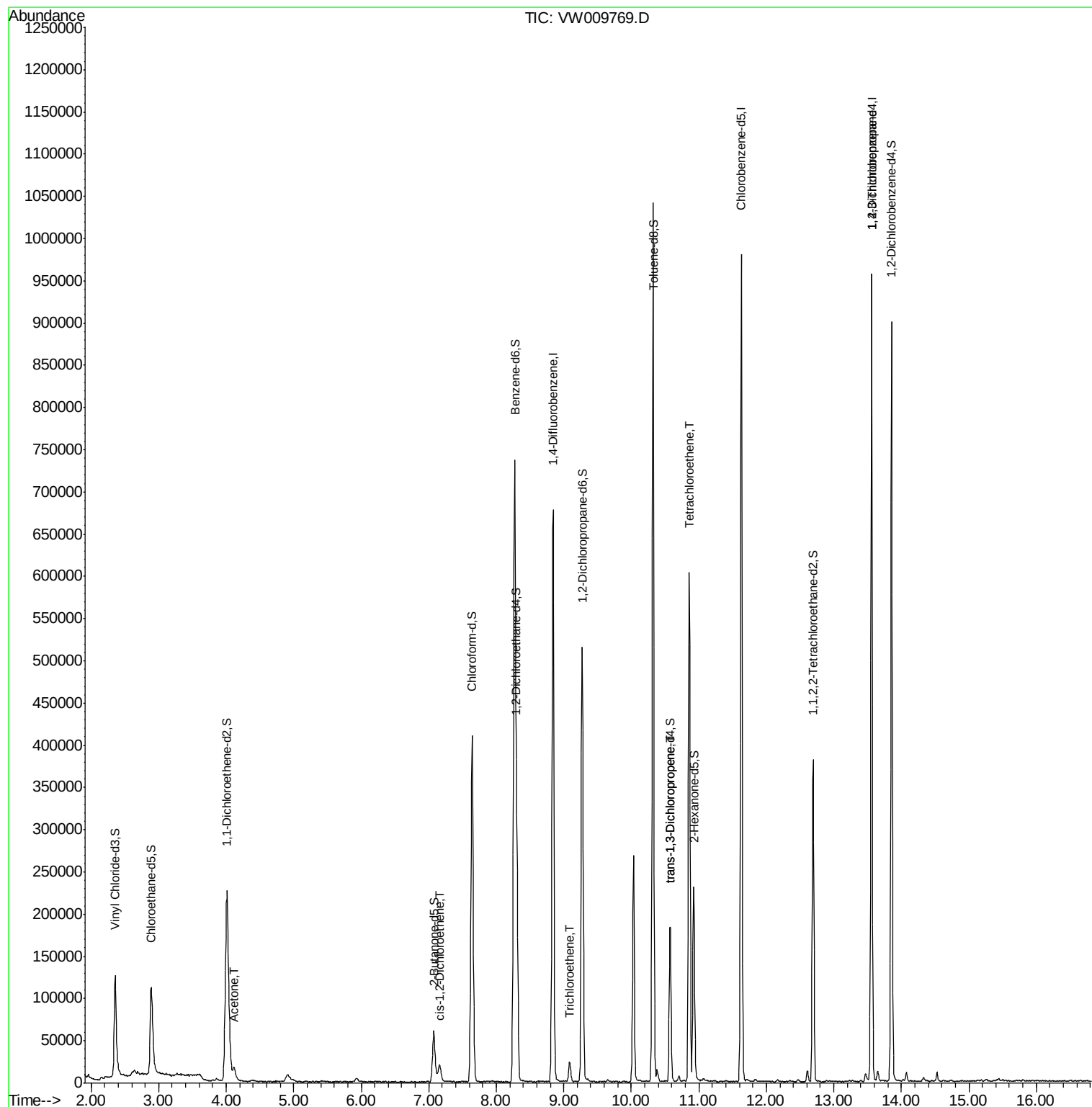
					Qvalue
13) Acetone	4.12	43	22801	9.566 ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	9291	1.201 ug/L	98
35) Trichloroethene	9.09	95	7621	0.970 ug/L	98
45) trans-1,3-Dichloropropene	10.58	75	4745	0.462 ug/L #	78
47) Tetrachloroethene	10.86	164	120616	19.500 ug/L	99
59) 1,2,3-Trichloropropane	13.56	75	29769	5.158 ug/L	89

