

Data File : VW007967.D
Acq On : 27 Dec 2018 14:07
Operator : SY/AP
Sample : J6506-12
Misc : 6.19G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF055

Quant Time: Dec 28 04:05:43 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	105775	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	92845	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	40934	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	24581	23.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.32%
7) Chloroethane-d5	2.89	69	17132	24.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.56%
10) 1,1-Dichloroethene-d2	4.01	63	49634	17.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.36%
20) 2-Butanone-d5	7.08	46	20067	45.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.28%
24) Chloroform-d	7.65	84	65506	23.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.12%
26) 1,2-Dichloroethane-d4	8.31	65	42003	24.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.60%
29) Benzene-d6	8.27	84	126078	24.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.84%
33) 1,2-Dichloropropane-d6	9.27	67	35140	24.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.24%
37) Toluene-d8	10.32	98	120106	23.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.68%
38) trans-1,3-Dichloropropene-	10.58	79	19523	24.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.04%
39) 2-Hexanone-d5	10.93	63	17372	47.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	32323	23.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	38034	23.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.00%

Target Compounds

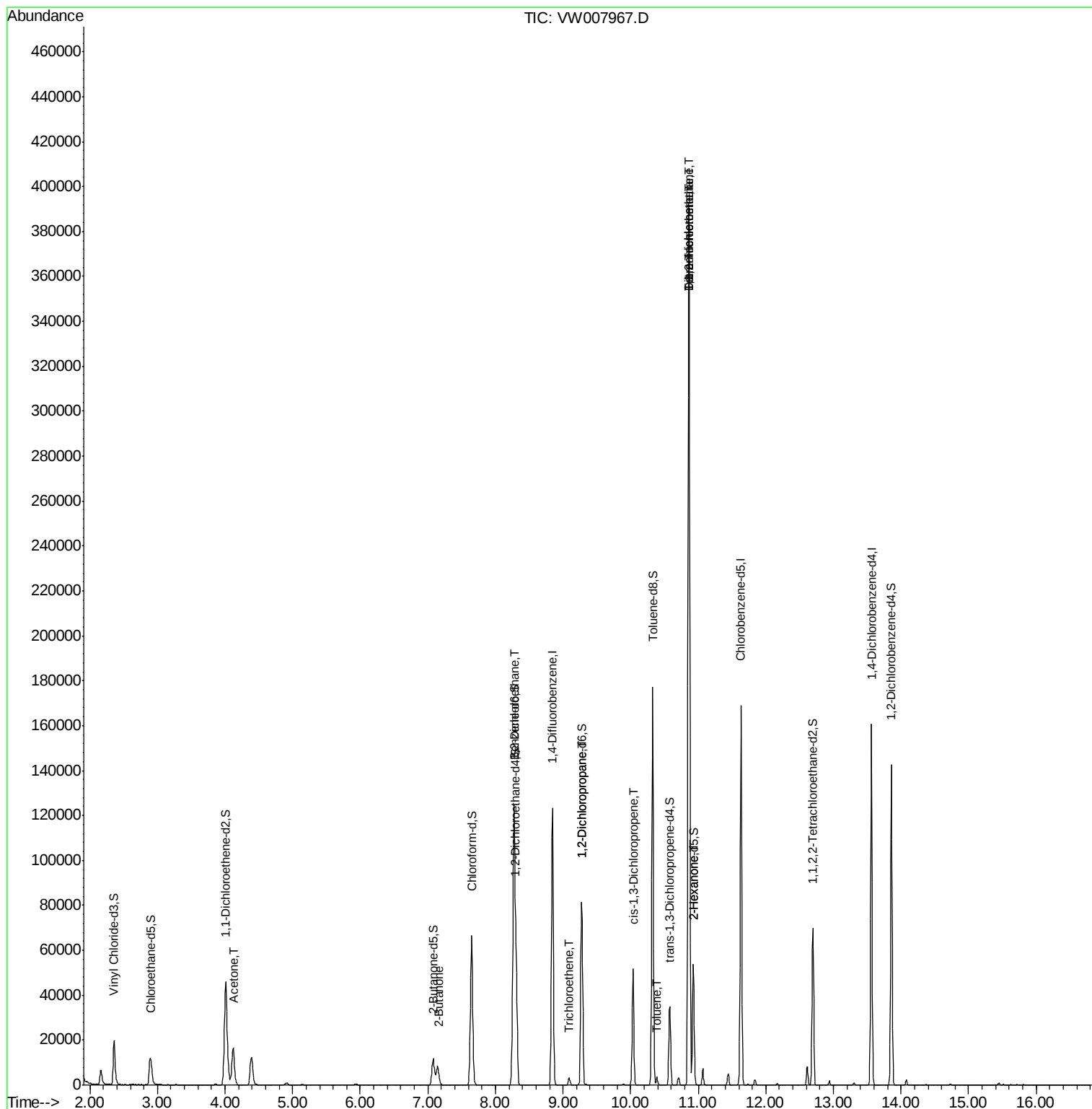
					Qvalue
13) Acetone	4.12	43	28775	66.249 ug/L	99
21) 2-Butanone	7.17	43	349	0.706 ug/L #	46
27) 1,2-Dichloroethane	8.27	62	862	0.473 ug/L #	80
35) Trichloroethene	9.09	95	1174	0.813 ug/L	95
40) 1,2-Dichloropropane	9.27	63	4355	3.729 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	1316	0.646 ug/L #	82
44) Toluene	10.39	91	2858	0.514 ug/L	89
46) 1,1,2-Trichloroethane	10.87	97	850	0.860 ug/L #	6
47) Tetrachloroethene	10.86	164	86672	75.573 ug/L	98
49) 2-Hexanone	10.92	43	2454	3.680 ug/L #	64
50) Dibromochloromethane	10.86	129	88279	70.131 ug/L #	10

