

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032119\
 Data File : VW009321.D
 Acq On : 21 Mar 2019 12:30
 Operator : SY/VA
 Sample : K1988-18
 Misc : 4.82G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 22 09:42:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 09:38:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	265777	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	180129	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	44860	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	111500	35.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	140.44%
7) Chloroethane-d5	2.89	69	109873	29.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.28%
10) 1,1-Dichloroethene-d2	4.01	63	158501	23.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.36%
20) 2-Butanone-d5	7.07	46	44702	34.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.06%
24) Chloroform-d	7.65	84	214478	29.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	118.28%
26) 1,2-Dichloroethane-d4	8.30	65	119309	27.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.24%
29) Benzene-d6	8.27	84	373025	37.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	150.20%#
33) 1,2-Dichloropropane-d6	9.27	67	113997	38.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	152.84%#
37) Toluene-d8	10.32	98	264309	28.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.12%
38) trans-1,3-Dichloropropene-	10.58	79	36128	24.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.44%
39) 2-Hexanone-d5	10.93	63	28358	39.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	68112	23.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	42240	24.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.24%

Target Compounds

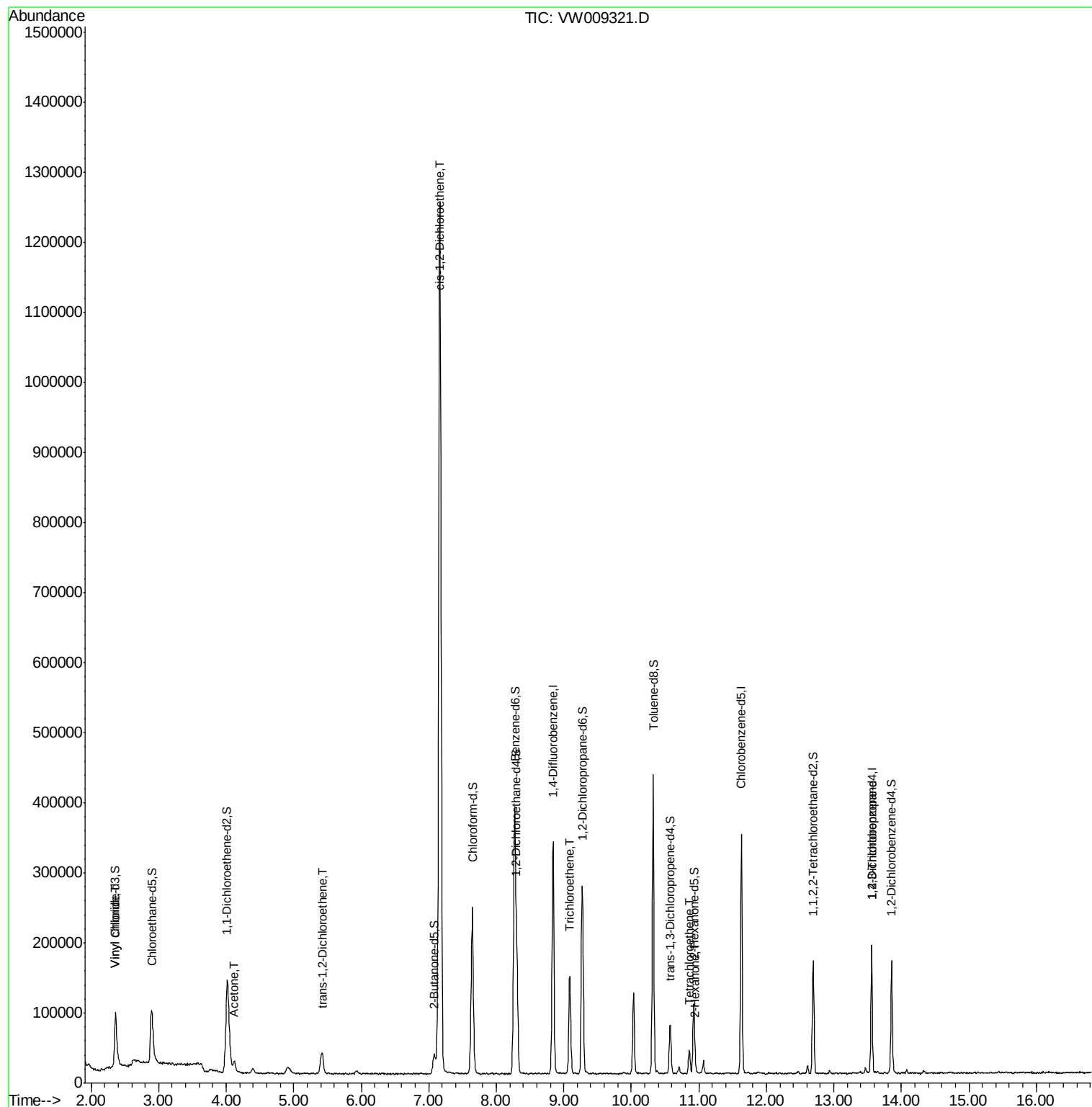
					Ovalue
5) Vinyl chloride	2.37	62	2159	0.565 ug/L #	1
13) Acetone	4.12	43	24792	23.017 ug/L	89
18) trans-1,2-Dichloroethene	5.42	96	18392	5.345 ug/L	92
22) cis-1,2-Dichloroethene	7.16	96	665144	178.440 ug/L	99
35) Trichloroethene	9.09	95	45010	17.133 ug/L	96
47) Tetrachloroethene	10.86	164	6683	3.011 ug/L	97
49) 2-Hexanone	10.96	43	1139	0.705 ug/L #	68
59) 1,2,3-Trichloropropane	13.56	75	6079	3.008 ug/L	91