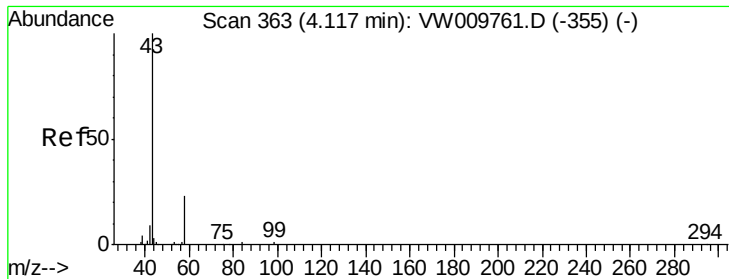
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 9.566 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

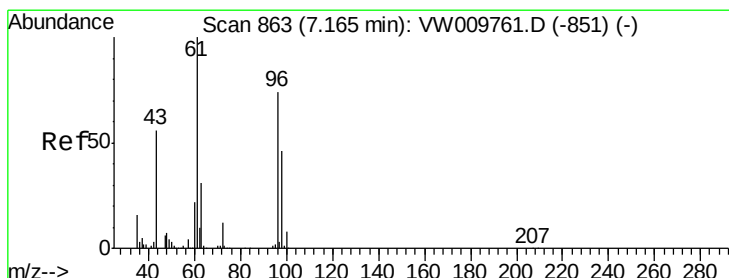
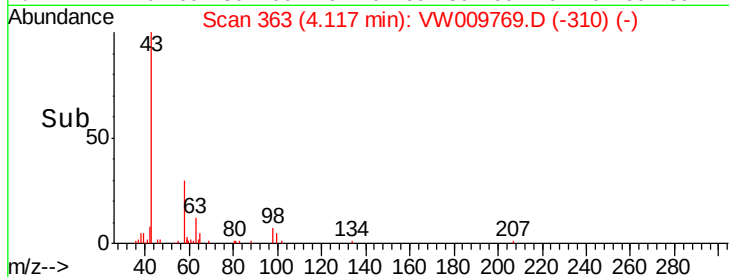
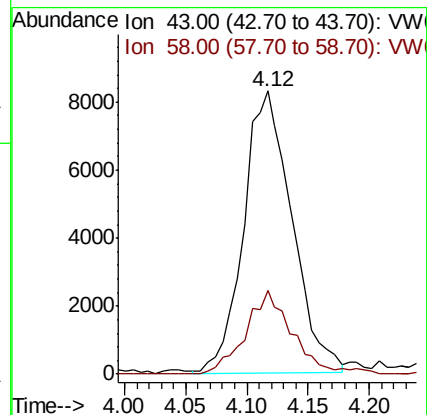
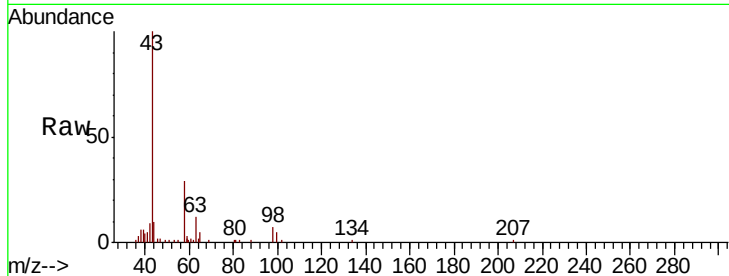
BF2R8

