

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009768.D
 Acq On : 06 Apr 2019 13:12
 Operator : SY/VA
 Sample : K2277-12
 Misc : 4.82G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF175

Quant Time: Apr 07 04:00:16 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	512223	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	483561	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	221408	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	164030	24.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.88%
7) Chloroethane-d5	2.90	69	148830	24.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.96%
10) 1,1-Dichloroethene-d2	4.01	63	286041	19.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.36%
20) 2-Butanone-d5	7.07	46	97578	44.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.68%
24) Chloroform-d	7.64	84	365581	26.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.64%
26) 1,2-Dichloroethane-d4	8.31	65	221875	25.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.44%
29) Benzene-d6	8.27	84	706826	27.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.36%
33) 1,2-Dichloropropane-d6	9.27	67	213770	27.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.04%
37) Toluene-d8	10.32	98	643148	27.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.60%
38) trans-1,3-Dichloropropene-	10.58	79	89878	24.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.16%
39) 2-Hexanone-d5	10.93	63	68826	46.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	165130	22.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	218013	28.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.24%

Target Compounds

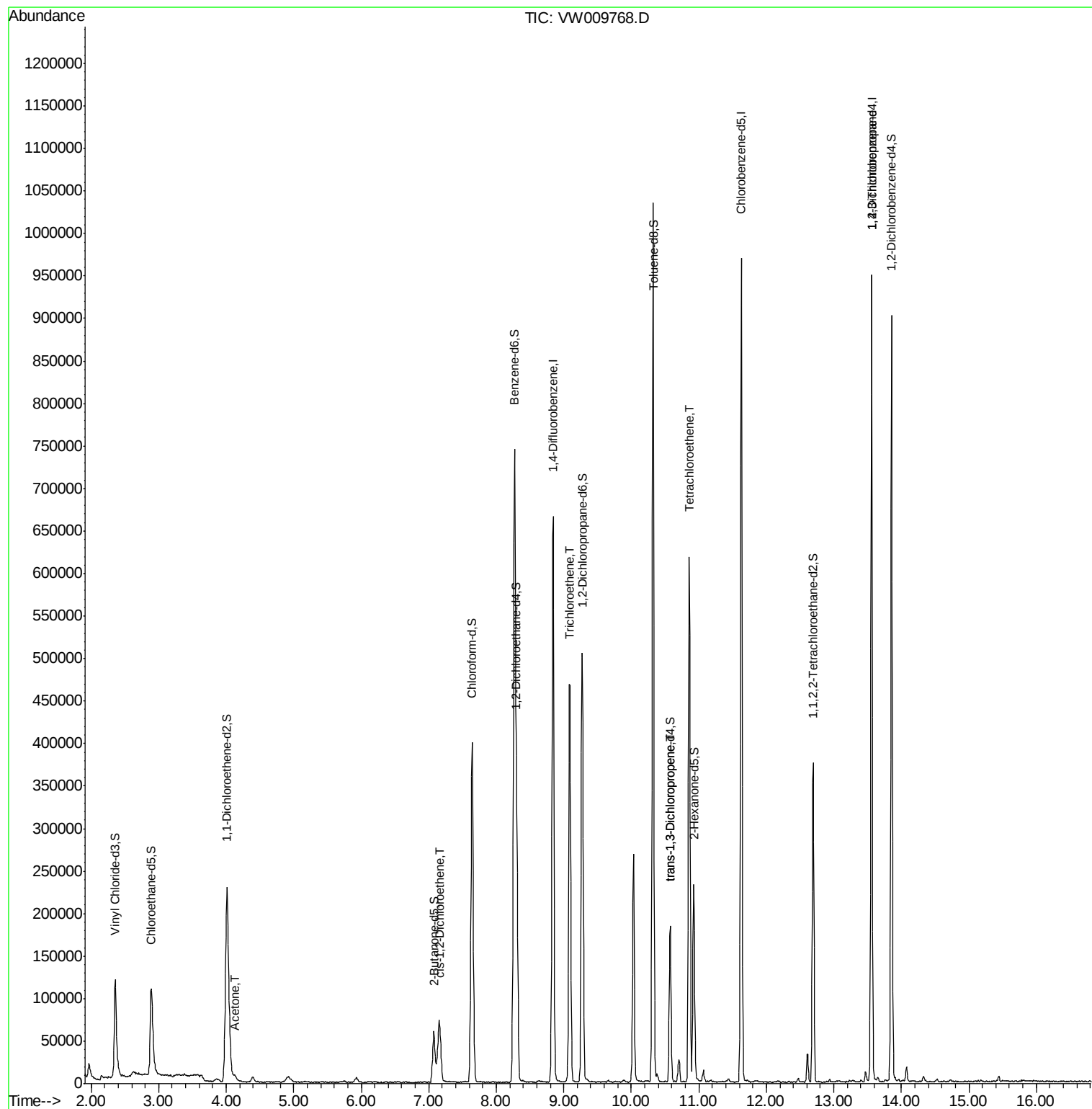
					Qvalue
13) Acetone	4.12	43	6129	2.628 ug/L	89
22) cis-1,2-Dichloroethene	7.17	96	28347	3.746 ug/L	98
35) Trichloroethene	9.09	95	153645	20.180 ug/L	100
45) trans-1,3-Dichloropropene	10.58	75	5031	0.506 ug/L	87
47) Tetrachloroethene	10.86	164	121527	20.266 ug/L	98
59) 1,2,3-Trichloropropane	13.56	75	29634	5.296 ug/L	89

