

Data File : VW009306.D
Acq On : 21 Mar 2019 00:57
Operator : SY/VA
Sample : K1988-07
Misc : 6.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0B8

Quant Time: Mar 21 12:24:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 21 12:20:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	368365	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	312560	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	101466	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	123964	28.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.64%
7) Chloroethane-d5	2.89	69	119186	23.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.56%
10) 1,1-Dichloroethene-d2	4.01	63	180166	18.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.76%
20) 2-Butanone-d5	7.07	46	29326	16.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	32.22%
24) Chloroform-d	7.65	84	264769	26.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.36%
26) 1,2-Dichloroethane-d4	8.31	65	153758	25.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.56%
29) Benzene-d6	8.27	84	479419	27.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.24%
33) 1,2-Dichloropropane-d6	9.27	67	150124	29.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.00%
37) Toluene-d8	10.32	98	394500	24.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.00%
38) trans-1,3-Dichloropropene-	10.57	79	50986	19.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.44%
39) 2-Hexanone-d5	10.93	63	26291	20.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	41.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120799	23.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	101073	25.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.92%

Target Compounds

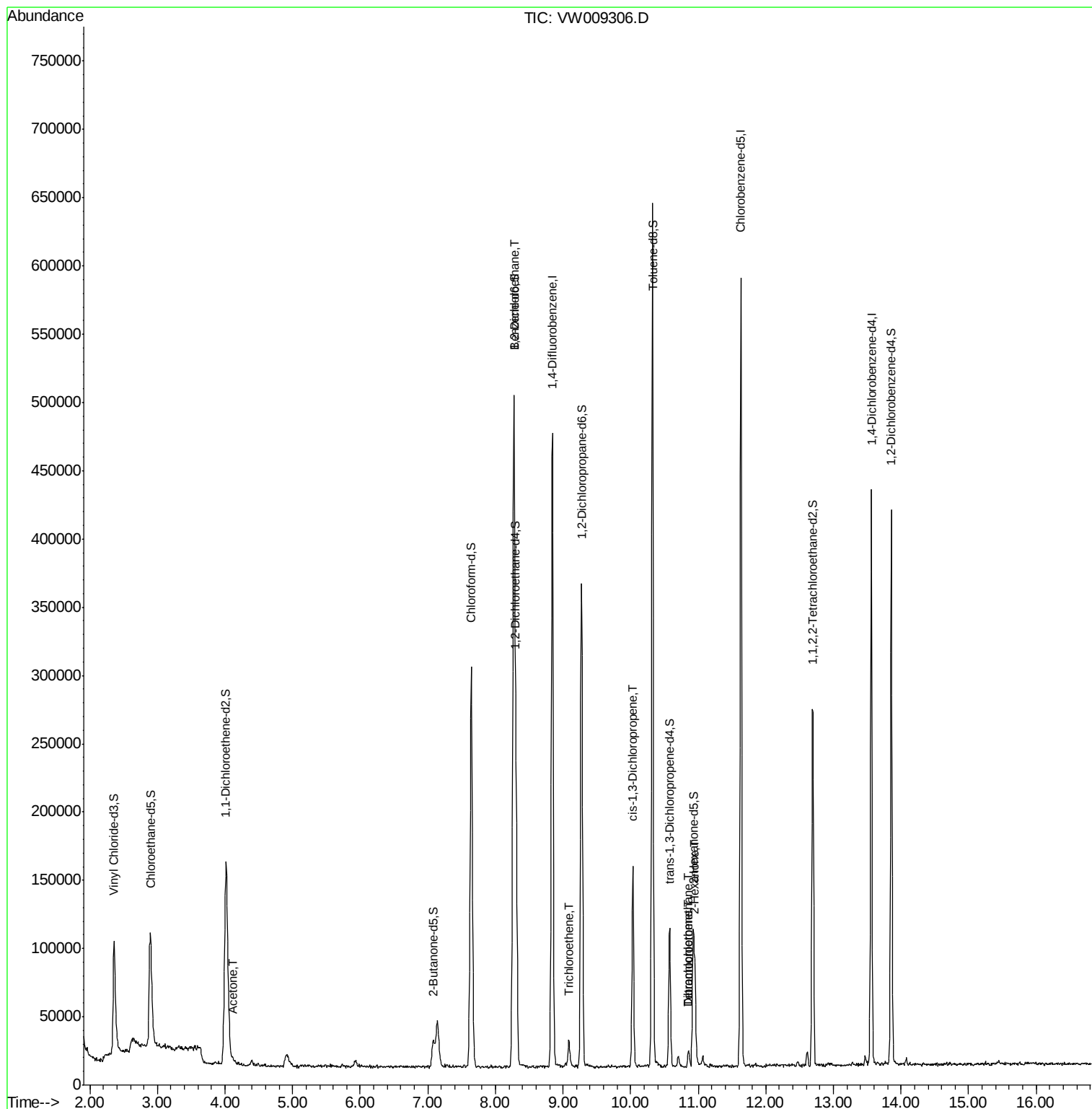
					Qvalue
13) Acetone	4.12	43	2391	1.602 ug/L	81
27) 1,2-Dichloroethane	8.27	62	3408	0.502 ug/L	97
35) Trichloroethene	9.09	95	4866	1.067 ug/L	92
42) cis-1,3-Dichloropropene	10.03	75	4337	0.607 ug/L #	80
47) Tetrachloroethene	10.86	164	2709	0.703 ug/L	90
49) 2-Hexanone	10.95	43	41190	14.702 ug/L #	49
50) Dibromochloromethane	10.86	129	2214	0.512 ug/L #	9

