

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040519\
 Data File : VW009719.D
 Acq On : 05 Apr 2019 08:25
 Operator : SY/VA
 Sample : K2276-17
 Misc : 6.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 05 09:23:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 08:15:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	373395	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	365892	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	157635	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	134008	27.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.72%
7) Chloroethane-d5	2.89	69	123512	27.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.36%
10) 1,1-Dichloroethene-d2	4.01	63	225712	21.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.92%
20) 2-Butanone-d5	7.07	46	115493	72.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.60%#
24) Chloroform-d	7.65	84	289594	28.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.68%
26) 1,2-Dichloroethane-d4	8.30	65	193163	30.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	123.52%
29) Benzene-d6	8.27	84	546380	28.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.80%
33) 1,2-Dichloropropane-d6	9.27	67	172200	29.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.12%
37) Toluene-d8	10.32	98	493076	27.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.04%
38) trans-1,3-Dichloropropene-	10.58	79	76731	27.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.48%
39) 2-Hexanone-d5	10.92	63	86845	77.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.32%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	172977	31.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.44%#
61) 1,2-Dichlorobenzene-d4	13.85	152	173618	31.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	125.56%#

Target Compounds

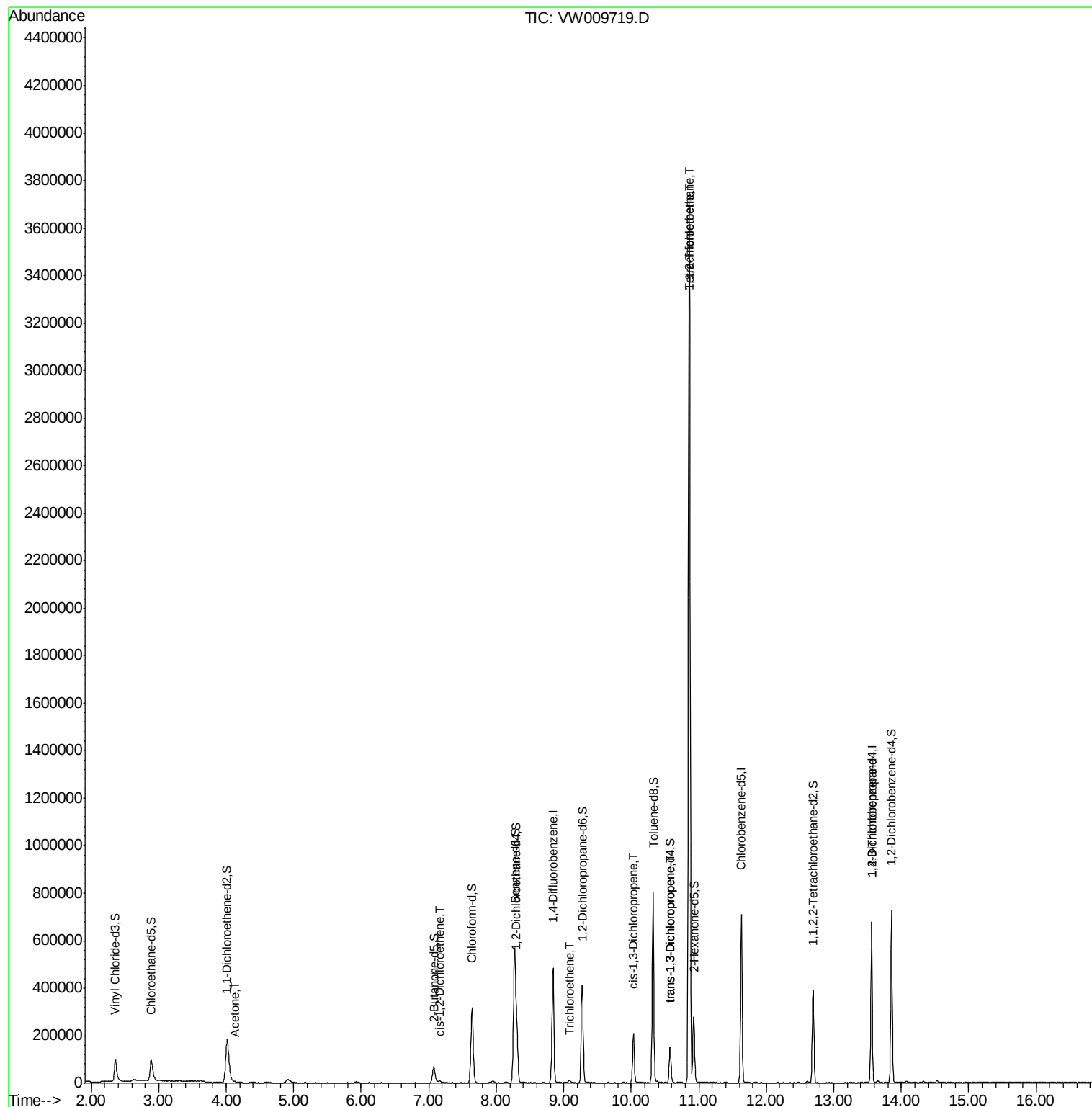
					Ovalue
13) Acetone	4.12	43	1776	1.045 ug/L	66
22) cis-1,2-Dichloroethene	7.17	96	2960	0.537 ug/L	82
35) Trichloroethene	9.09	95	3164	0.549 ug/L	96
42) cis-1,3-Dichloropropene	10.04	75	5716	0.655 ug/L #	73
45) trans-1,3-Dichloropropene	10.57	75	4022	0.534 ug/L #	73
46) 1,1,2-Trichloroethane	10.86	97	7287	1.723 ug/L #	6
47) Tetrachloroethene	10.86	164	740455	163.188 ug/L	99
59) 1,2,3-Trichloropropane	13.56	75	21680	5.121 ug/L	90

