

Data File : VW007960.D
Acq On : 27 Dec 2018 10:29
Operator : SY/AP
Sample : J6507-06
Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF060

Quant Time: Dec 28 04:04:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 28 04:01:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	96998	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	87938	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	38262	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	22624	23.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.68%
7) Chloroethane-d5	2.90	69	15527	24.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.44%
10) 1,1-Dichloroethene-d2	4.01	63	44314	17.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.48%
20) 2-Butanone-d5	7.08	46	15540	38.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.24%
24) Chloroform-d	7.65	84	61115	23.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.72%
26) 1,2-Dichloroethane-d4	8.31	65	38840	25.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.40%
29) Benzene-d6	8.27	84	117499	23.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.28%
33) 1,2-Dichloropropane-d6	9.27	67	32923	24.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.16%
37) Toluene-d8	10.32	98	110081	22.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.64%
38) trans-1,3-Dichloropropene-	10.58	79	17404	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.40%
39) 2-Hexanone-d5	10.93	63	12601	36.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	28426	22.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	36196	23.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.68%

Target Compounds

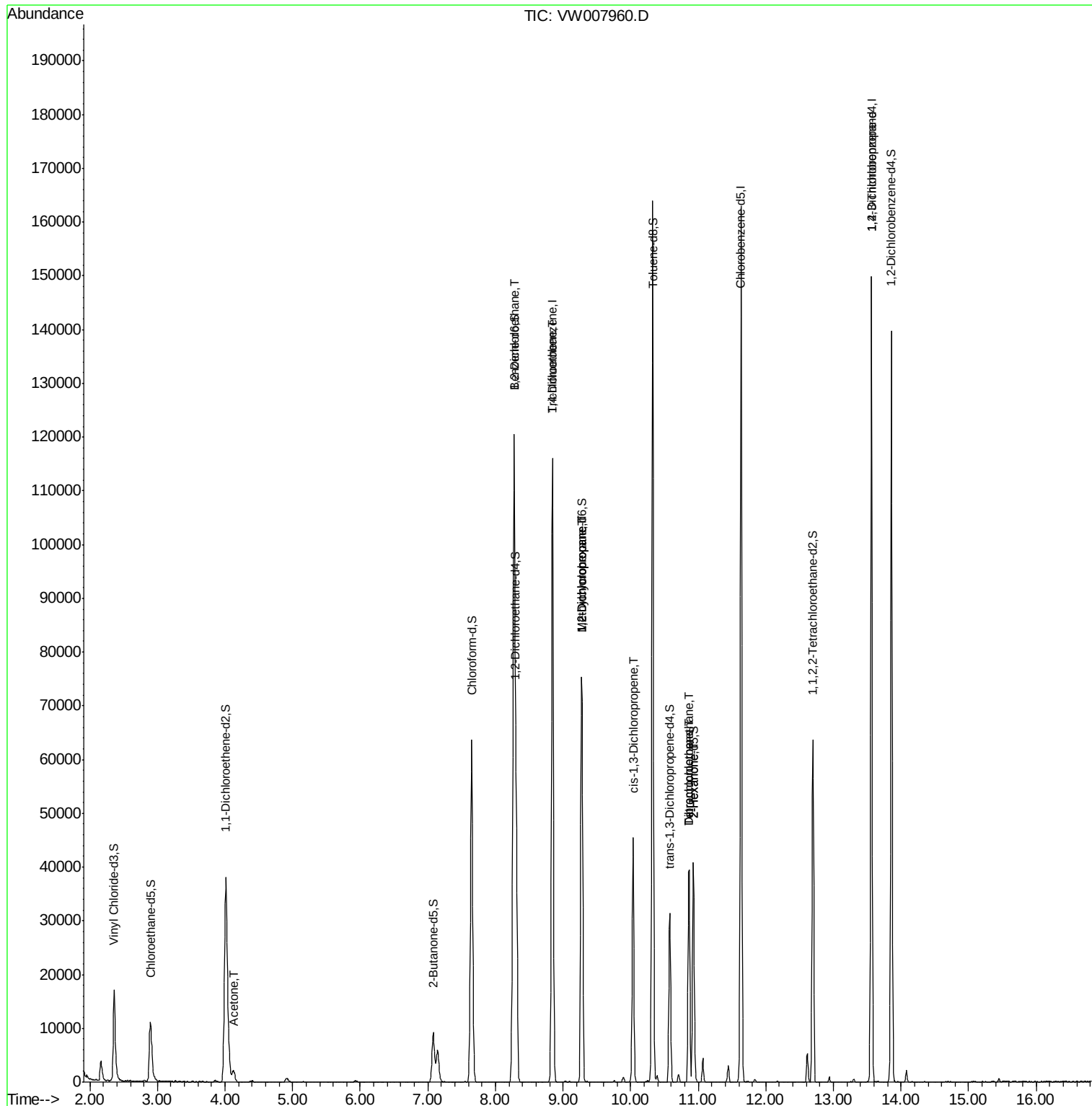
					Qvalue
13) Acetone	4.12	43	3400	8.536 ug/L	94
27) 1,2-Dichloroethane	8.27	62	767	0.459 ug/L #	80
35) Trichloroethene	8.85	95	3188	2.332 ug/L #	7
36) Methylcyclohexane	9.27	83	9226	3.935 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	4361	3.943 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	1267	0.656 ug/L #	76
47) Tetrachloroethene	10.86	164	8802	8.103 ug/L	97
49) 2-Hexanone	10.93	43	1917	3.035 ug/L #	59
50) Dibromochloromethane	10.86	129	8796	7.378 ug/L #	9
59) 1,2,3-Trichloropropane	13.56	75	4259	4.563 ug/L #	84

