

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072018\
 Data File : VW004103.D
 Acq On : 21 Jul 2018 04:49
 Operator : SY/AP
 Sample : J4038-21
 Misc : 5.88G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 21 06:24:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 06:22:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	104976	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	88523	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	22833	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	22978	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.52%
7) Chloroethane-d5	2.89	69	18991	25.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.48%
10) 1,1-Dichloroethene-d2	4.01	63	41138	16.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.04%
20) 2-Butanone-d5	7.09	46	27371	44.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.90%
24) Chloroform-d	7.65	84	75082	30.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	120.52%
26) 1,2-Dichloroethane-d4	8.31	65	53502	35.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	142.60%#
29) Benzene-d6	8.28	84	125853	30.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.60%
33) 1,2-Dichloropropane-d6	9.28	67	50690	37.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	148.04%#
37) Toluene-d8	10.33	98	88091	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.48%
38) trans-1,3-Dichloropropene-	10.59	79	10709	17.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.16%
39) 2-Hexanone-d5	10.93	63	15858	43.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.04%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	46329	30.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.52%#
61) 1,2-Dichlorobenzene-d4	13.87	152	19665	26.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.12%

Target Compounds

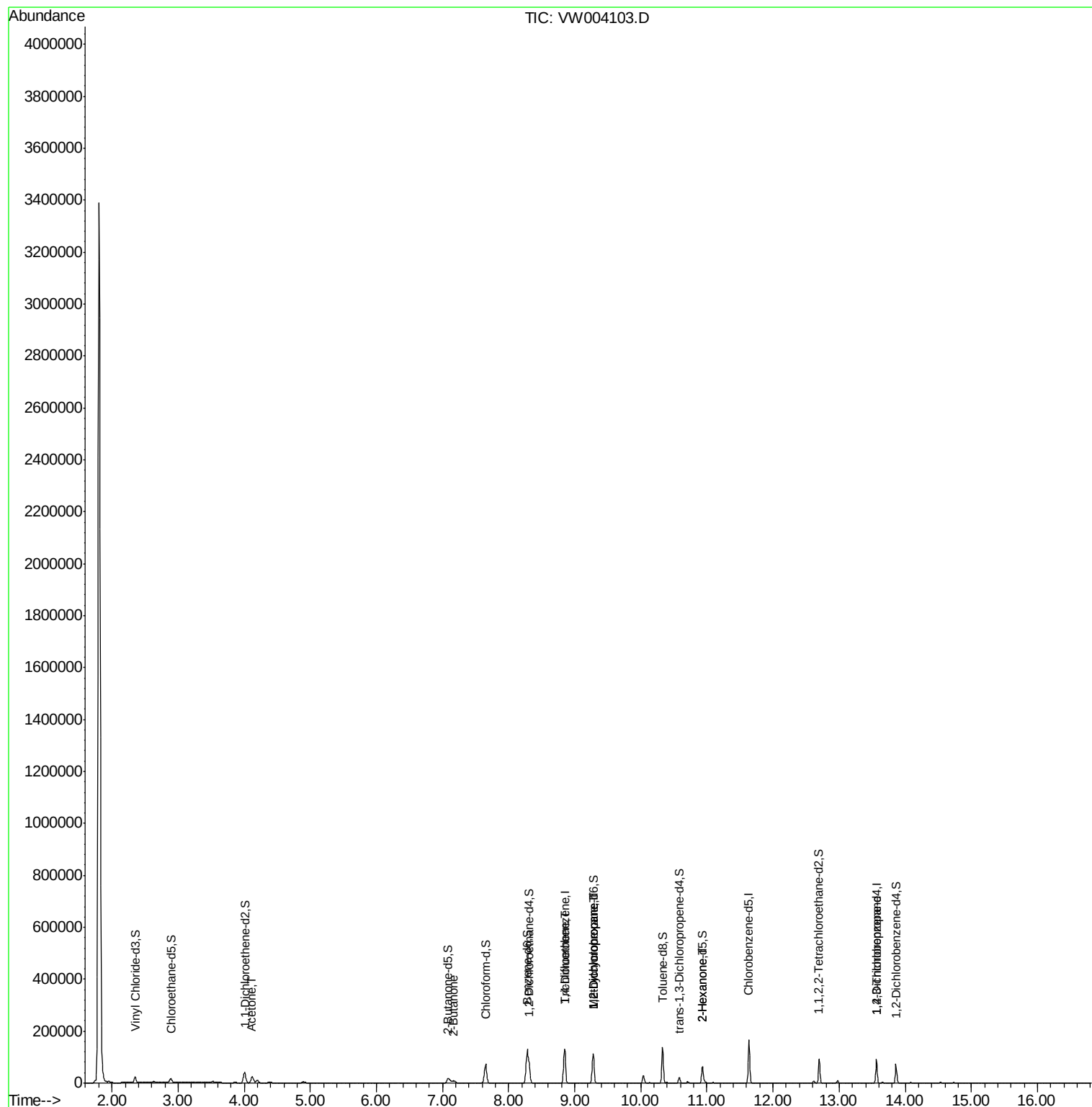
					Ovalue
13) Acetone	4.12	43	43771	66.121	ug/L 100
21) 2-Butanone	7.18	43	16556	20.157	ug/L 89
35) Trichloroethene	8.85	95	3434	2.365	ug/L # 6
36) Methylcyclohexane	9.28	83	11867	4.945	ug/L # 18
40) 1,2-Dichloropropane	9.28	63	5658	3.846	ug/L # 89
49) 2-Hexanone	10.93	43	3040	3.036	ug/L # 76
59) 1,2,3-Trichloropropane	13.57	75	3039	2.402	ug/L 91