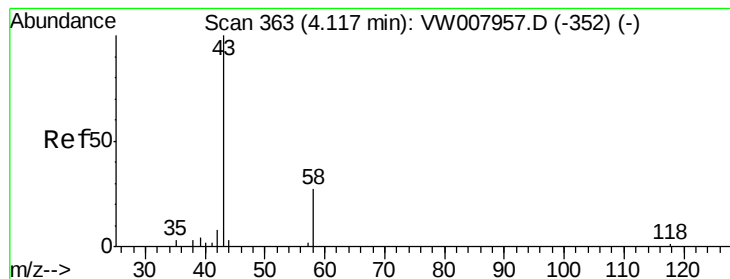
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 66.249 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW007967.D

Acq: 27 Dec 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

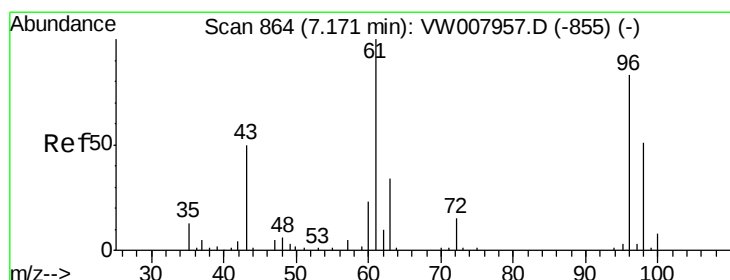
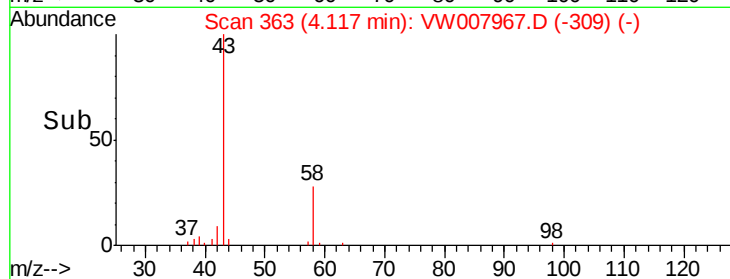
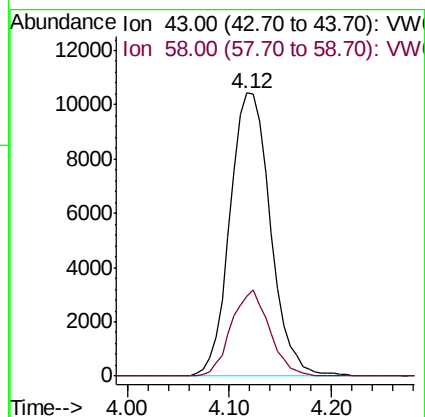
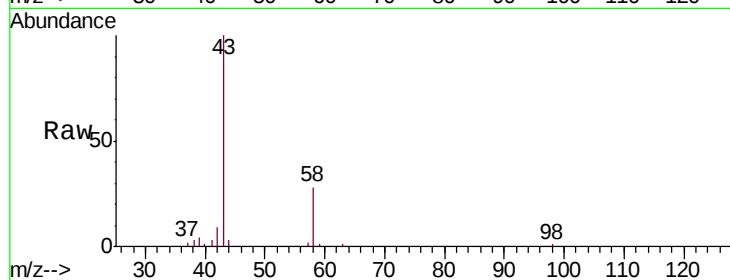
BF055