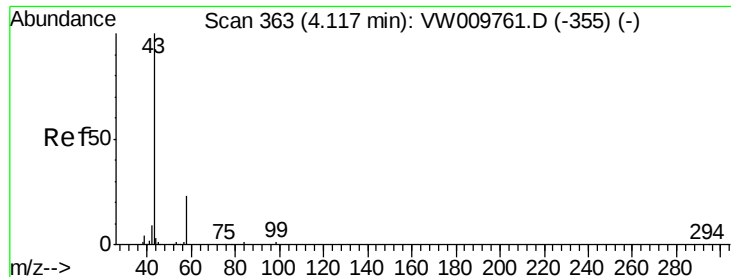
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.628 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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Acq: 06 Apr 2019 13:12

Instrument :

MSVOA_W

ClientSampled :

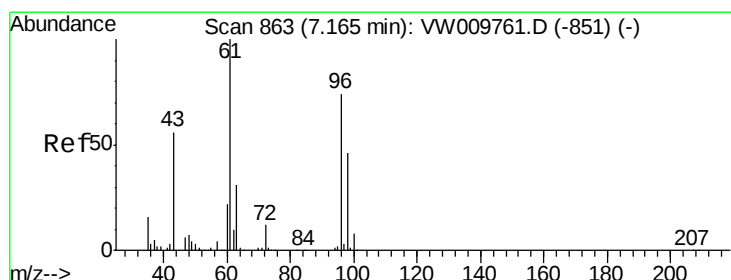
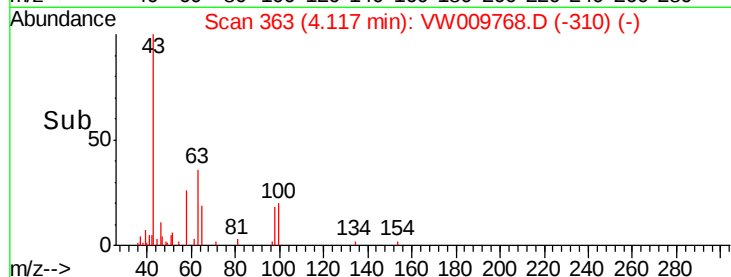
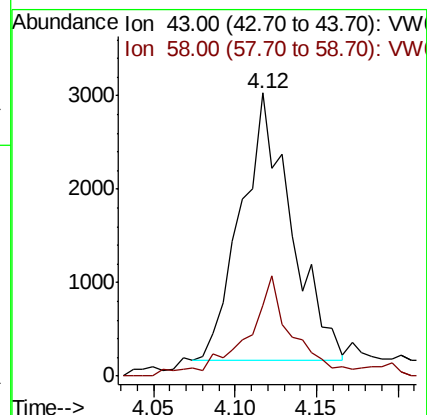
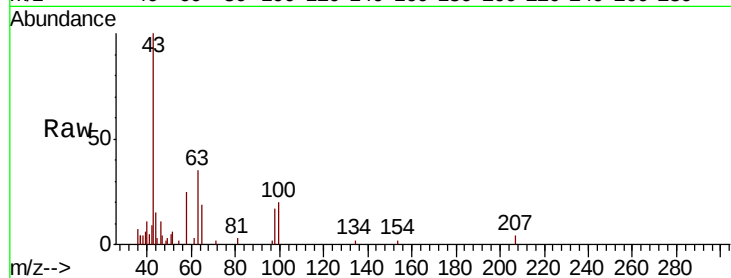
BF175