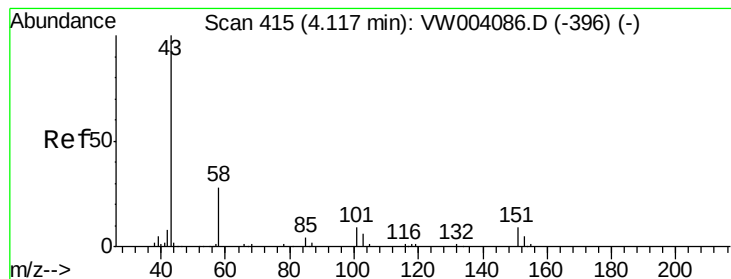
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 21 06:22:08 2018
Response via : Initial Calibration





#13

Acetone

Concen: 66.121 ug/L

RT: 4.12 min Scan# 415

Delta R.T. -0.00 min

Lab File: VW004103.D

Acq: 21 Jul 2018 04:49

Instrument :

MSVOA_W

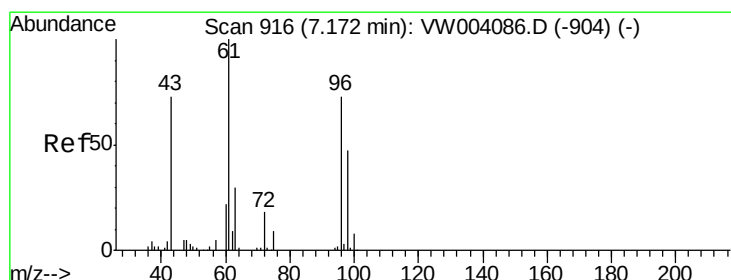
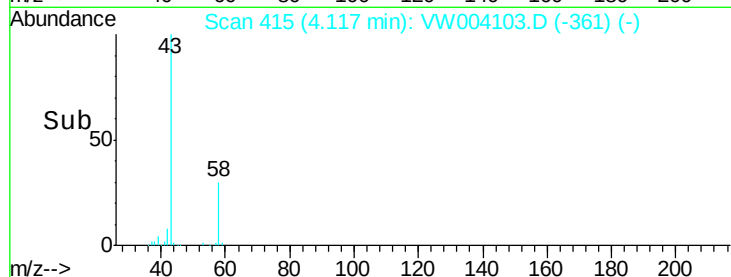
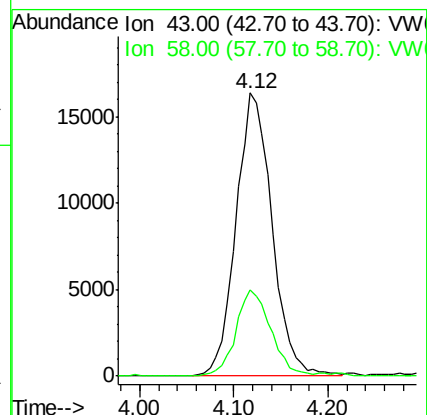
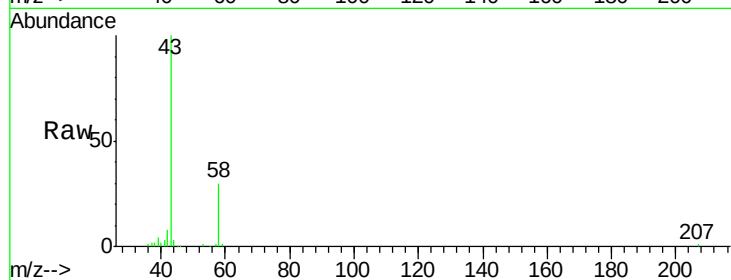
ClientSampled :