Tgt Ion: 43 Resp: 28775

Ion Ratio Lower Upper

43 100

58 28.6 0.0 58.6



#21

2-Butanone

Concen: 0.706 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW007967.D

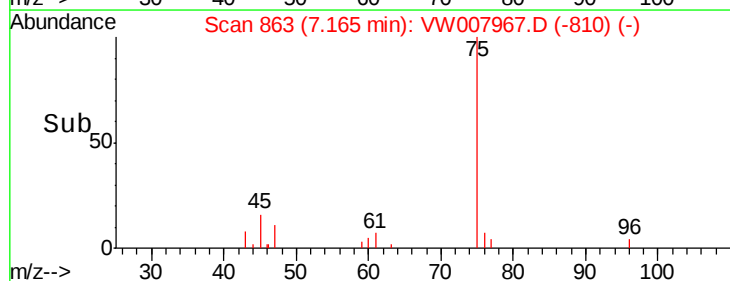
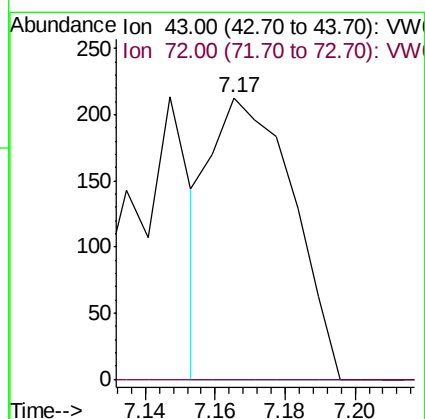
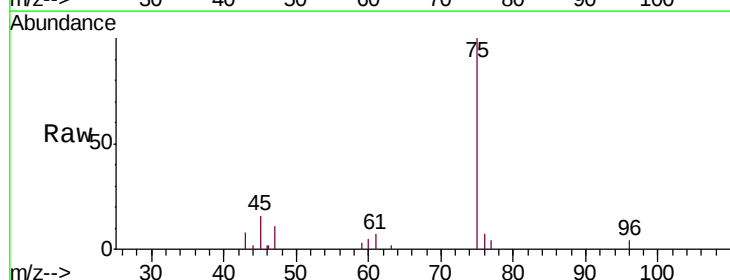
Acq: 27 Dec 2018 14:07