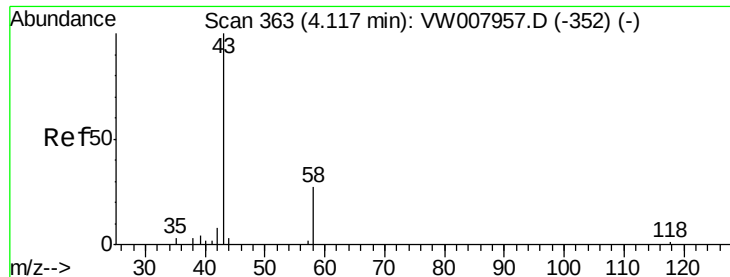
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 8.536 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007960.D

Acq: 27 Dec 2018 10:29

Instrument :

MSVOA_W

ClientSampled :

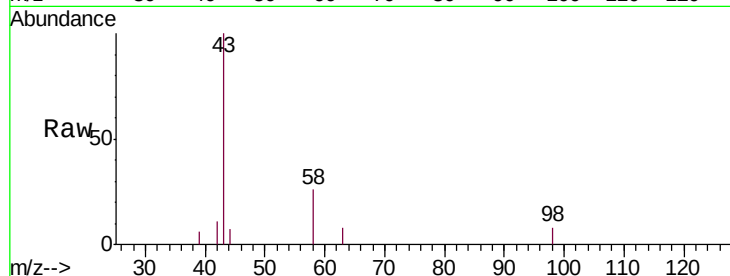
BF060

Tgt Ion: 43 Resp: 3400

Ion Ratio Lower Upper

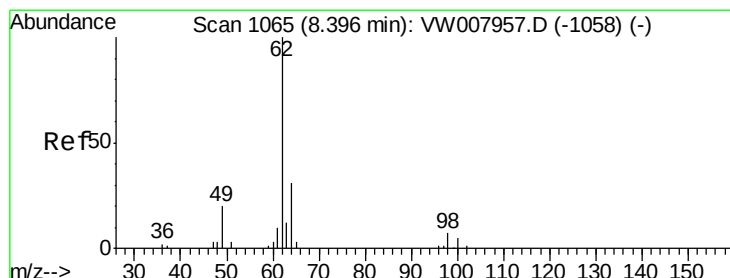
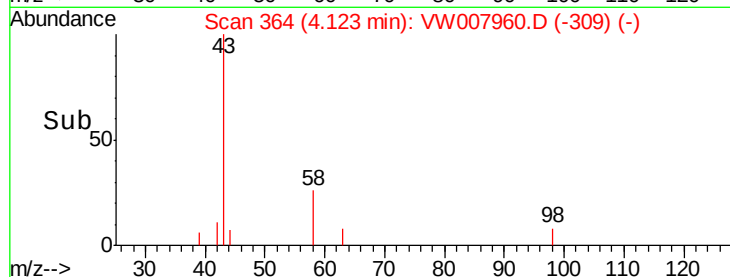
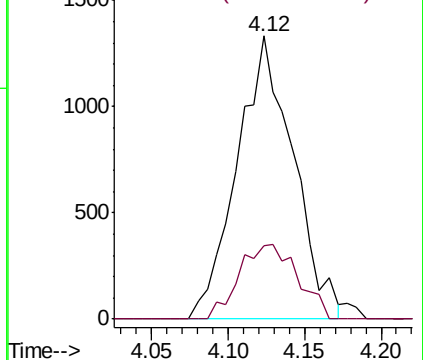
43 100

58 26.2 0.0 58.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#27

1,2-Dichloroethane

Concen: 0.459 ug/L