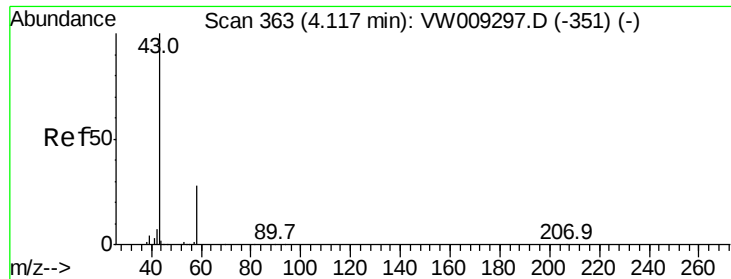
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.602 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009306.D

Acq: 21 Mar 2019 00:57

Instrument :

MSVOA_W

ClientSampleId :

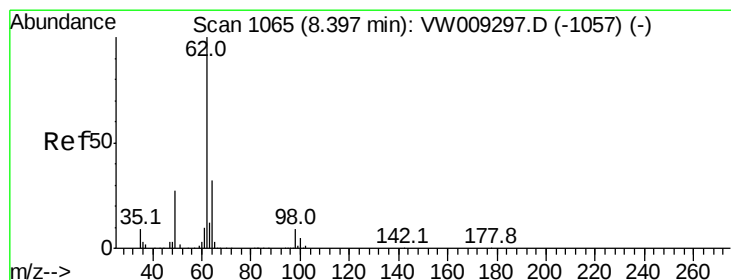
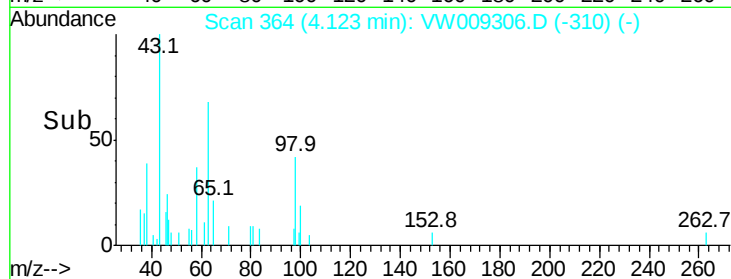
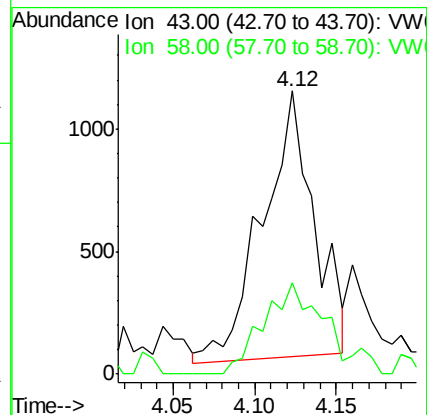
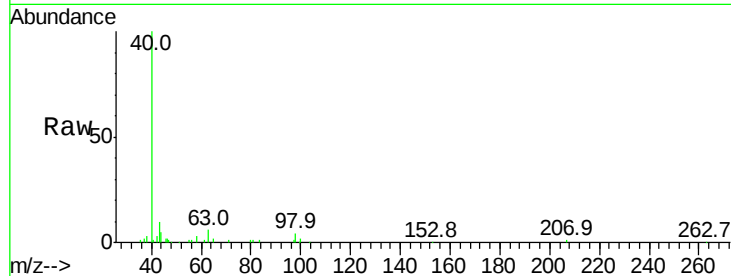
BF0B8