Tgt Ion: 43 Resp: 22801

Ion Ratio Lower Upper

43 100

58 27.7 0.0 53.0



#22

cis-1,2-Dichloroethene

Concen: 1.201 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW009769.D

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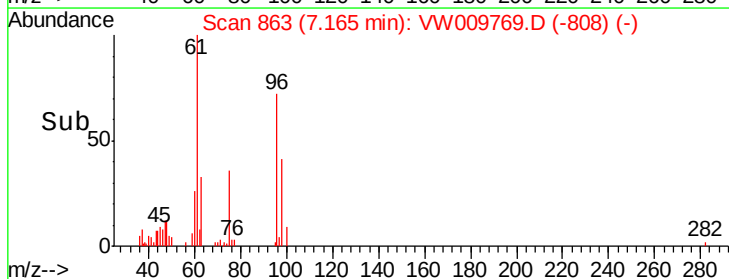
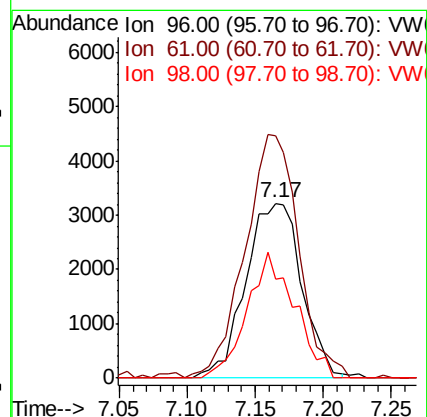
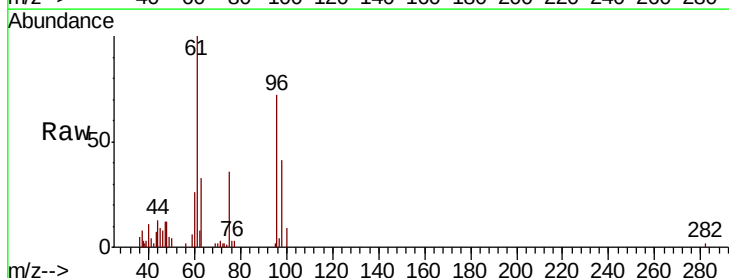
Tgt Ion: 96 Resp: 9291

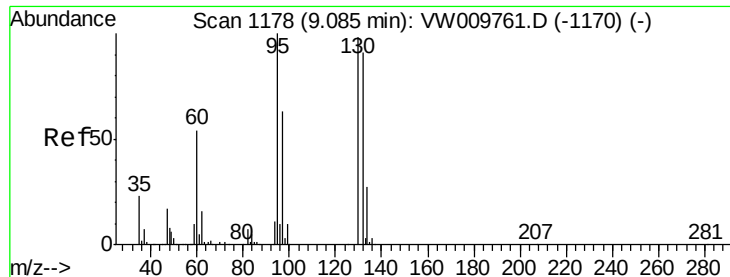
Ion Ratio Lower Upper

96 100

61 138.7 96.8 179.8

98 56.6 43.5 80.9





#35

Trichloroethene

Concen: 0.970 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW009769.D

Acq: 06 Apr 2019 13:40

Instrument :

MSVOA_W

ClientSampleId :