Tot Ion: 43 Resp: 43771

Ion Ratio Lower Upper

43 100

58 29.6 0.0 59.4



#21

2-Butanone

Concen: 20.157 ug/L

RT: 7.18 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW004103.D

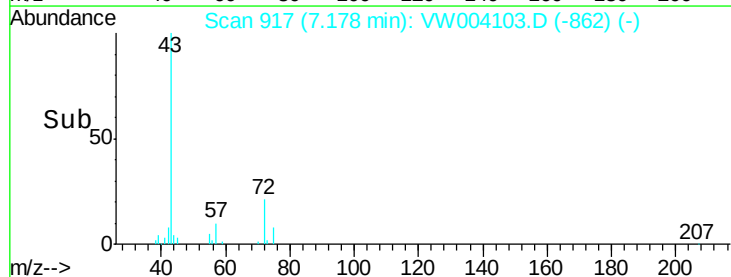
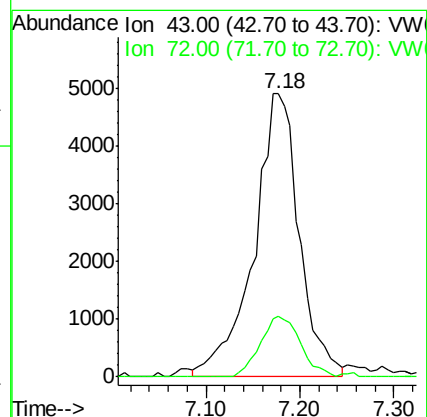
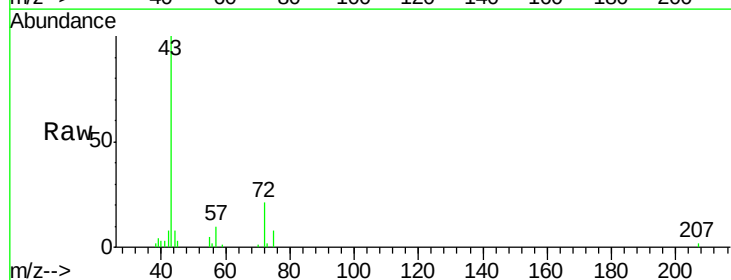
Acq: 21 Jul 2018 04:49