RT: 8.27 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW007960.D

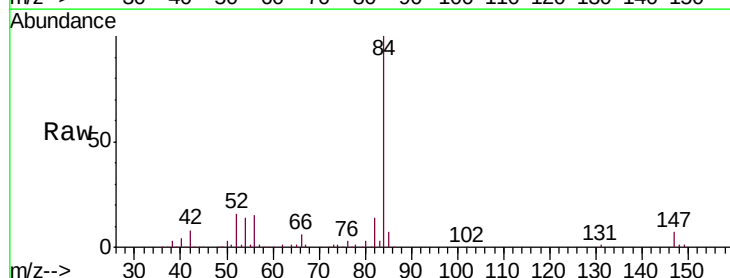
Acq: 27 Dec 2018 10:29

Tgt Ion: 62 Resp: 767

Ion Ratio Lower Upper

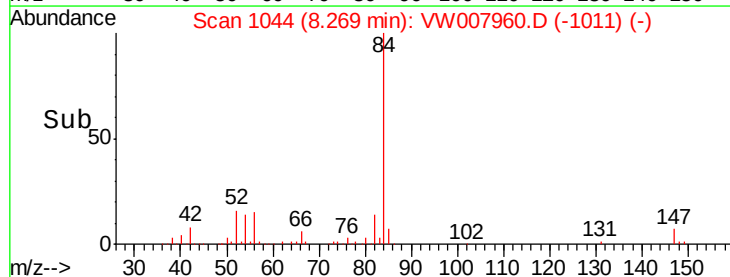
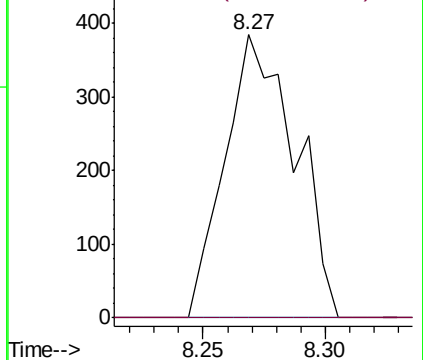
62 100

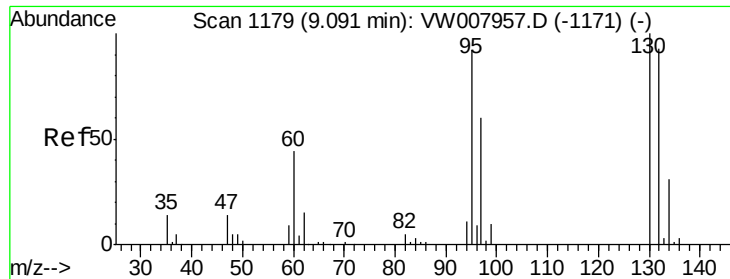
98 0.0 5.4 8.2#



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW





#35

Trichloroethene

Concen: 2.332 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW007960.D

Acq: 27 Dec 2018 10:29

Instrument :

MSVOA_W

ClientSampled :