BF2R8

Tgt Ion: 95 Resp: 7621

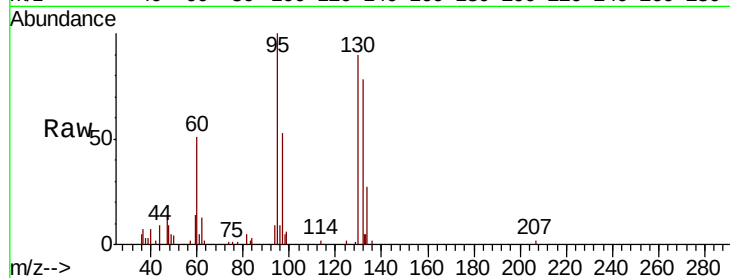
Ion Ratio Lower Upper

95 100

97 61.2 44.9 83.5

132 94.5 67.1 124.7

130 99.2 69.2 128.6

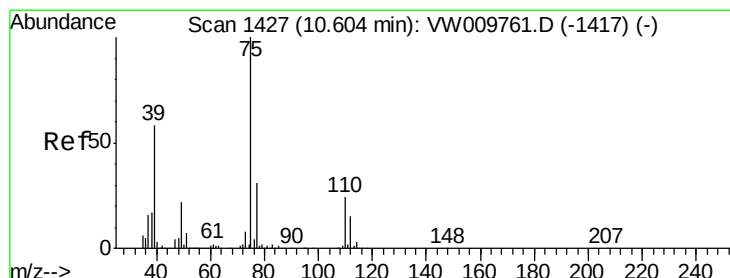
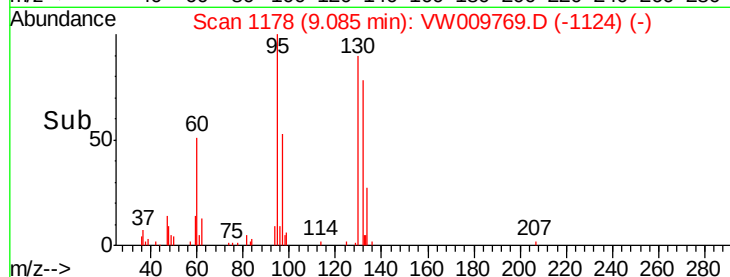
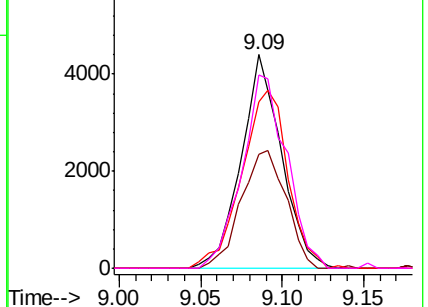


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#45

trans-1,3-Dichloropropene

Concen: 0.462 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009769.D

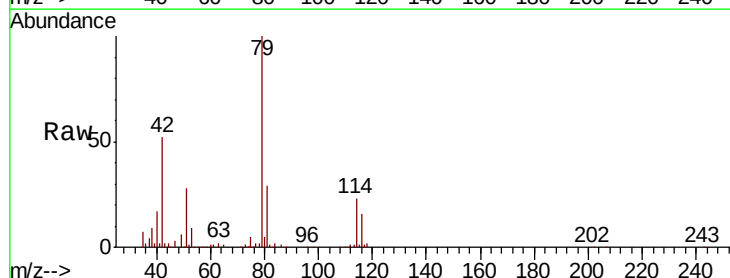
Acq: 06 Apr 2019 13:40

Tgt Ion: 75 Resp: 4745

Ion Ratio Lower Upper

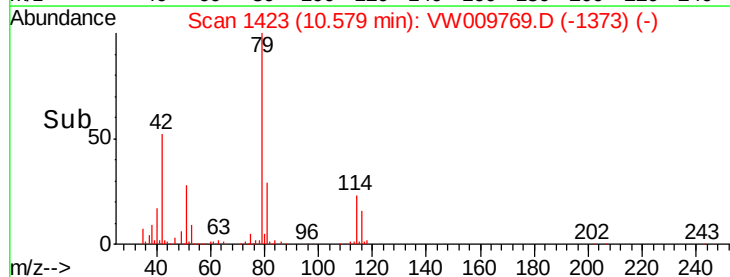
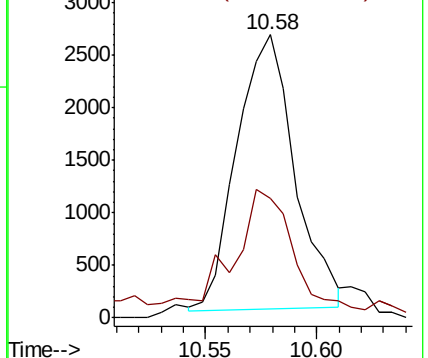
75 100

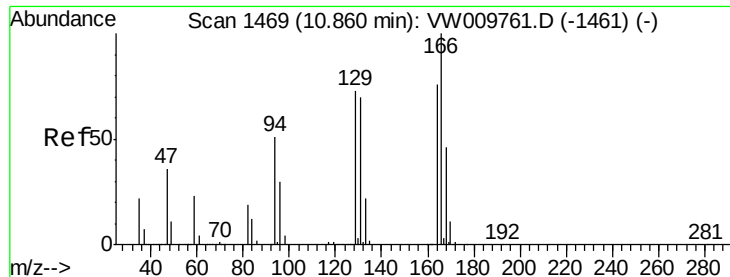
77 42.3 21.1 39.3#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#47