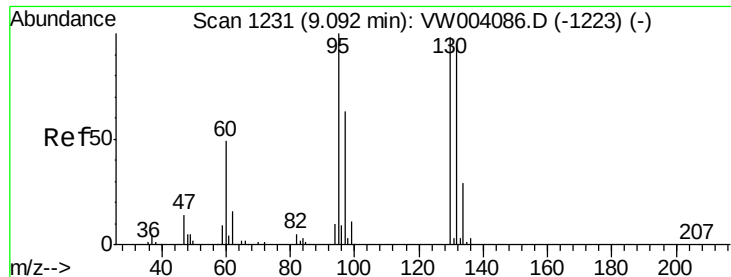
Tgt Ion: 43 Resp: 16556

Ion Ratio Lower Upper

43 100

72 18.9 12.1 36.3





#35

Trichloroethene

Concen: 2.365 ug/L

RT: 8.85 min Scan# 1191

Delta R.T. -0.24 min

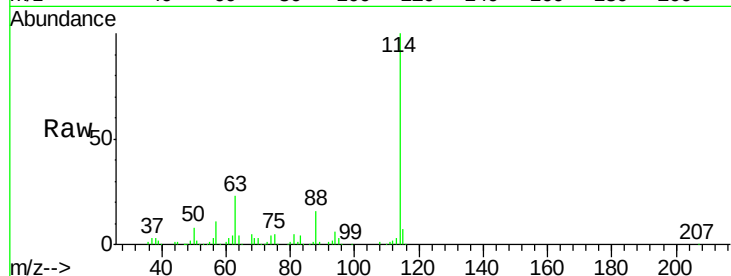
Lab File: VW004103.D

Acq: 21 Jul 2018 04:49

Instrument :

MSVOA_W

ClientSampled :



Tot Ion: 95 Resp: 3434

Ion Ratio Lower Upper

95 100

97 0.0 44.7 83.1#

132 0.0 66.1 122.7#

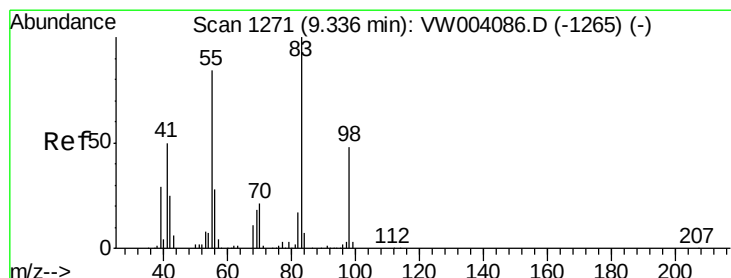
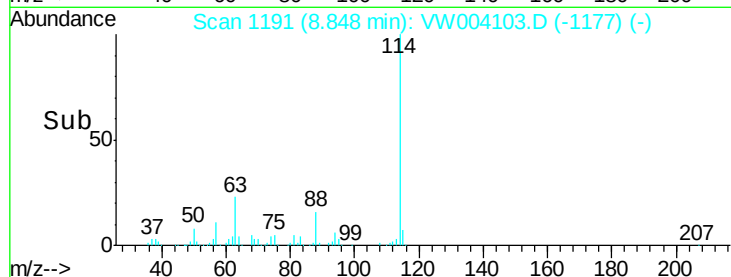
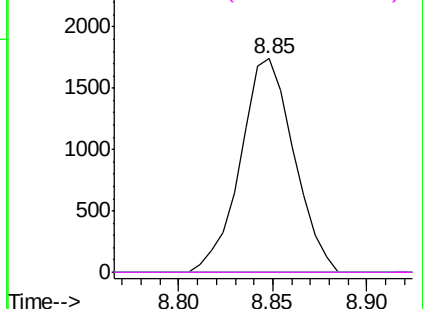
130 0.0 68.9 127.9#