Tgt Ion: 43 Resp: 2391

Ion Ratio Lower Upper

43 100

58 37.9 0.0 56.2



#27

1,2-Dichloroethane

Concen: 0.502 ug/L

RT: 8.27 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW009306.D

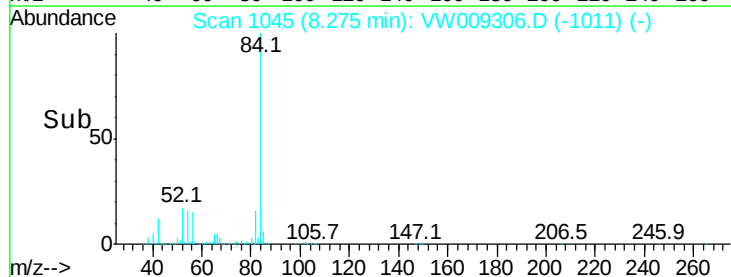
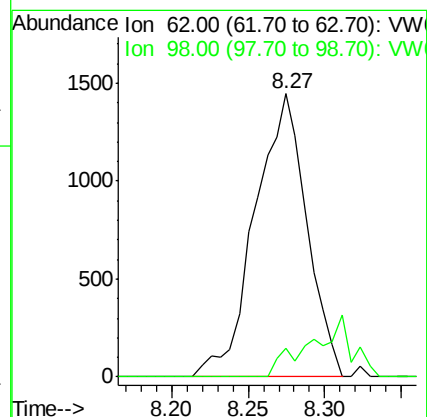
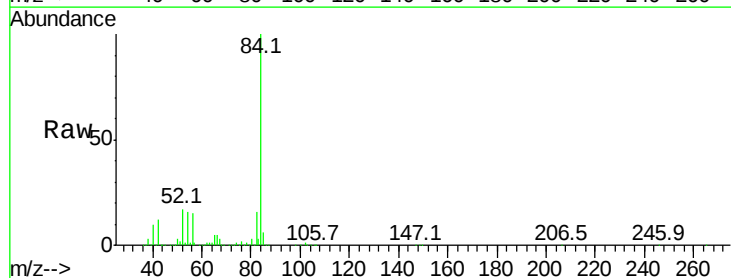
Acq: 21 Mar 2019 00:57

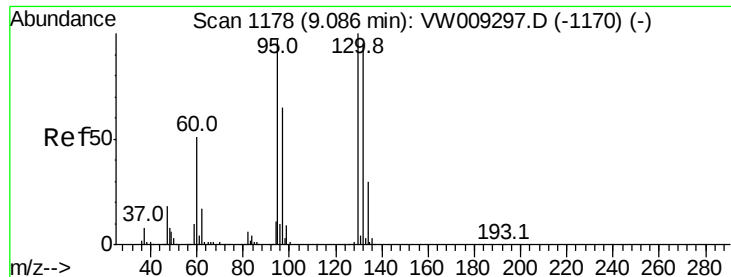
Tgt Ion: 62 Resp: 3408

Ion Ratio Lower Upper

62 100

98 10.3 7.3 10.9





#35

Trichloroethene

Concen: 1.067 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW009306.D

Acq: 21 Mar 2019 00:57

Instrument :

MSVOA_W

ClientSampleId :