Tetrachloroethene

Concen: 19.500 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009769.D

Acq: 06 Apr 2019 13:40

Instrument :

MSVOA_W

ClientSampleId :

BF2R8

Tgt Ion:164 Resp: 120616

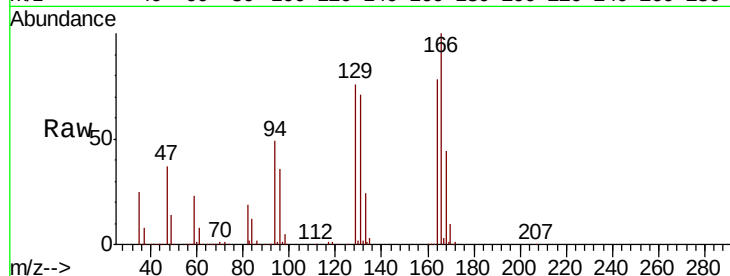
Ion Ratio Lower Upper

164 100

129 97.1 68.9 127.9

131 90.2 63.1 117.1

166 127.8 88.5 164.4

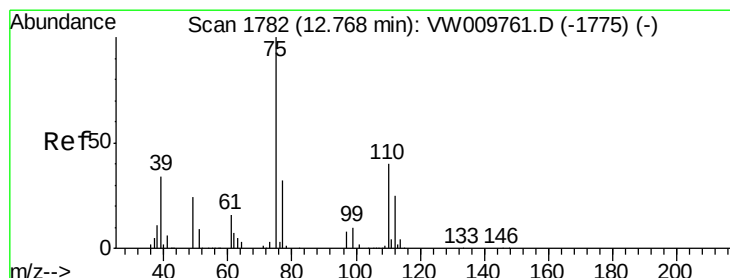
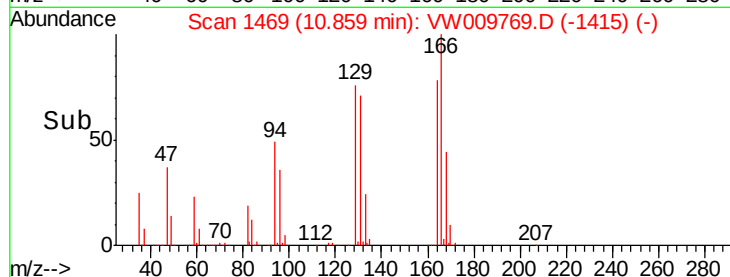
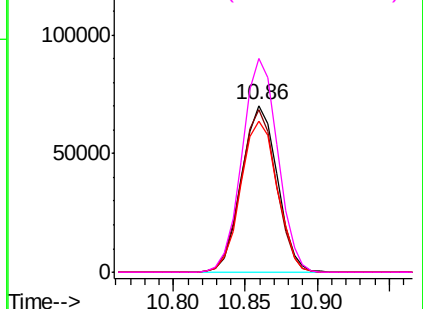


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 5.158 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009769.D

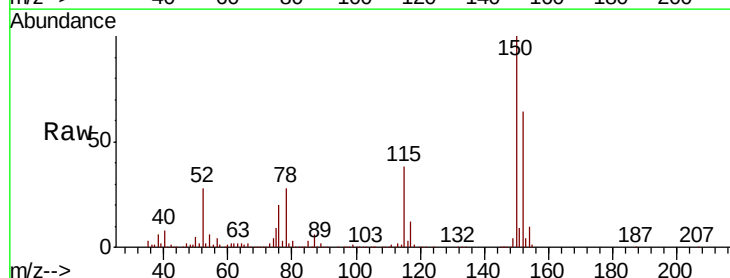
Acq: 06 Apr 2019 13:40

Tgt Ion: 75 Resp: 29769

Ion Ratio Lower Upper

75 100

77 39.0 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