BF060

Tgt Ion: 95 Resp: 3188

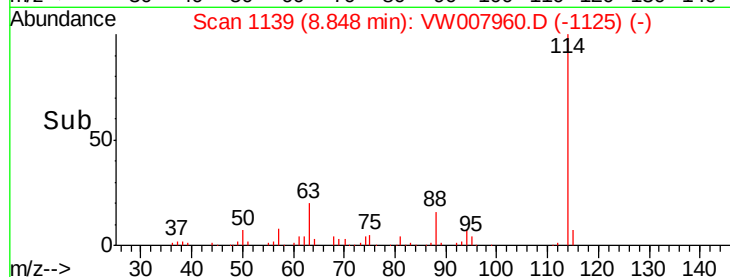
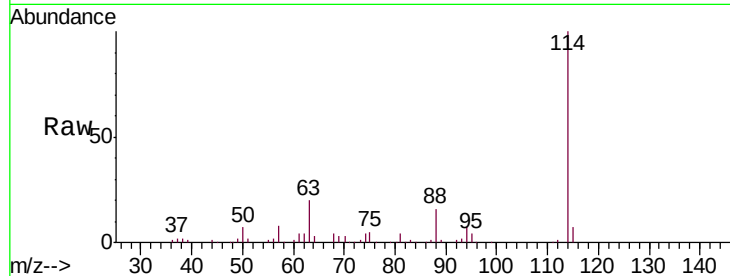
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.5#

132 1.4 67.8 126.0#

130 2.9 70.3 130.7#

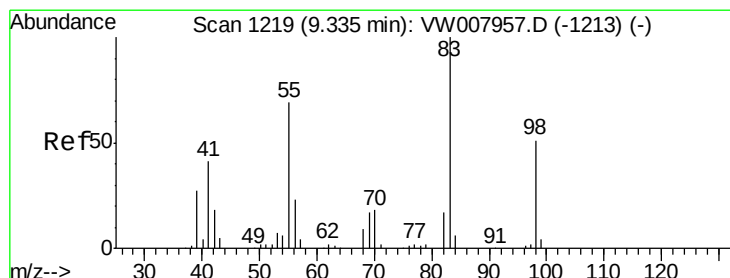
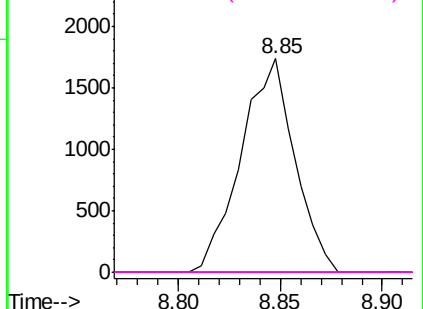


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.935 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW007960.D

Acq: 27 Dec 2018 10:29

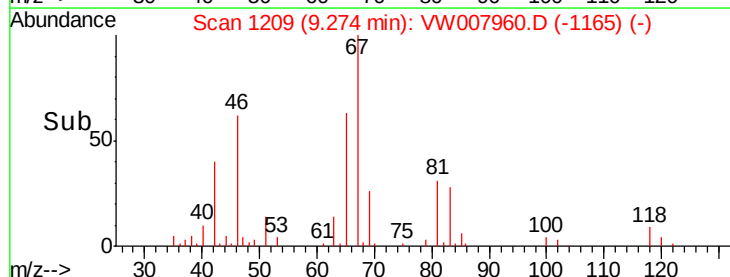
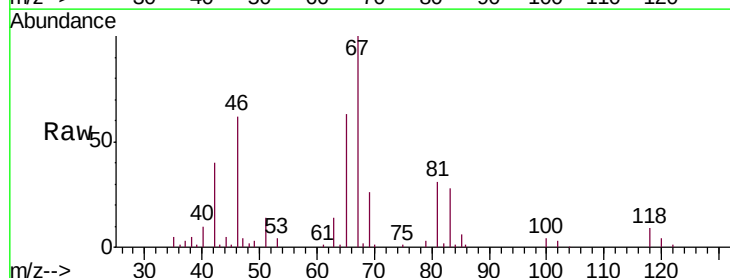
Tgt Ion: 83 Resp: 9226

Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.0#

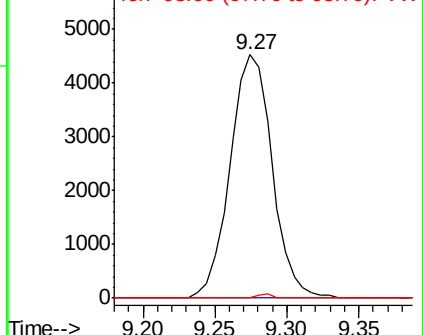
98 0.5 38.2 57.2#

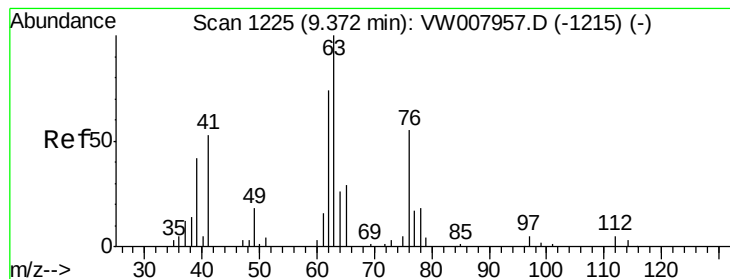


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 3.943 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW007960.D

Acq: 27 Dec 2018 10:29

Instrument :

MSVOA_W

ClientSampleId :

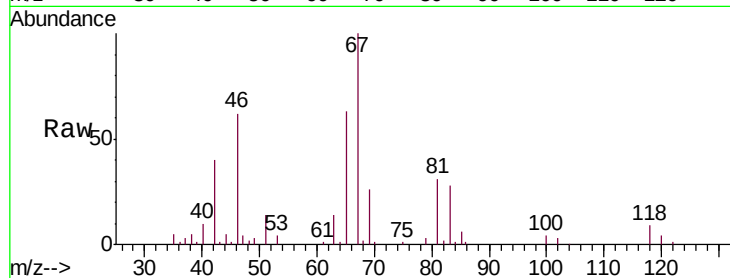
BF060

Tgt Ion: 63 Resp: 4361

Ion Ratio Lower Upper

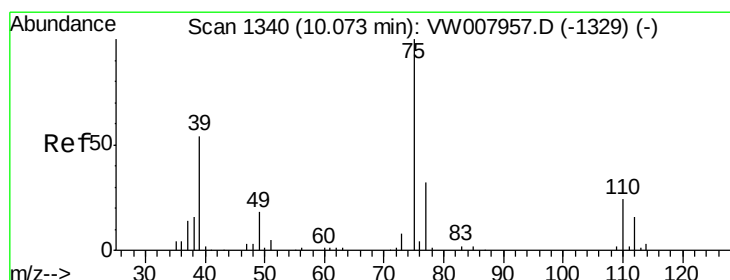
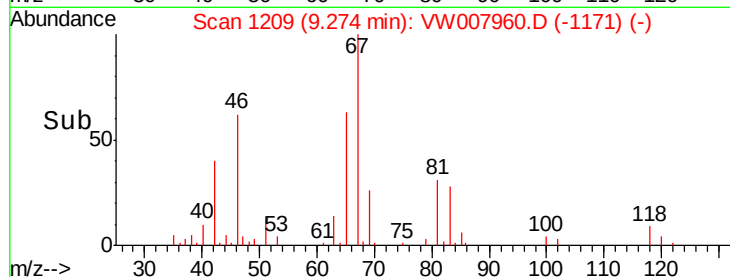
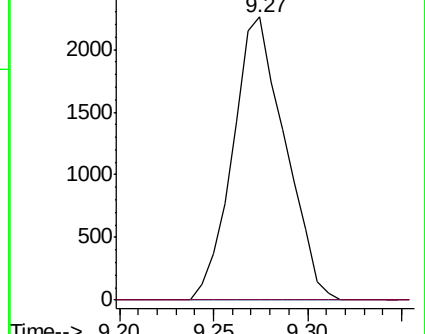
63 100

112 0.0 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.656 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW007960.D