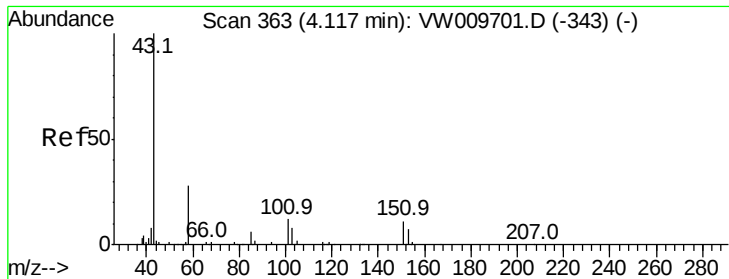
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 05 08:15:53 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.045 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009719.D

Acq: 05 Apr 2019 08:25

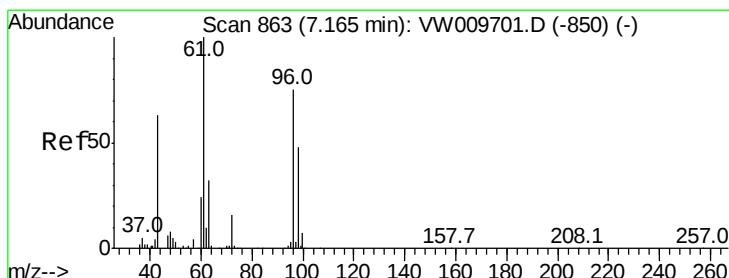
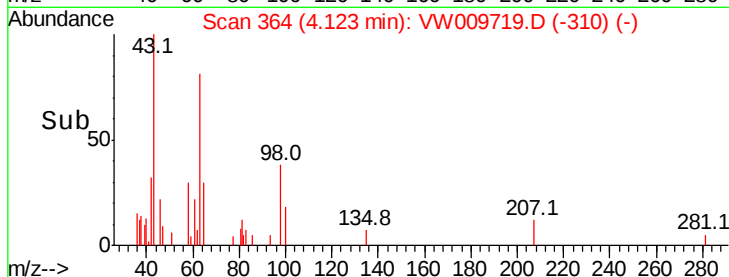
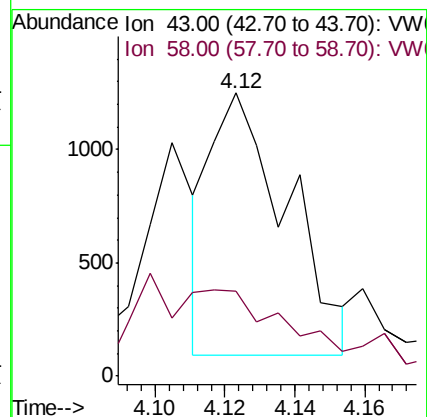
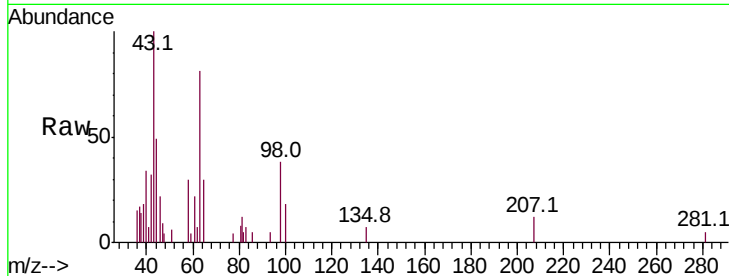
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 1776

Ion Ratio Lower Upper

43 100

58 43.8 0.0 53.0



#22

cis-1,2-Dichloroethene

Concen: 0.537 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW009719.D

Acq: 05 Apr 2019 08:25

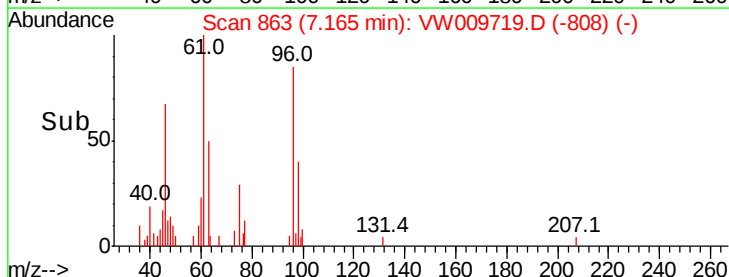
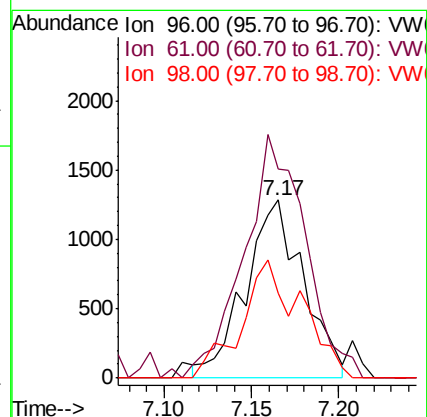
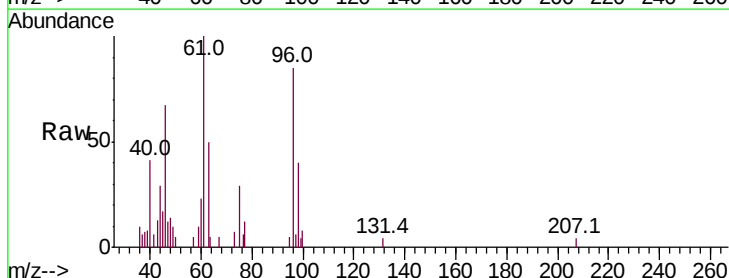
Tgt Ion: 96 Resp: 2960