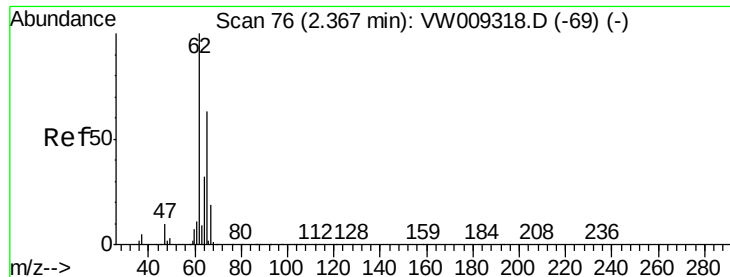
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 22 09:38:27 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.565 ug/L

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW009321.D

Acq: 21 Mar 2019 12:30

Instrument :

MSVOA_W

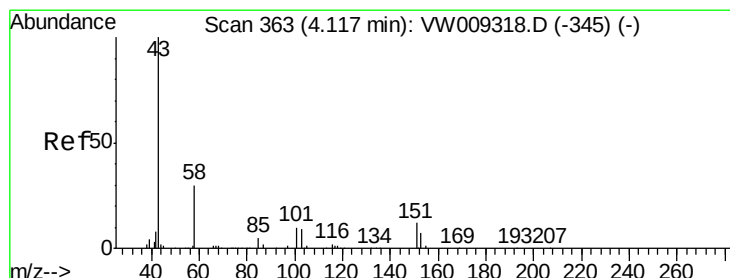
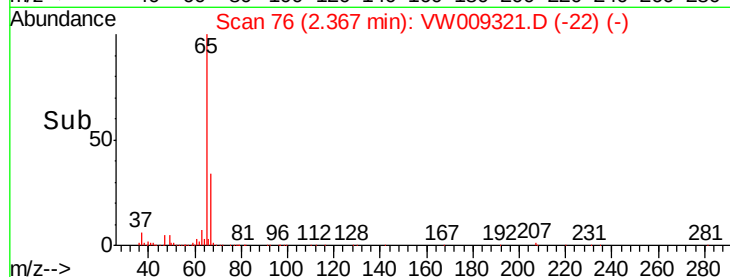
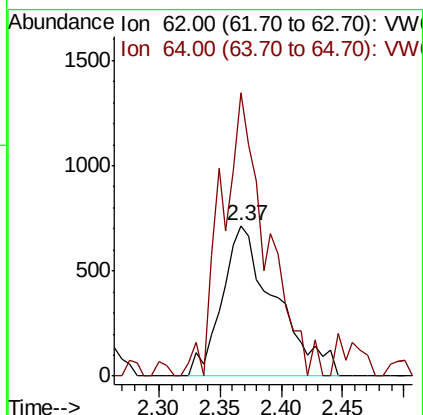
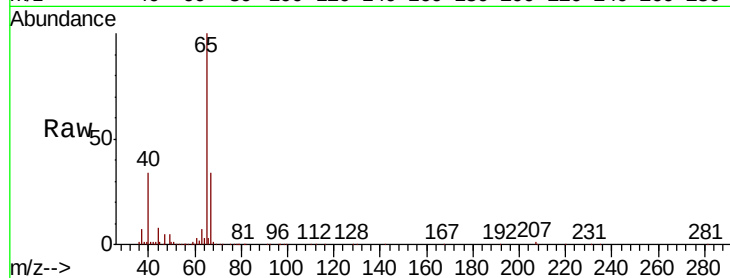
ClientSampled :

Tot Ion: 62 Resp: 2159

Ion Ratio Lower Upper

62 100

64 187.6 23.0 42.6#



#13

Acetone

Concen: 23.017 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009321.D

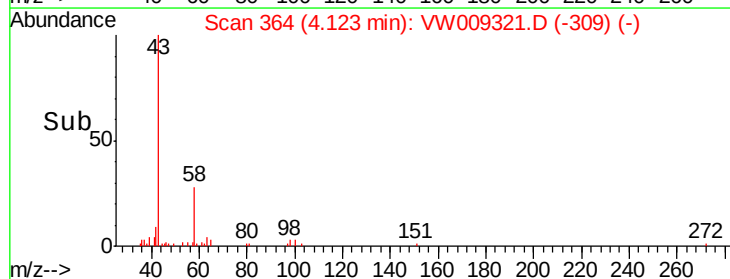
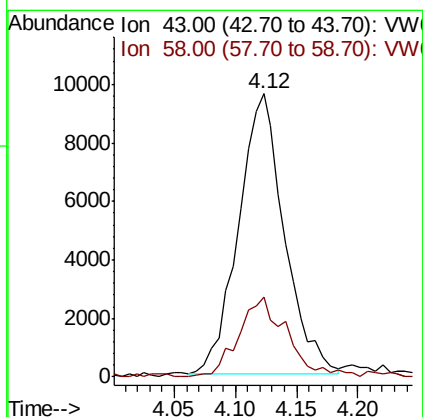
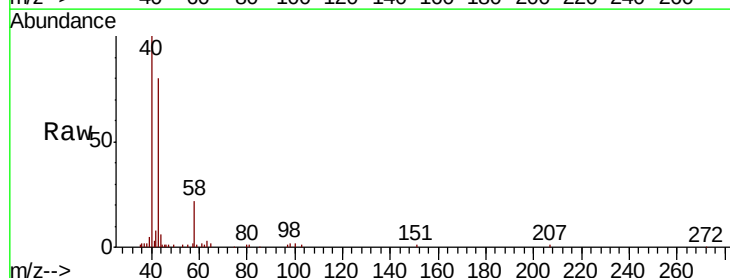
Acq: 21 Mar 2019 12:30