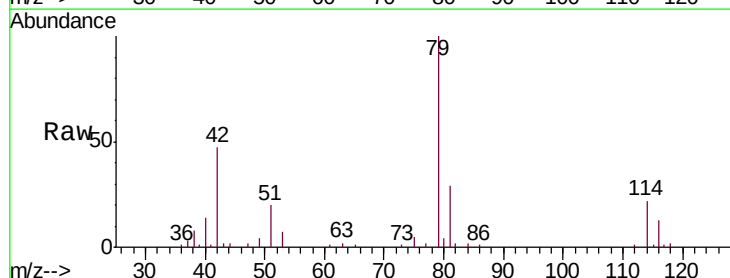
Acq: 27 Dec 2018 10:29

Tgt Ion: 75 Resp: 1267

Ion Ratio Lower Upper

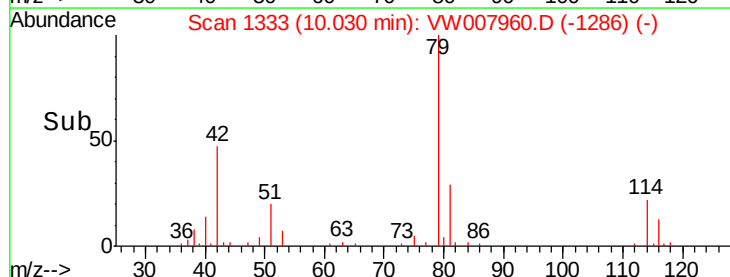
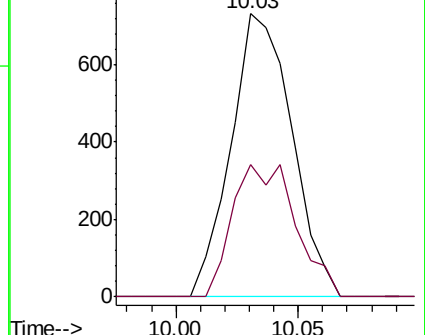
75 100

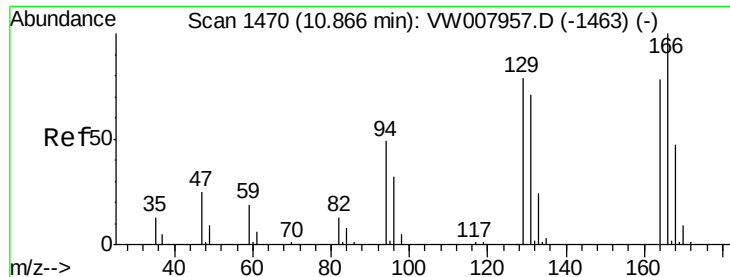
77 46.6 23.0 42.8#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#47

Tetrachloroethene

Concen: 8.103 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW007960.D

Acq: 27 Dec 2018 10:29

Instrument :

MSVOA_W

ClientSampleId :