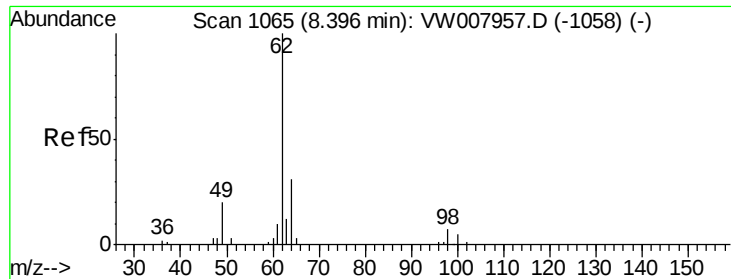
Tgt Ion: 43 Resp: 349

Ion Ratio Lower Upper

43 100

72 0.0 14.4 43.4#





#27

1,2-Dichloroethane

Concen: 0.473 ug/L

RT: 8.27 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW007967.D

Acq: 27 Dec 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

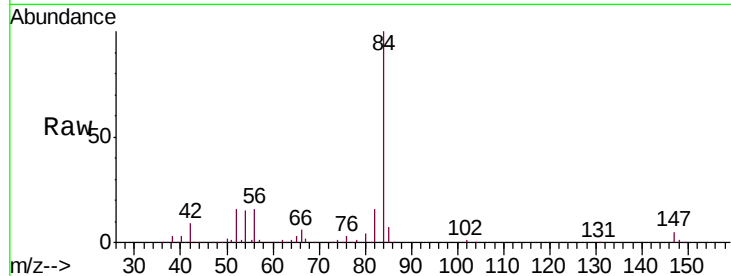
BF055

Tgt Ion: 62 Resp: 862

Ion Ratio Lower Upper

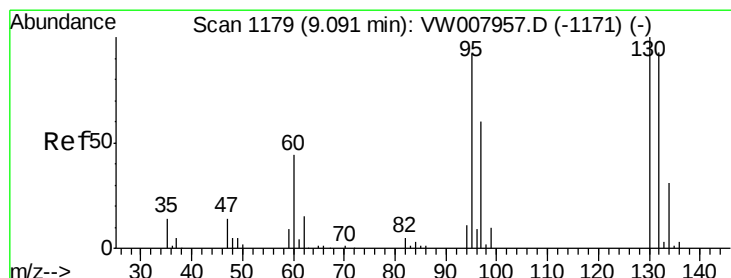
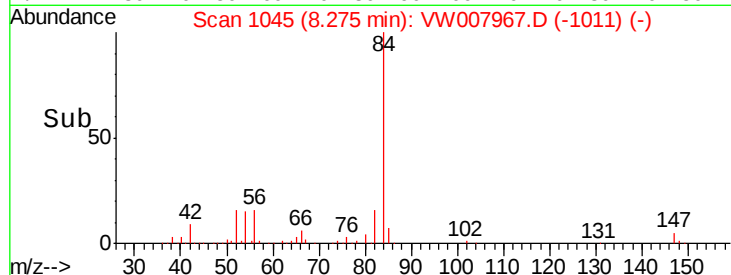
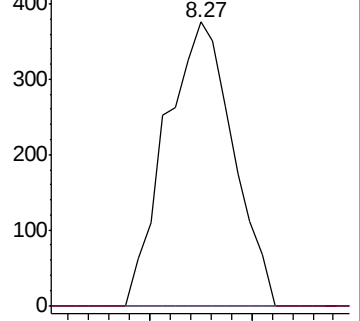
62 100

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: 0.813 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW007967.D

Acq: 27 Dec 2018 14:07

Tgt Ion: 95 Resp: 1174

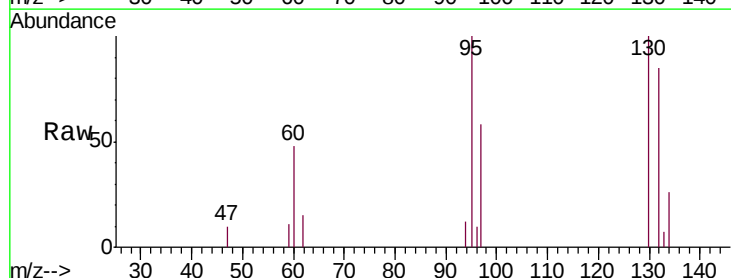
Ion Ratio Lower Upper

95 100

97 68.3 44.4 82.5

132 98.9 67.8 126.0

130 107.5 70.3 130.7

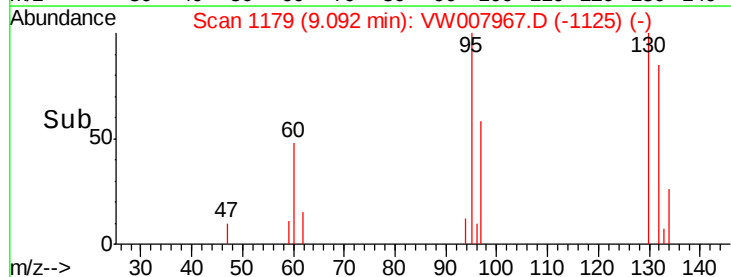
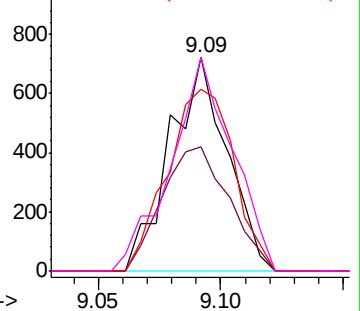


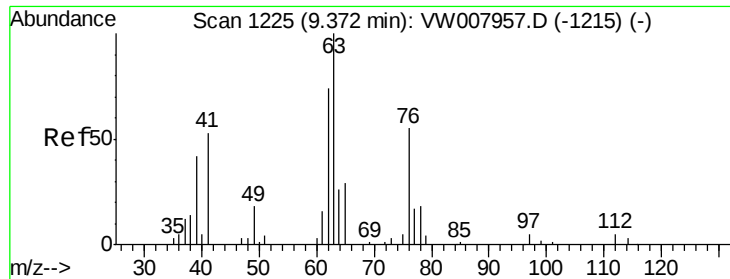
Abundance Ion 95.00 (94.70 to 95.70): VW