Tgt Ion: 43 Resp: 6129

Ion Ratio Lower Upper

43 100

58 32.3 0.0 53.0



#22

cis-1,2-Dichloroethene

Concen: 3.746 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

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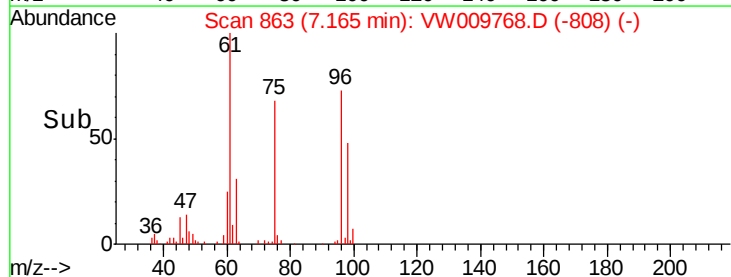
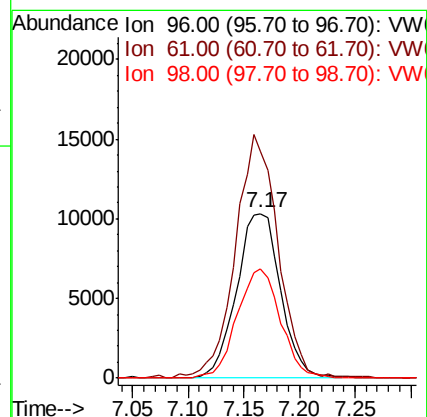
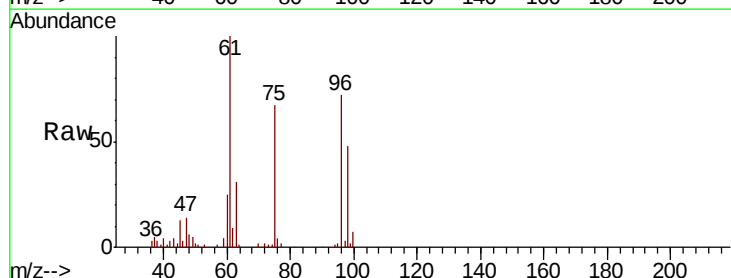
Tgt Ion: 96 Resp: 28347

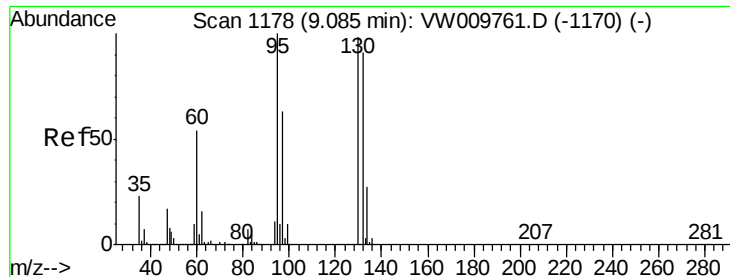
Ion Ratio Lower Upper

96 100

61 138.3 96.8 179.8

98 66.5 43.5 80.9





#35

Trichloroethene

Concen: 20.180 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW009768.D

Acq: 06 Apr 2019 13:12

Instrument :

MSVOA_W

ClientSampleId :