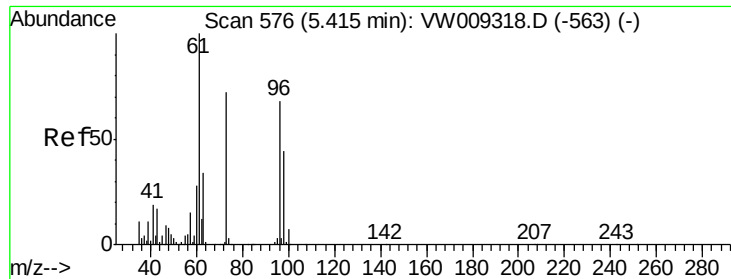
Tgt Ion: 43 Resp: 24792

Ion Ratio Lower Upper

43 100

58 22.4 0.0 56.2





#18

trans-1,2-Dichloroethene

Concen: 5.345 ug/L

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW009321.D

Acq: 21 Mar 2019 12:30

Instrument :

MSVOA_W

ClientSampled :

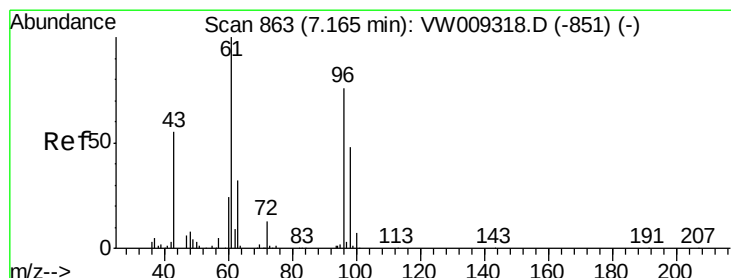
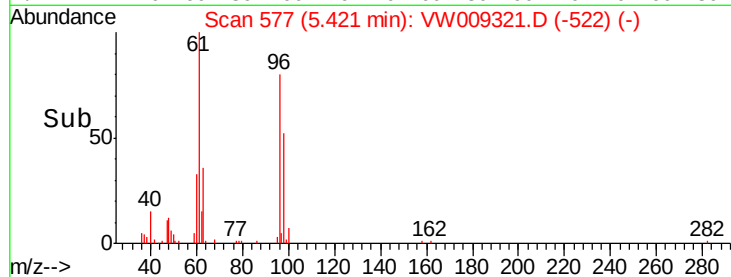
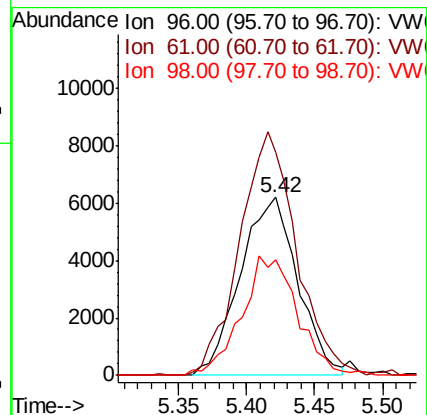
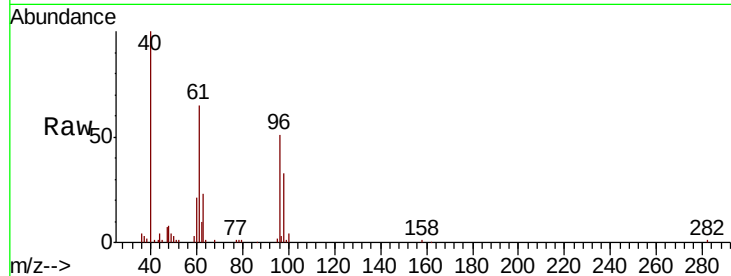
Tot Ion: 96 Resp: 18392