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

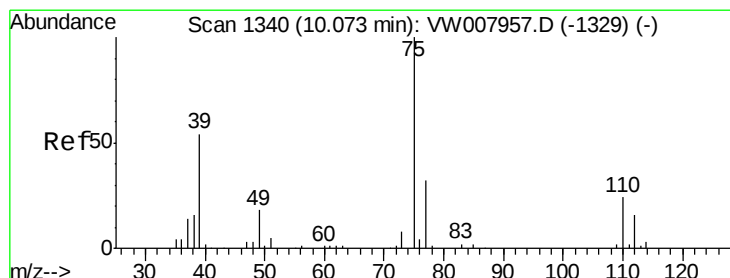
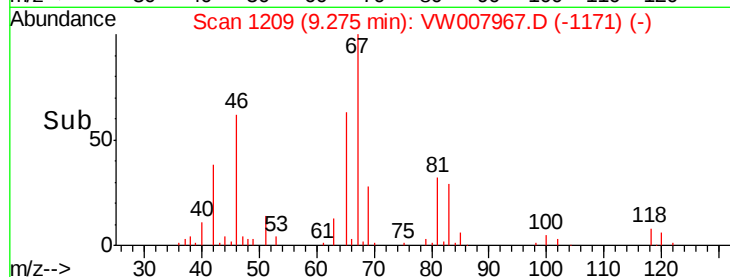
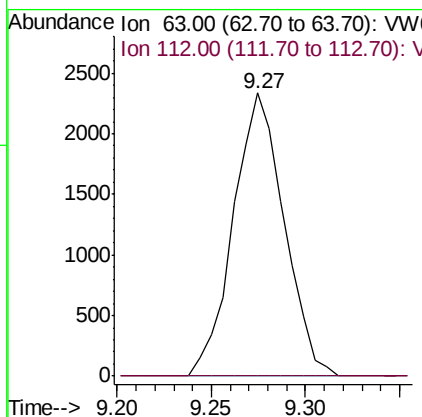
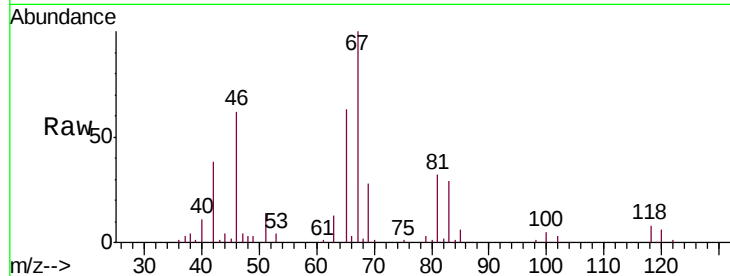




#40
 1,2-Dichloropropane
 Concen: 3.729 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW007967.D
 Acq: 27 Dec 2018 14:07

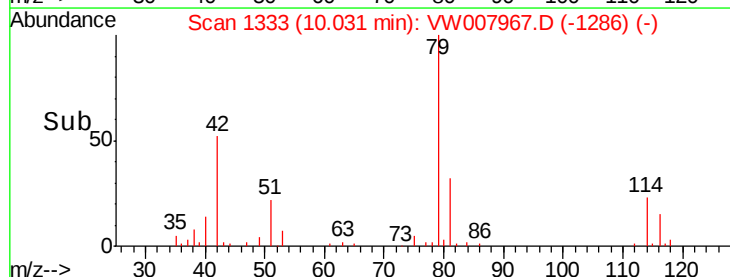
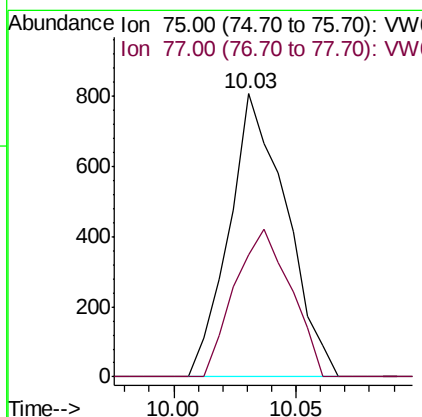
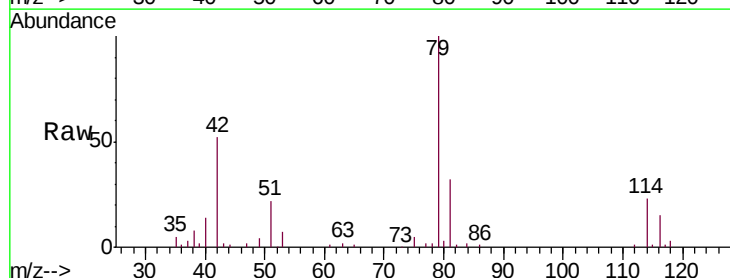
Instrument :
 MSVOA_W
 ClientSampled :
 BF055