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



#36

Methylcyclohexane

Concen: 4.945 ug/L

RT: 9.28 min Scan# 1262

Delta R.T. -0.05 min

Lab File: VW004103.D

Acq: 21 Jul 2018 04:49

Tgt Ion: 83 Resp: 11867

Ion Ratio Lower Upper

83 100

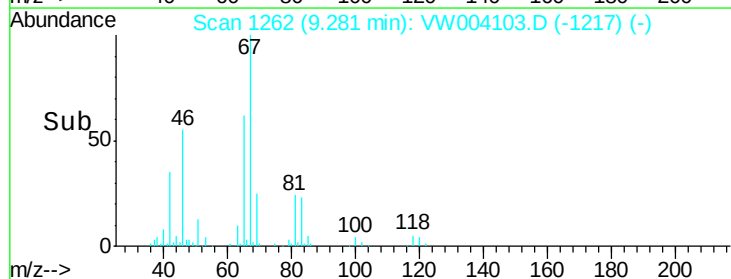
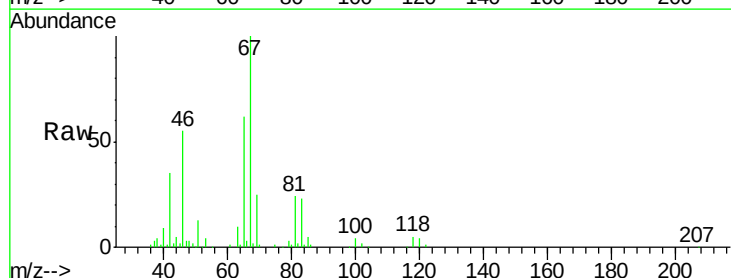
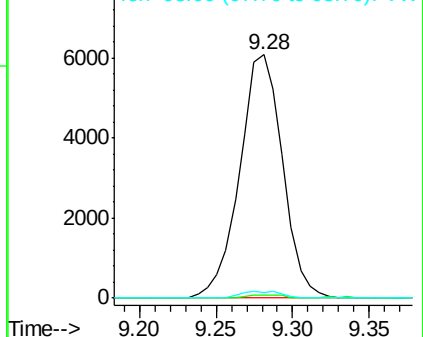
55 1.1 65.8 98.6#

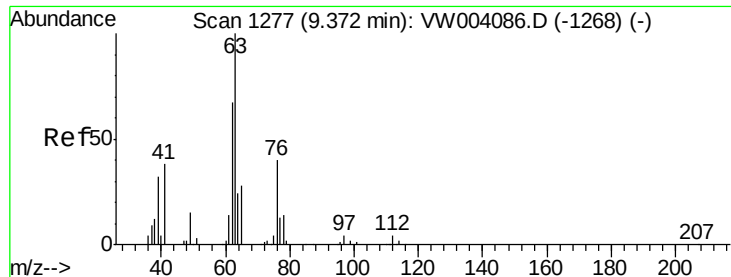
98 1.5 37.0 55.6#

Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 3.846 ug/L

RT: 9.28 min Scan# 1262

Delta R.T. -0.09 min

Lab File: VW004103.D

Acq: 21 Jul 2018 04:49

Instrument :

MSVOA_W

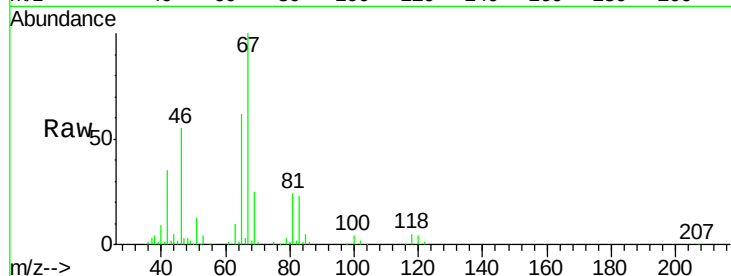
ClientSampled :

Tot Ion: 63 Resp: 5658

Ion Ratio Lower Upper

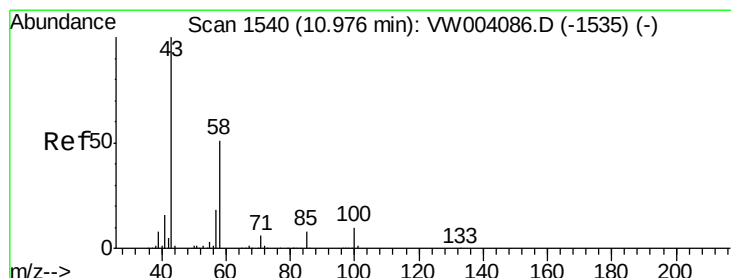
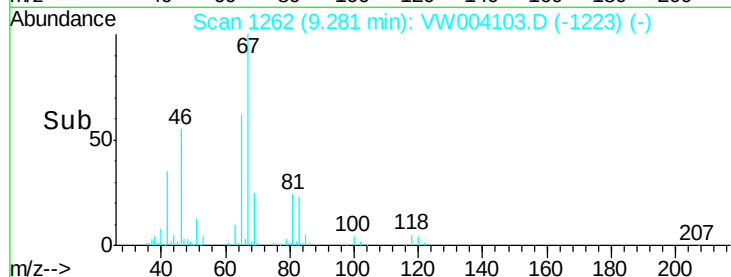
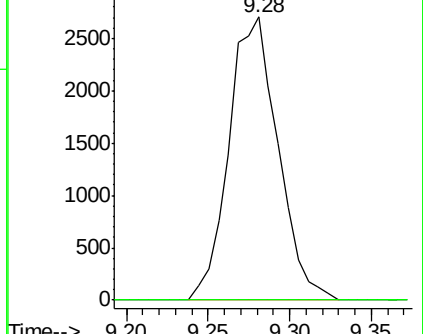
63 100