Ion Ratio Lower Upper

96 100

61 125.4 96.7 179.5

98 64.9 43.8 81.4



#22

cis-1,2-Dichloroethene

Concen: 178.440 ug/L

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW009321.D

Acq: 21 Mar 2019 12:30

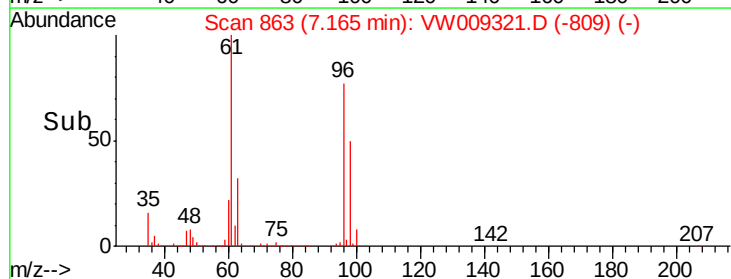
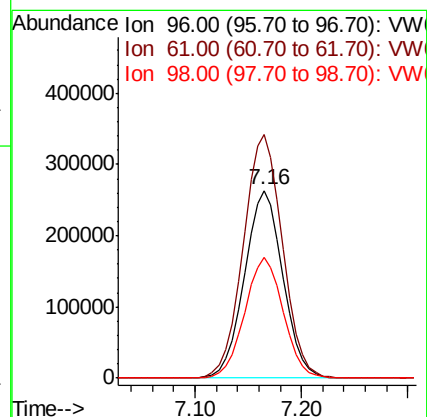
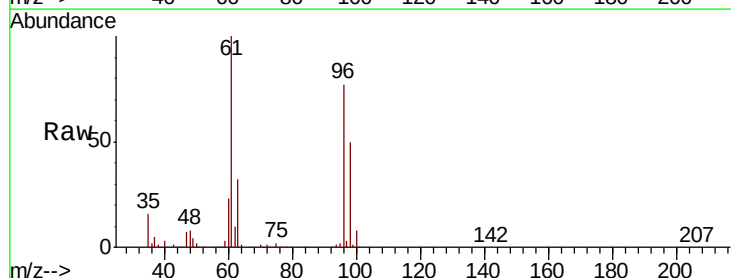
Tgt Ion: 96 Resp: 665144