BF175

Tgt Ion: 95 Resp: 153645

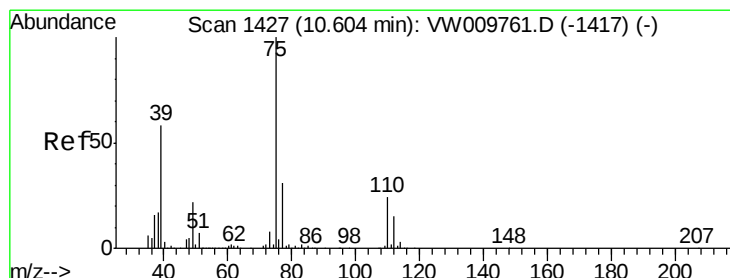
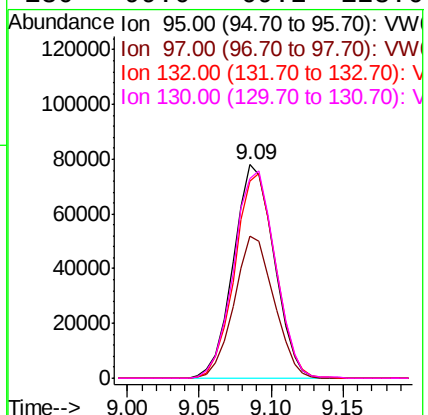
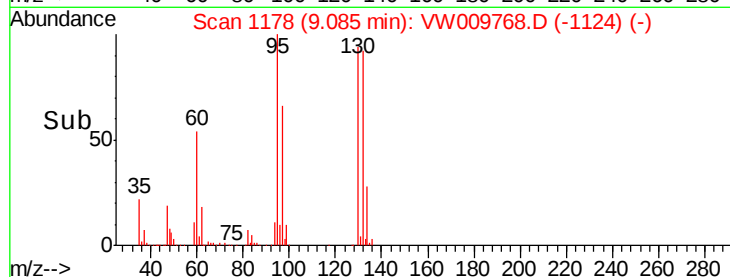
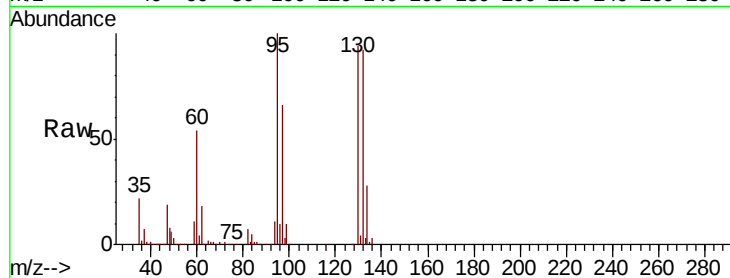
Ion Ratio Lower Upper

95 100

97 65.1 44.9 83.5

132 95.5 67.1 124.7

130 99.0 69.2 128.6



#45

trans-1,3-Dichloropropene

Concen: 0.506 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009768.D

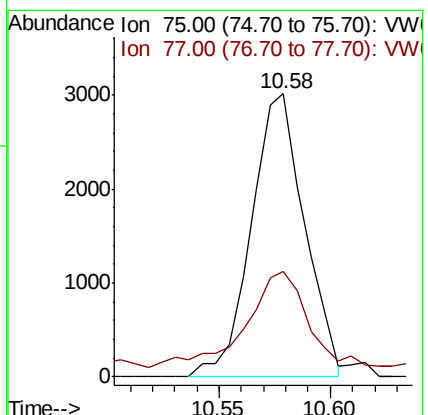
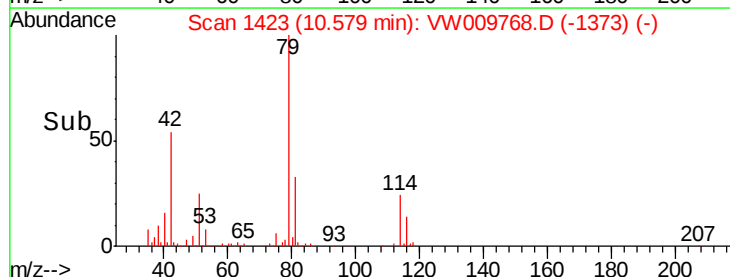
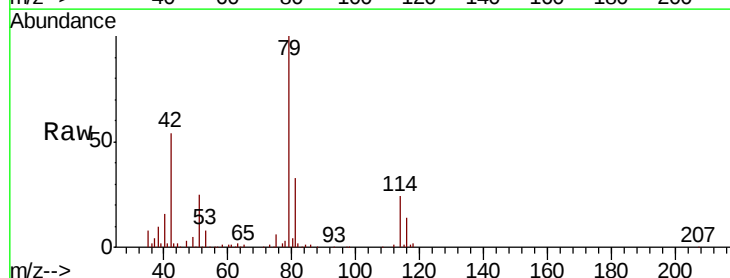
Acq: 06 Apr 2019 13:12