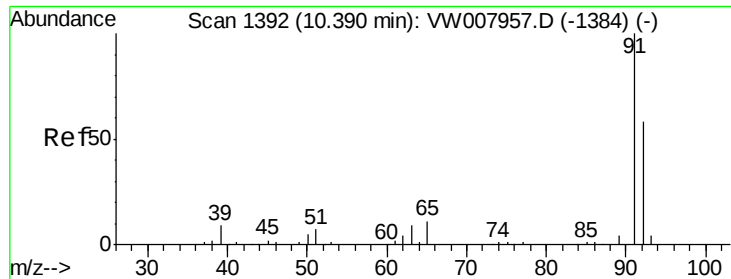
Tgt Ion: 63 Resp: 4355
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#42
 cis-1,3-Dichloropropene
 Concen: 0.646 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW007967.D
 Acq: 27 Dec 2018 14:07

Tgt Ion: 75 Resp: 1316
 Ion Ratio Lower Upper
 75 100
 77 43.0 23.0 42.8#





#44

Toluene

Concen: 0.514 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007967.D

Acq: 27 Dec 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

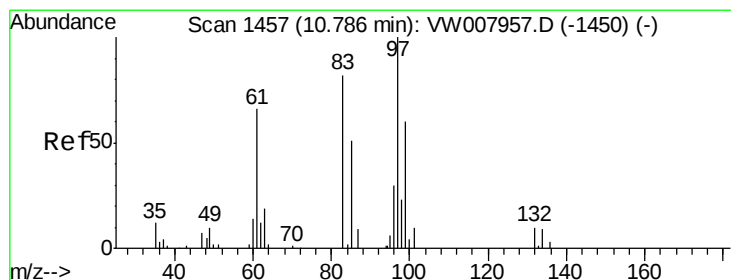
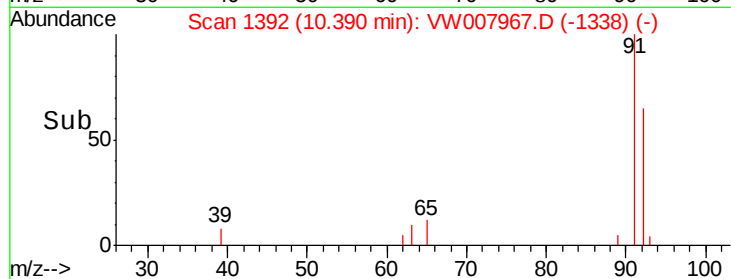
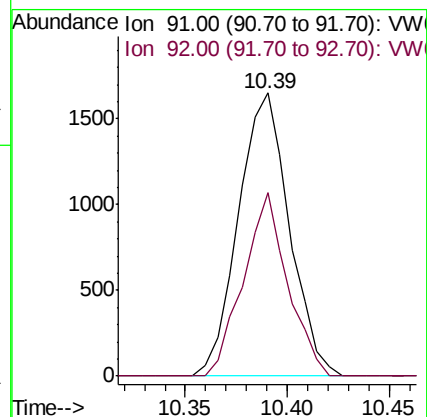
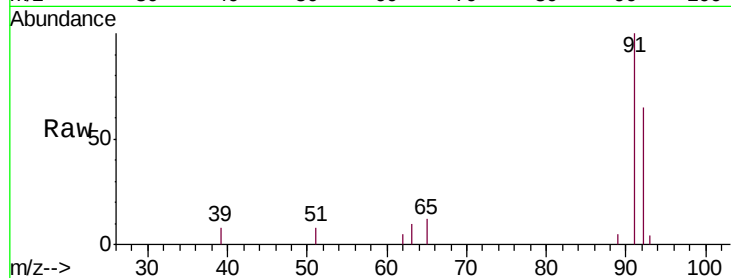
BF055