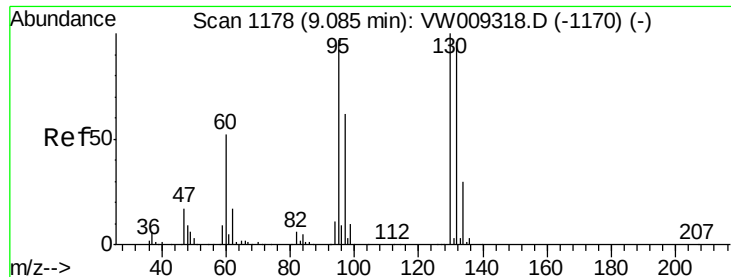
Ion Ratio Lower Upper

96 100

61 129.6 90.6 168.3

98 64.3 44.0 81.8





#35

Trichloroethene

Concen: 17.133 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW009321.D

Acq: 21 Mar 2019 12:30

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 45010

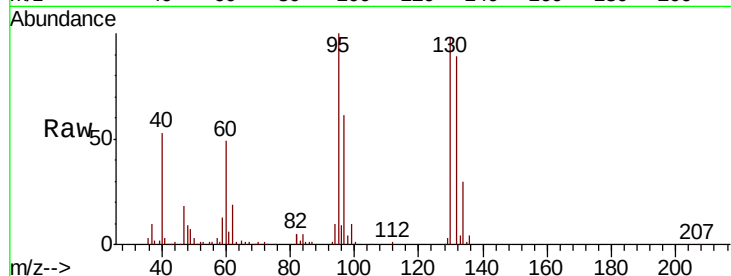
Ion Ratio Lower Upper

95 100

97 60.4 44.7 82.9

132 94.3 69.0 128.2

130 99.3 72.7 134.9

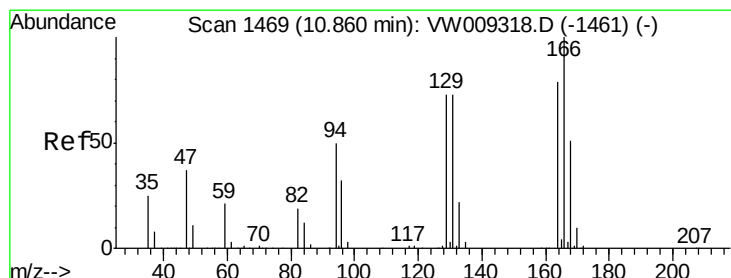