BF0B8

Tgt Ion: 95 Resp: 4866

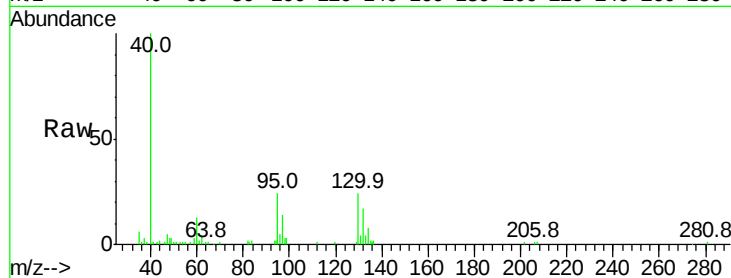
Ion Ratio Lower Upper

95 100

97 74.3 44.7 82.9

132 107.2 69.0 128.2

130 98.6 72.7 134.9

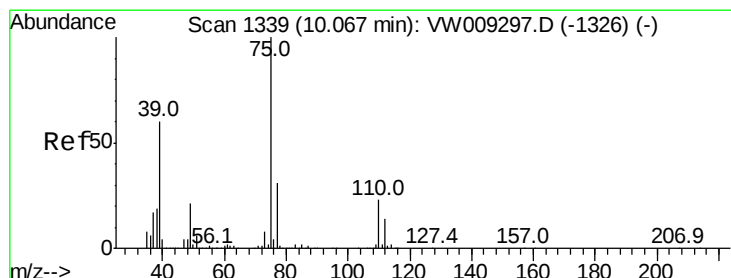
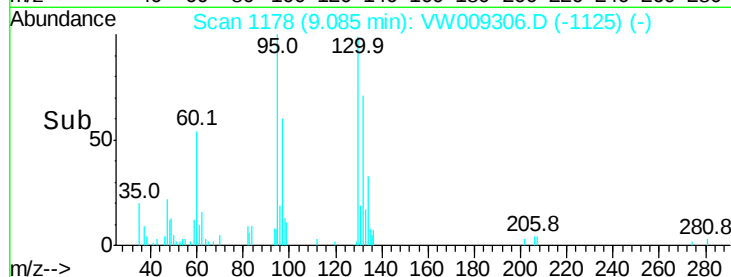
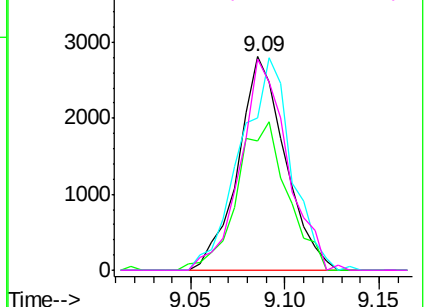