Tgt Ion: 91 Resp: 2858

Ion Ratio Lower Upper

91 100

92 64.8 39.6 73.6



#46

1,1,2-Trichloroethane

Concen: 0.860 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.08 min

Lab File: VW007967.D

Acq: 27 Dec 2018 14:07

Tgt Ion: 97 Resp: 850

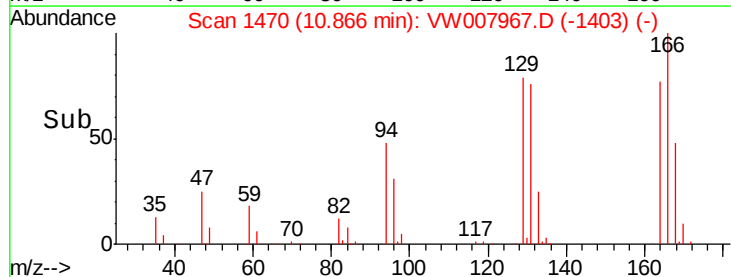
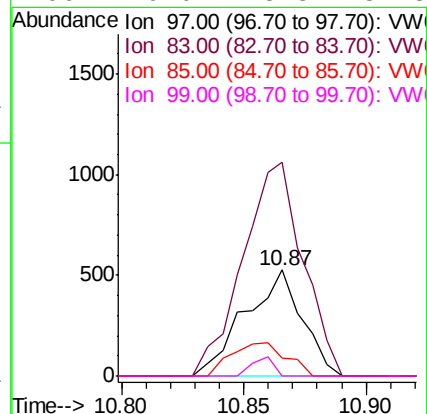
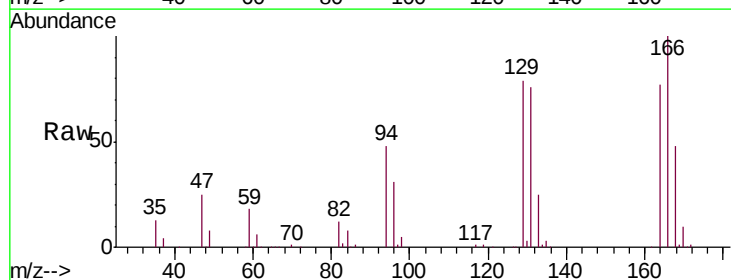
Ion Ratio Lower Upper

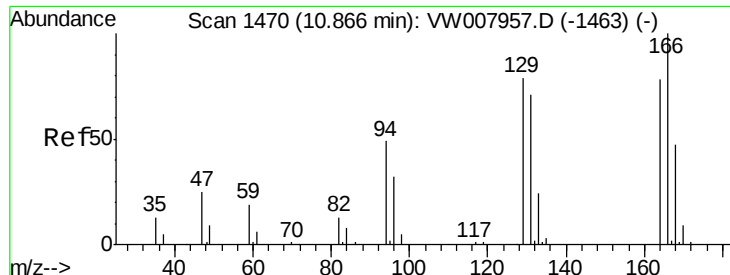
97 100

83 201.7 58.4 108.6#

85 17.5 36.4 67.6#

99 0.0 43.8 81.3#





#47

Tetrachloroethene

Concen: 75.573 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW007967.D

Acq: 27 Dec 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

BF055

Tgt Ion:164 Resp: 86672

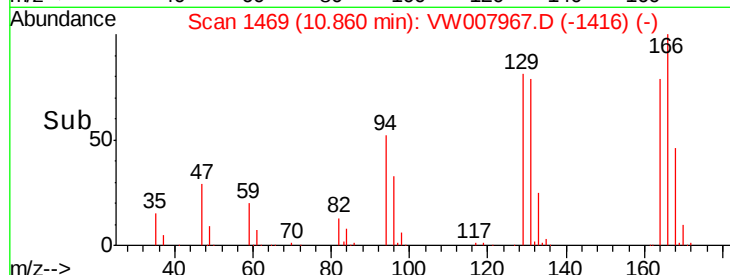
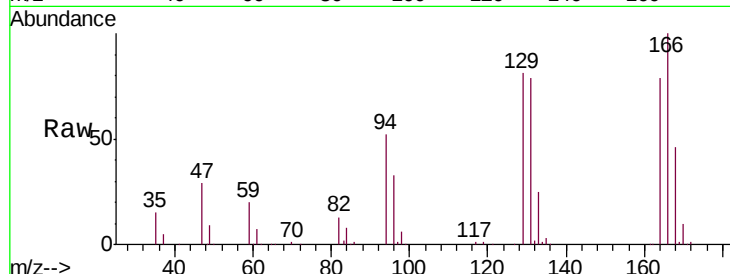
Ion Ratio Lower Upper

164 100

129 102.3 70.6 131.2

131 99.6 66.5 123.5

166 126.5 87.7 162.9

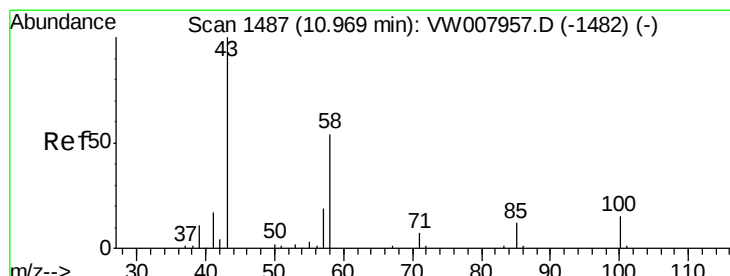
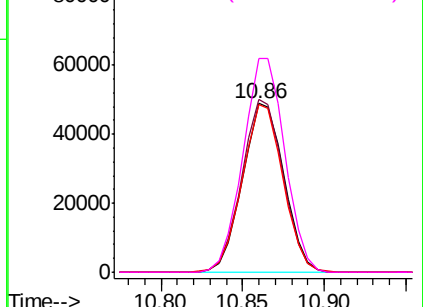