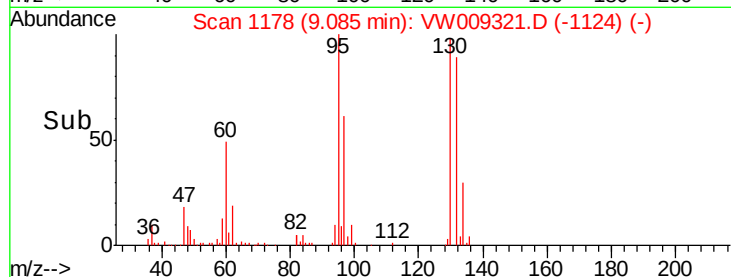
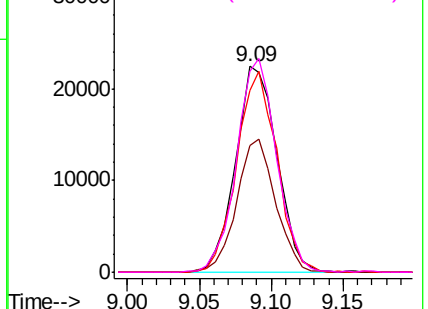


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#47

Tetrachloroethene

Concen: 3.011 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW009321.D

Acq: 21 Mar 2019 12:30

Tgt Ion:164 Resp: 6683

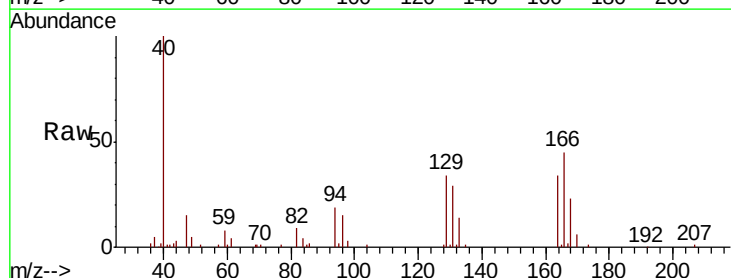
Ion Ratio Lower Upper

164 100

129 99.9 66.5 123.5

131 86.7 62.6 116.3

166 132.7 91.6 170.0

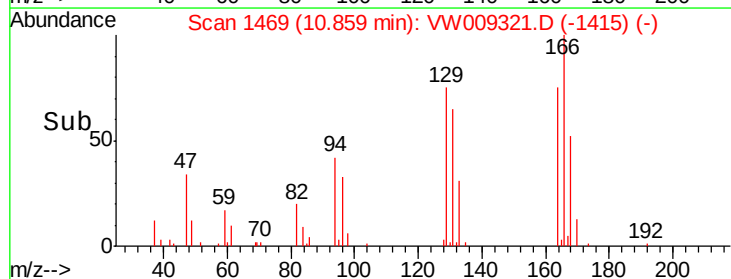
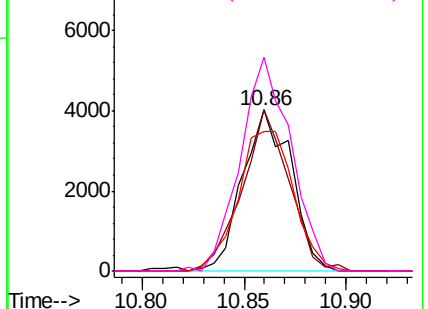