BF060

Tgt Ion: 164 Resp: 8802

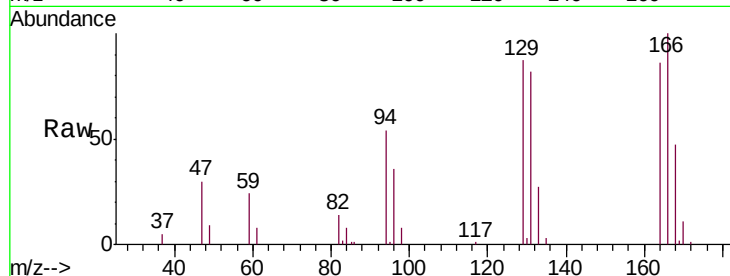
Ion Ratio Lower Upper

164 100

129 101.2 70.6 131.2

131 95.6 66.5 123.5

166 116.1 87.7 162.9

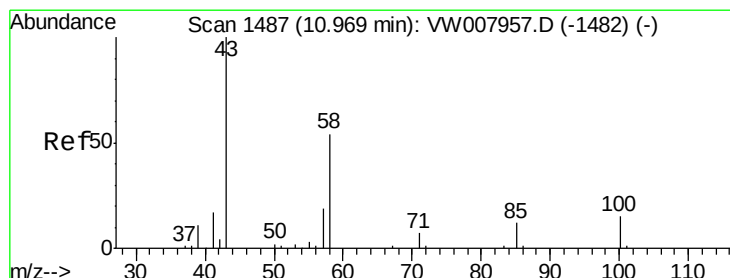
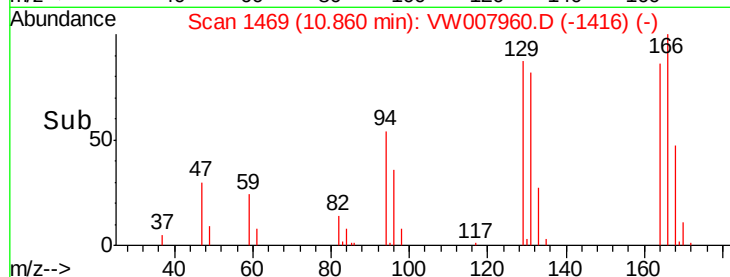
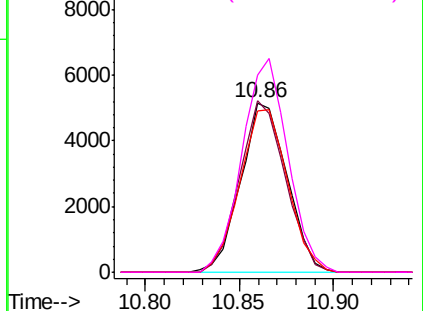


Abundance Ion 164.00 (163.70 to 164.70): V

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: 3.035 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW007960.D

Acq: 27 Dec 2018 10:29

Tgt Ion: 43 Resp: 1917

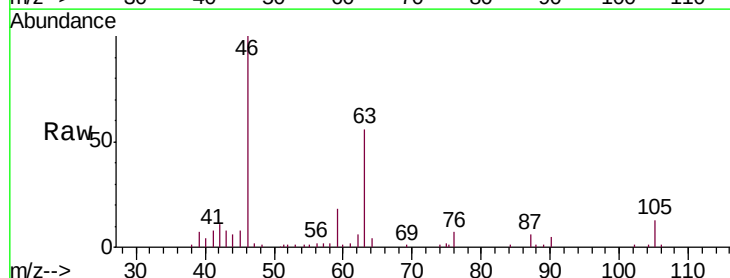
Ion Ratio Lower Upper

43 100

58 15.0 46.2 69.4#

57 22.1 17.9 26.9

100 0.0 11.4 17.2#

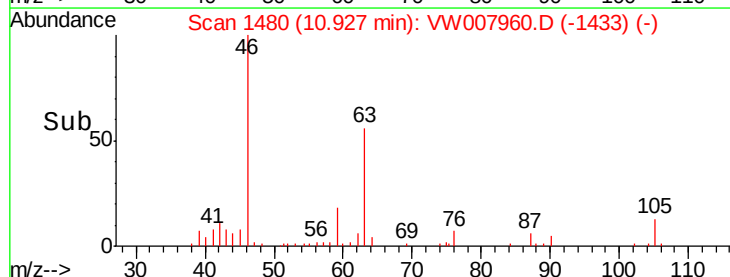
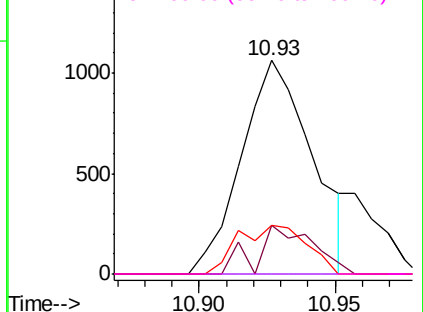