112 0.0 3.0 4.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#49

2-Hexanone

Concen: 3.036 ug/L

RT: 10.93 min Scan# 1533

Delta R.T. -0.04 min

Lab File: VW004103.D

Acq: 21 Jul 2018 04:49

Tgt Ion: 43 Resp: 3040

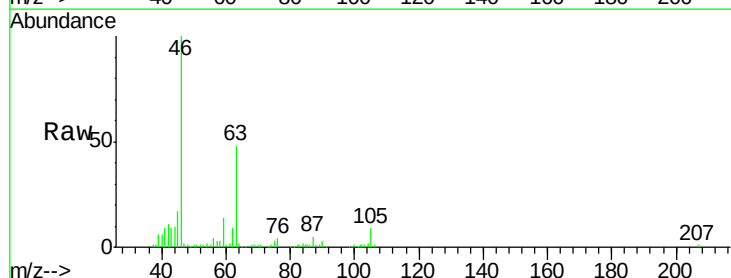
Ion Ratio Lower Upper

43 100

58 42.7 40.4 60.6

57 47.3 14.0 21.0#

100 4.5 8.2 12.2#

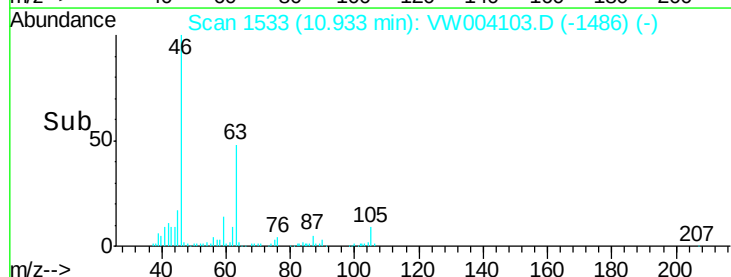
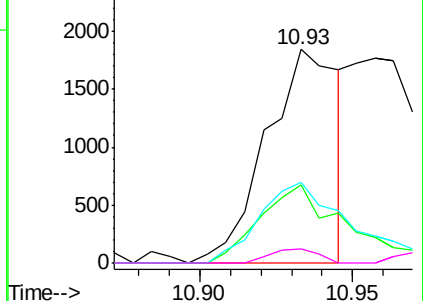


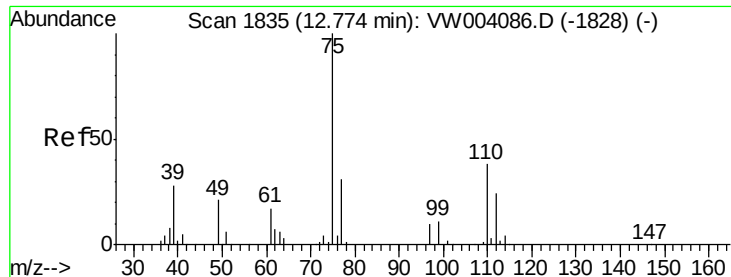
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW





#59

1,2,3-Trichloropropane

Concen: 2.402 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW004103.D

Acq: 21 Jul 2018 04:49

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 3039

Ion Ratio Lower Upper

75 100

77 36.5 25.4 38.0