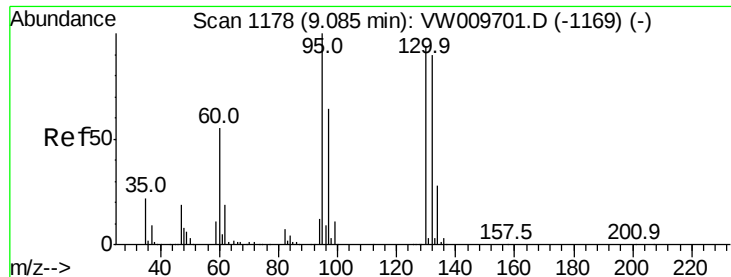
Ion Ratio Lower Upper

96 100

61 117.6 96.8 179.8

98 47.4 43.5 80.9





#35

Trichloroethene

Concen: 0.549 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW009719.D

Acq: 05 Apr 2019 08:25

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 3164

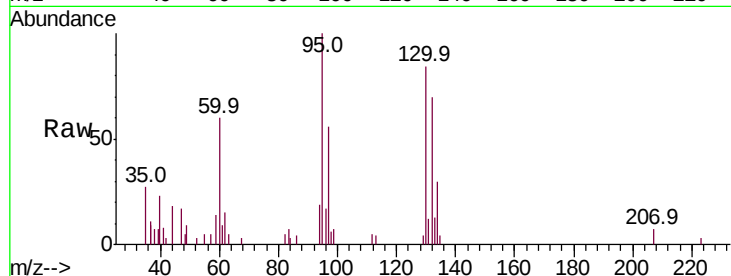
Ion Ratio Lower Upper

95 100

97 67.6 44.9 83.5

132 92.5 67.1 124.7

130 93.9 69.2 128.6

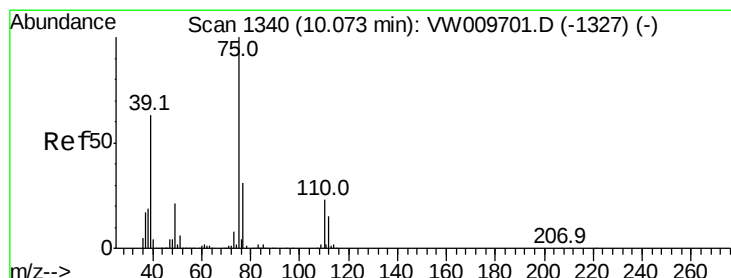
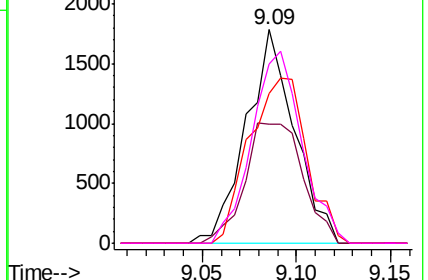
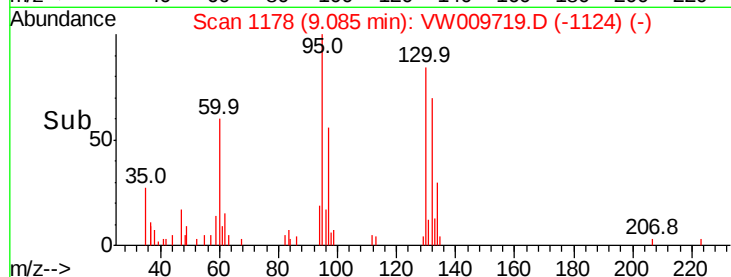