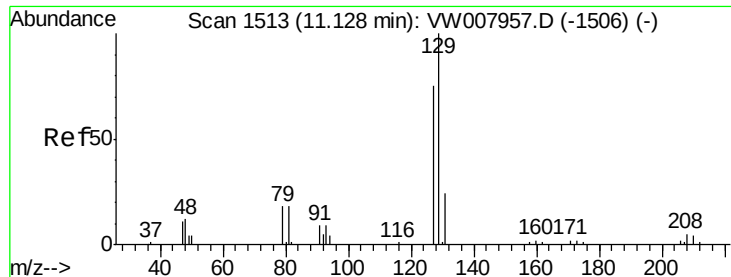
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#50

Dibromochloromethane

Concen: 7.378 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW007960.D

Acq: 27 Dec 2018 10:29

Instrument :

MSVOA_W

ClientSampleId :

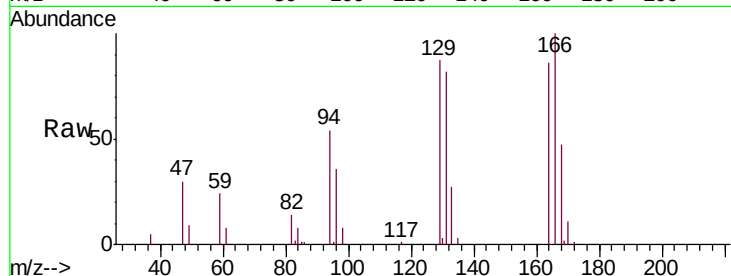
BF060

Tgt Ion:129 Resp: 8796

Ion Ratio Lower Upper

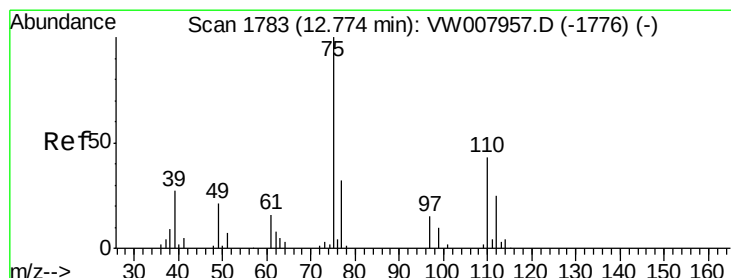
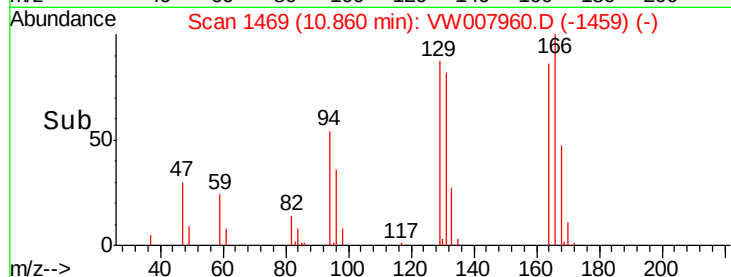
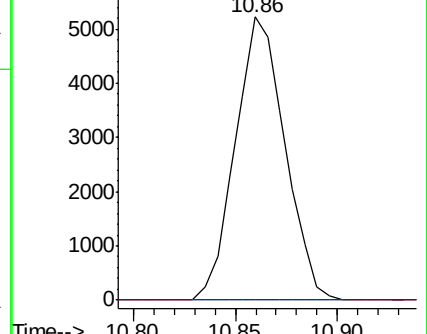
129 100

127 0.0 55.8 103.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 4.563 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW007960.D

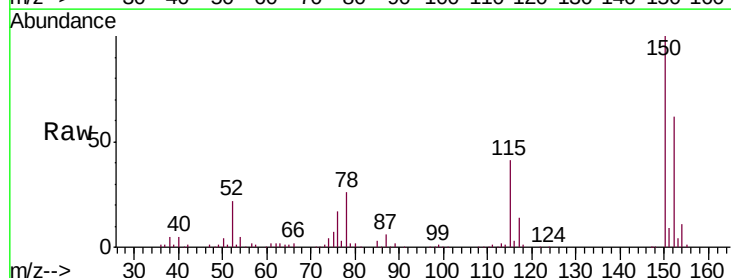
Acq: 27 Dec 2018 10:29

Tgt Ion: 75 Resp: 4259

Ion Ratio Lower Upper

75 100

77 40.7 25.5 38.3#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