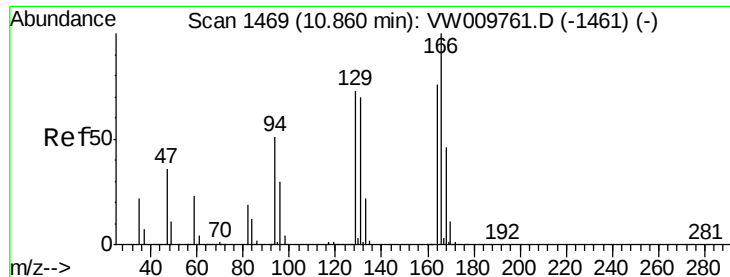
Tgt Ion: 75 Resp: 5031

Ion Ratio Lower Upper

75 100

77 37.1 21.1 39.3





#47

Tetrachloroethene

Concen: 20.266 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009768.D

Acq: 06 Apr 2019 13:12

Instrument :

MSVOA_W

ClientSampleId :

BF175

Tgt Ion:164 Resp: 121527

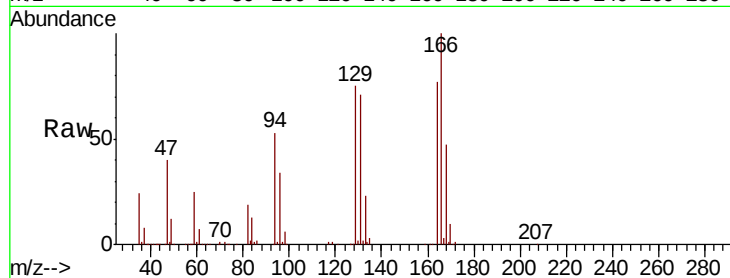
Ion Ratio Lower Upper

164 100

129 97.0 68.9 127.9

131 92.6 63.1 117.1

166 129.7 88.5 164.4

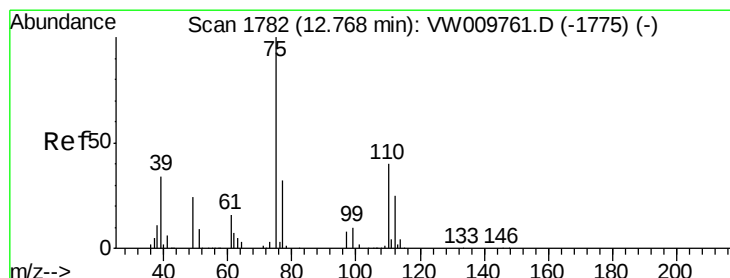
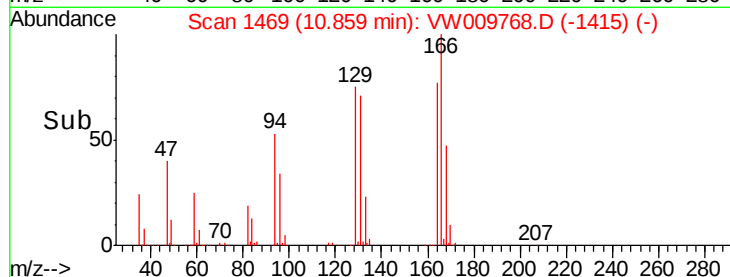
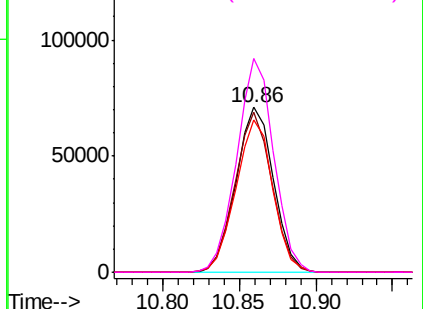


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.296 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009768.D

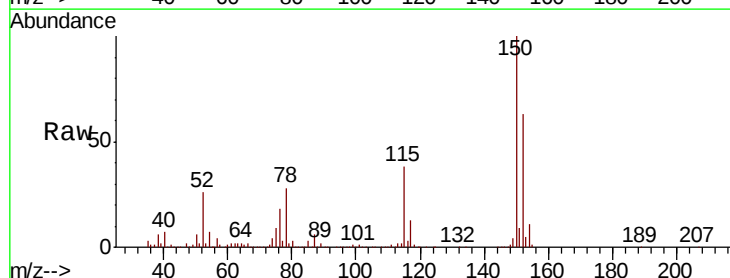
Acq: 06 Apr 2019 13:12

Tgt Ion: 75 Resp: 29634

Ion Ratio Lower Upper

75 100

77 39.1 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