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#42

cis-1,3-Dichloropropene

Concen: 0.655 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009719.D

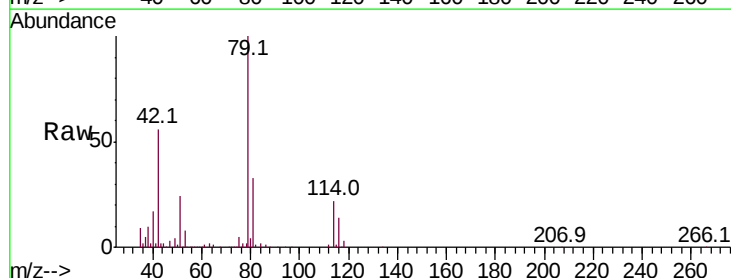
Acq: 05 Apr 2019 08:25

Tgt Ion: 75 Resp: 5716

Ion Ratio Lower Upper

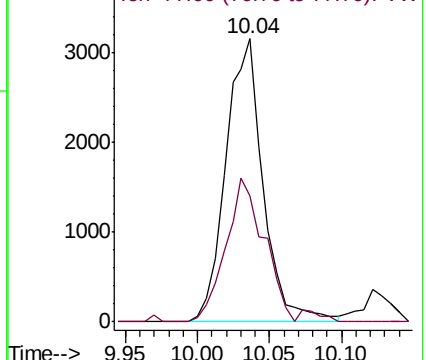
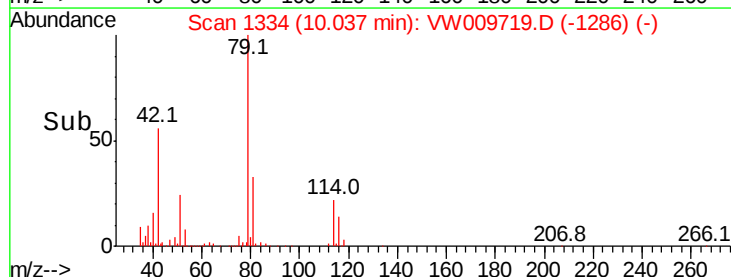
75 100

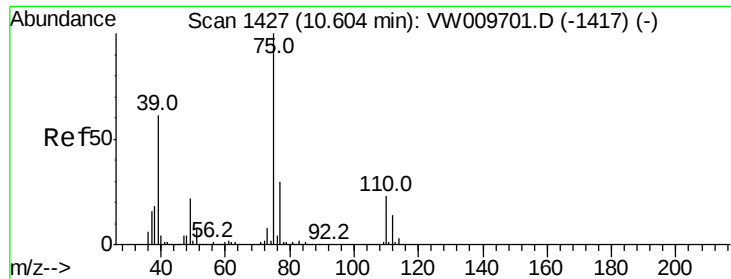
77 44.6 21.0 39.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.534 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009719.D

Acq: 05 Apr 2019 08:25

Instrument :

MSVOA_W

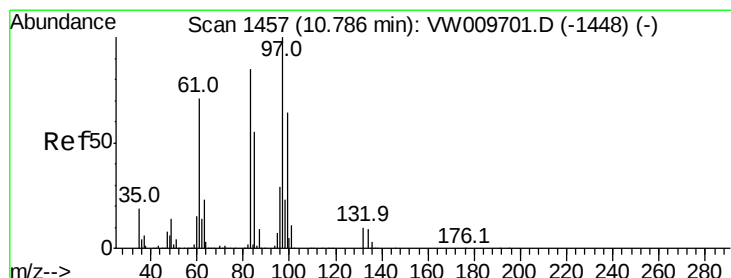
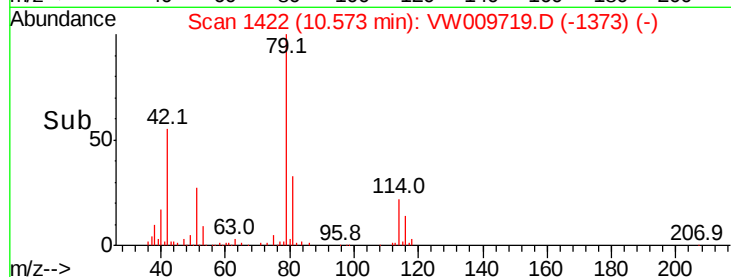
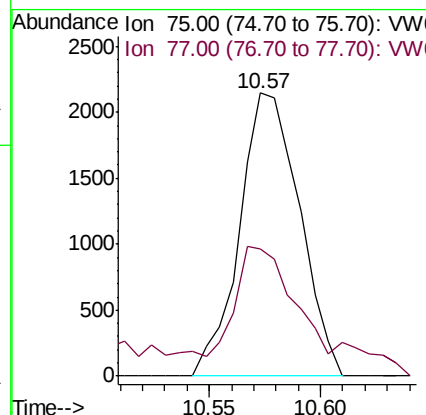
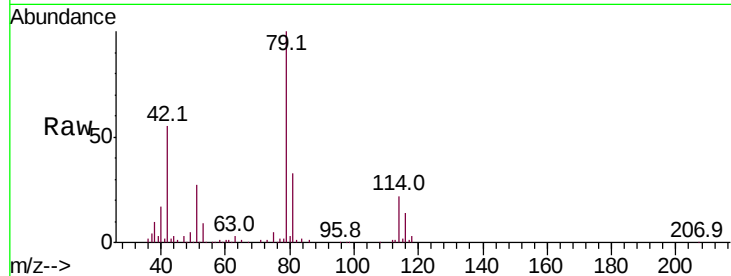
ClientSampled :