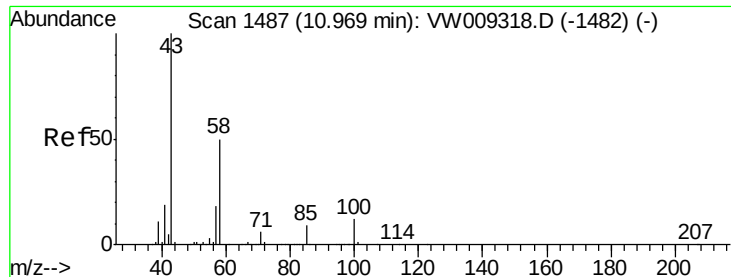
Abundance Ion 164.00 (163.70 to 164.70): V

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





#49

2-Hexanone

Concen: 0.705 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW009321.D

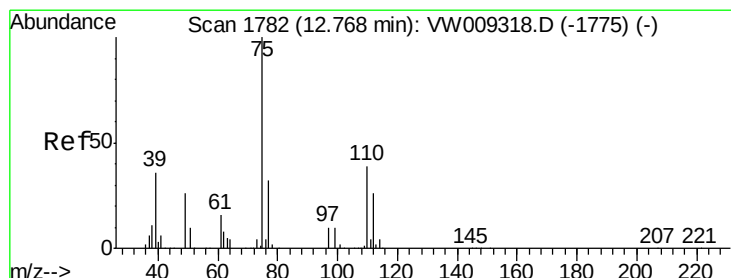
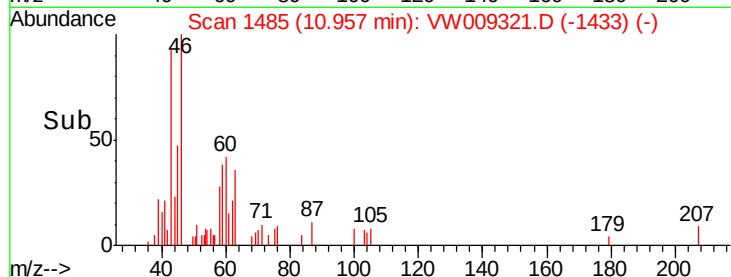
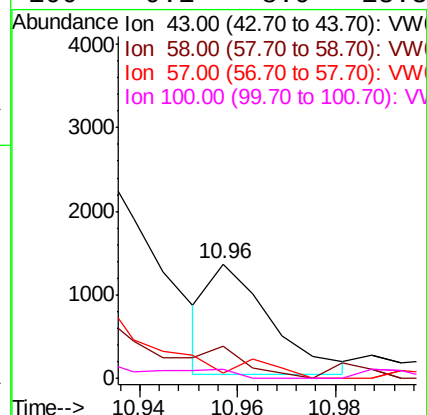
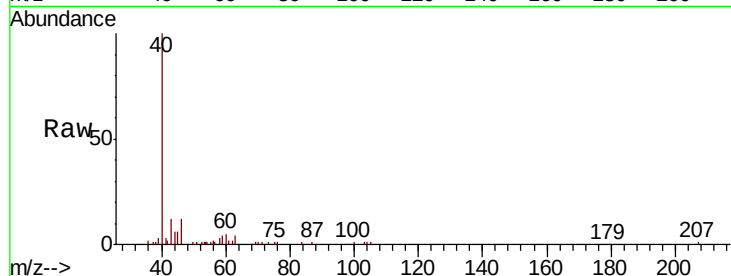
Acq: 21 Mar 2019 12:30

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:	43	Resp:	1139
Ion	Ratio	Lower	Upper
43	100		
58	18.3	39.2	58.8#
57	11.2	14.2	21.2#
100	9.1	8.9	13.3



#59

1,2,3-Trichloropropane

Concen: 3.008 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009321.D

Acq: 21 Mar 2019 12:30

Tgt Ion:	75	Resp:	6079
Ion	Ratio	Lower	Upper
75	100		
77	37.7	26.2	39.2