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#42

cis-1,3-Dichloropropene

Concen: 0.607 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009306.D

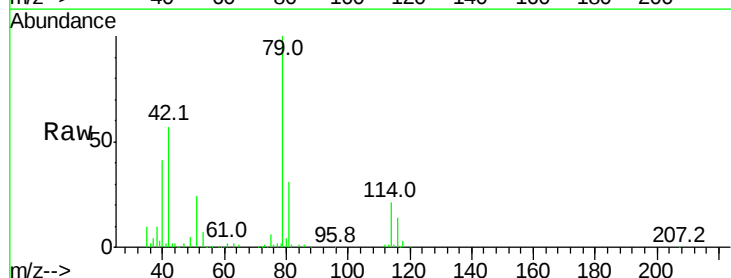
Acq: 21 Mar 2019 00:57

Tgt Ion: 75 Resp: 4337

Ion Ratio Lower Upper

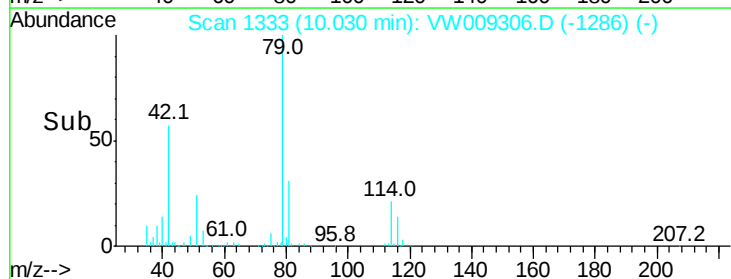
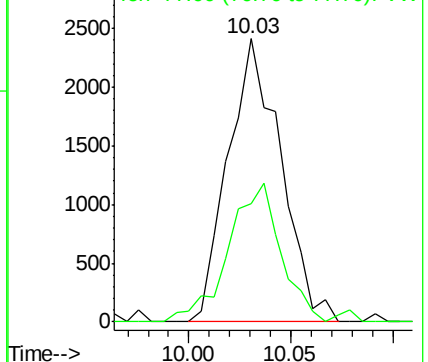
75 100

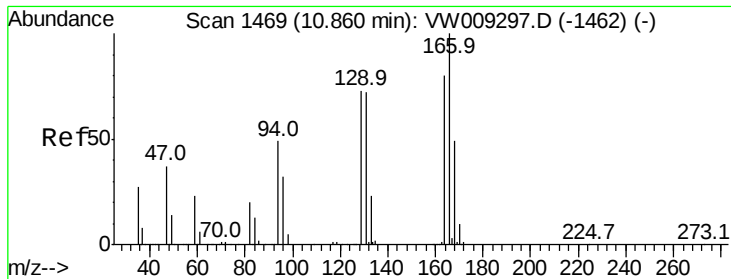
77 41.8 21.6 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#47

Tetrachloroethene

Concen: 0.703 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009306.D

Acq: 21 Mar 2019 00:57

Instrument :

MSVOA_W

ClientSampleId :

BFOB8

Tgt Ion:164 Resp: 2709

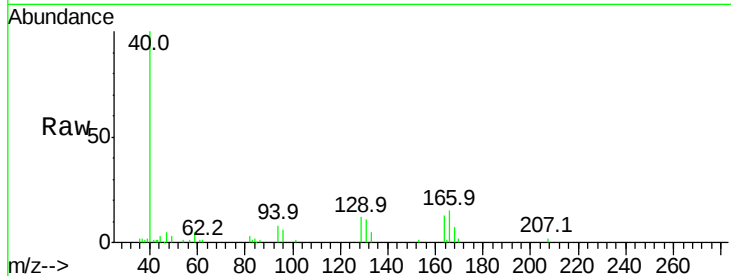
Ion Ratio Lower Upper

164 100

129 89.5 66.5 123.5

131 80.2 62.6 116.3

166 114.1 91.6 170.0

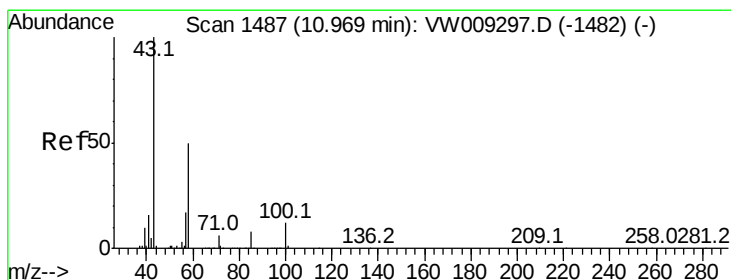
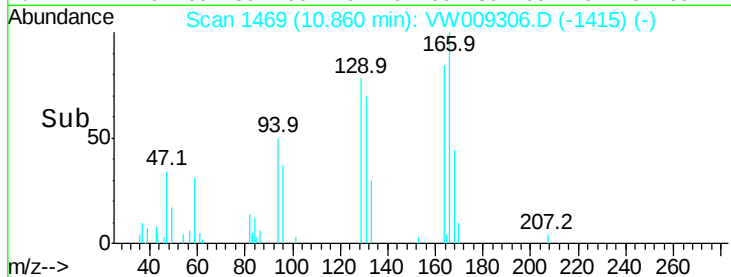
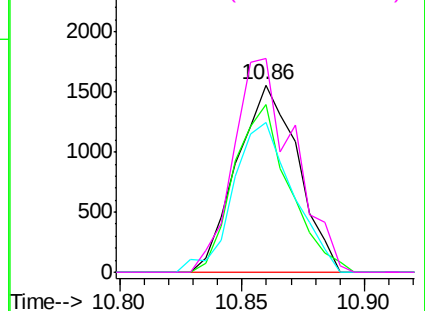