Tot Ion: 75 Resp: 4022

Ion Ratio Lower Upper

75 100

77 44.8 21.1 39.3#



#46

1,1,2-Trichloroethane

Concen: 1.723 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.07 min

Lab File: VW009719.D

Acq: 05 Apr 2019 08:25

Tgt Ion: 97 Resp: 7287

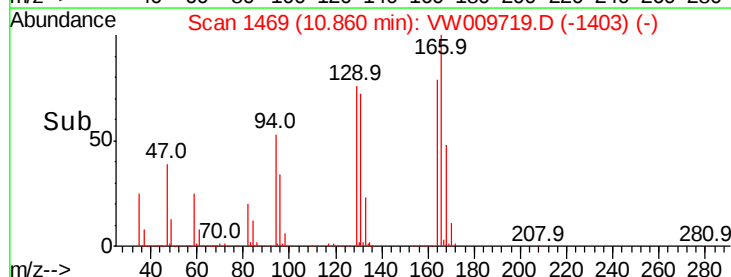
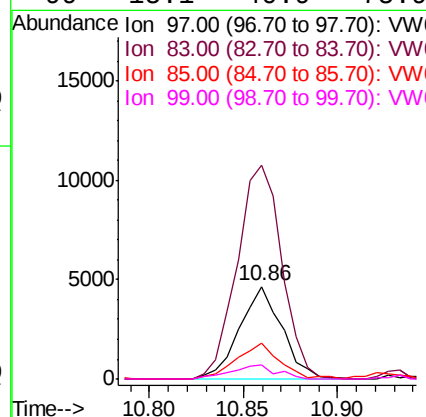
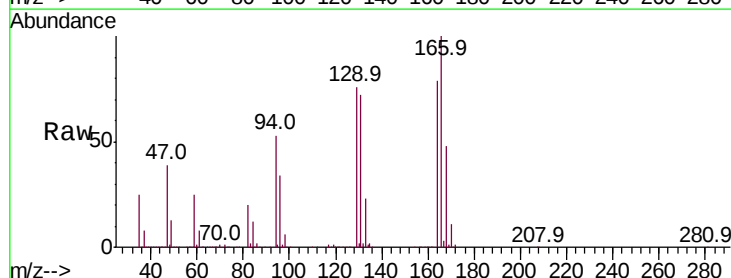
Ion Ratio Lower Upper

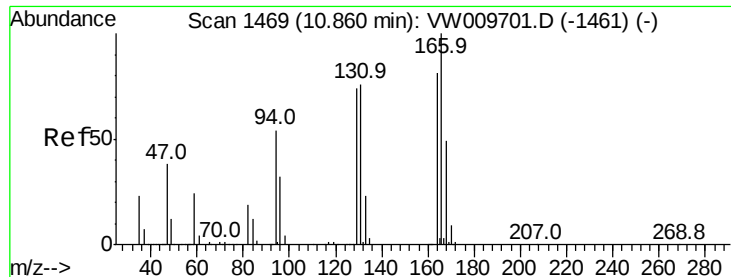
97 100

83 231.5 57.3 106.3#

85 38.3 38.1 70.7

99 15.1 40.9 75.9#





#47

Tetrachloroethene

Concen: 163.188 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009719.D

Acq: 05 Apr 2019 08:25

Instrument :

MSVOA_W

ClientSampled :

Tot Ion:164 Resp: 740455

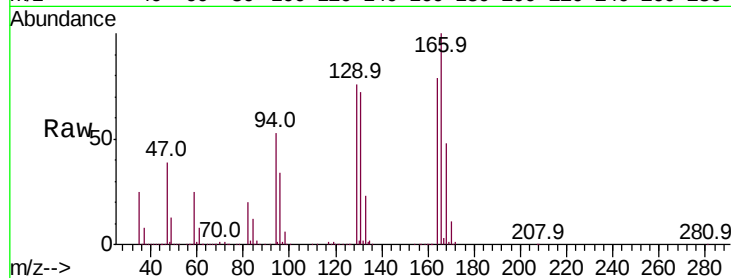
Ion Ratio Lower Upper

164 100

129 95.8 68.9 127.9

131 91.4 63.1 117.1

166 126.2 88.5 164.4

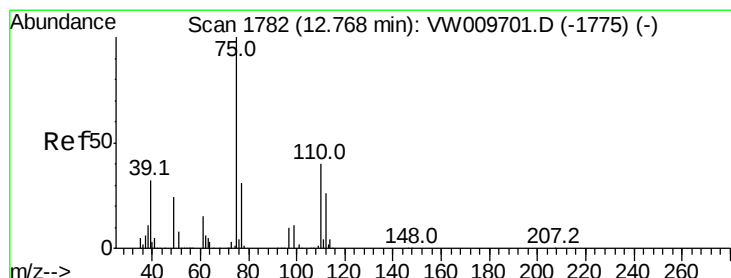
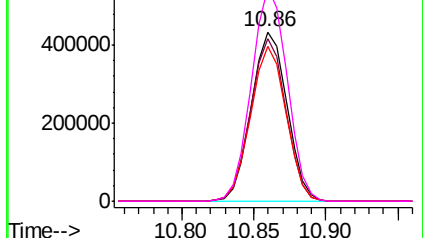
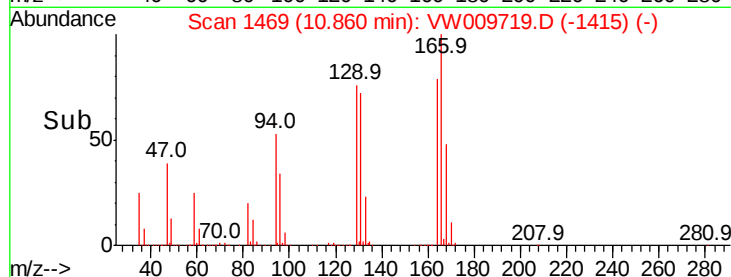


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.121 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009719.D

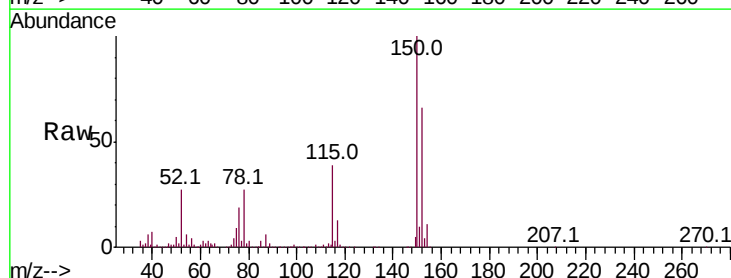
Acq: 05 Apr 2019 08:25

Tgt Ion: 75 Resp: 21680

Ion Ratio Lower Upper

75 100

77 38.5 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