Abundance Ion 164.00 (163.70 to 164.70): V

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: 14.702 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW009306.D

Acq: 21 Mar 2019 00:57

Tgt Ion: 43 Resp: 41190

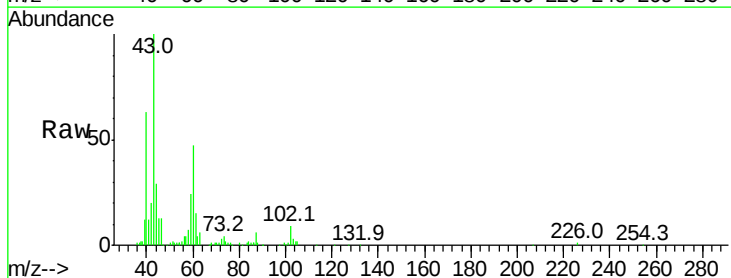
Ion Ratio Lower Upper

43 100

58 8.1 39.2 58.8#

57 0.0 14.2 21.2#

100 0.6 8.9 13.3#

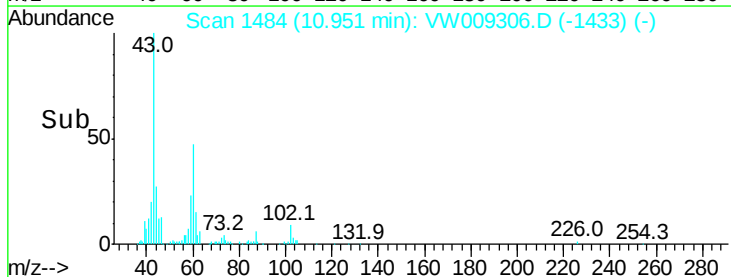
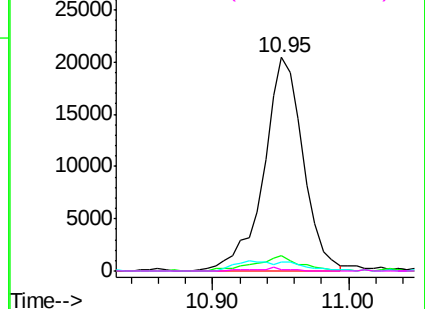


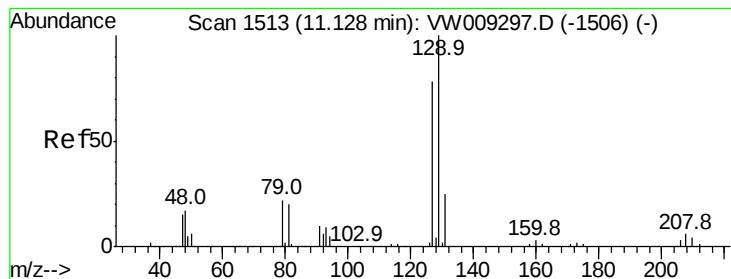
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#50

Dibromochloromethane

Concen: 0.512 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW009306.D

Acq: 21 Mar 2019 00:57

Instrument :

MSVOA_W

ClientSampleId :

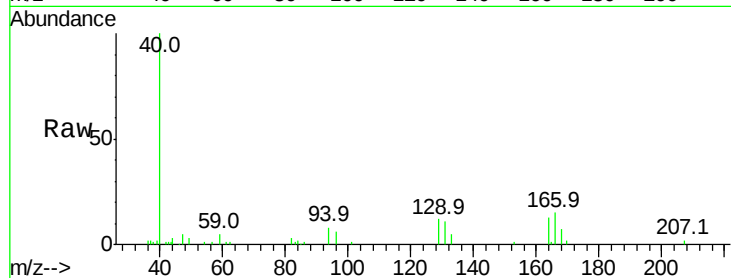
BF0B8

Tgt Ion:129 Resp: 2214

Ion Ratio Lower Upper

129 100

127 0.0 56.8 105.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