Abundance Ion 164.00 (163.70 to 164.70): V

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: 3.680 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.05 min

Lab File: VW007967.D

Acq: 27 Dec 2018 14:07

Tgt Ion: 43 Resp: 2454

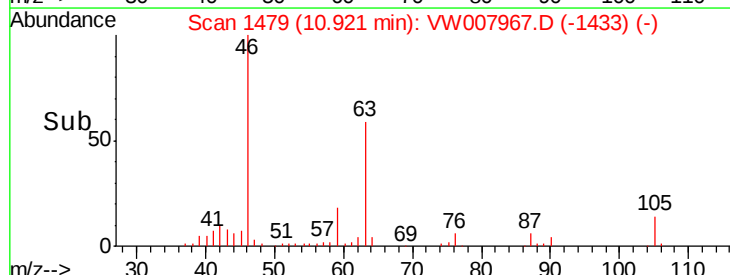
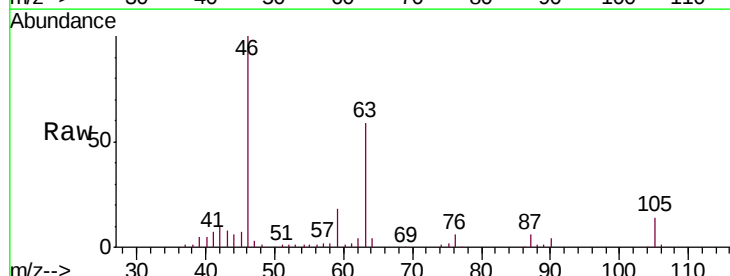
Ion Ratio Lower Upper

43 100

58 25.1 46.2 69.4#

57 13.8 17.9 26.9#

100 0.0 11.4 17.2#

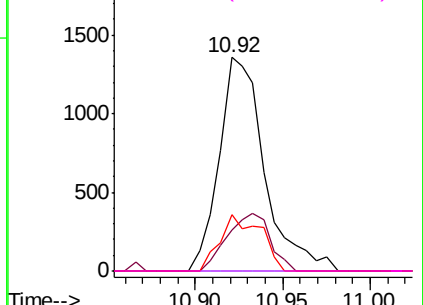


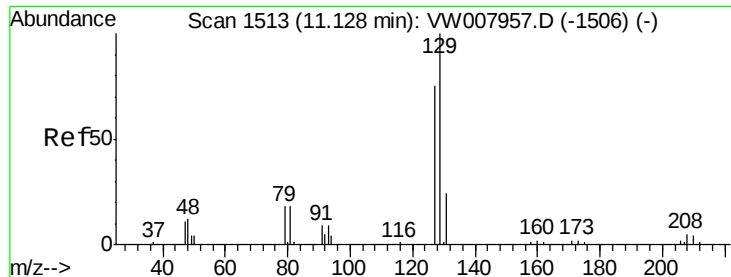
Abundance Ion 43.00 (42.70 to 43.70): VW

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

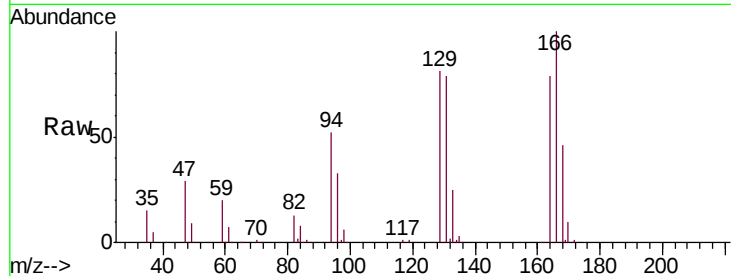




#50
 Dibromochloromethane
 Concen: 70.131 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. -0.27 min
 Lab File: VW007967.D
 Acq: 27 Dec 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 BF055

Tgt Ion:129 Resp: 88279
 Ion Ratio Lower Upper
 129 100
 127 0.2 55.8 103.6#



Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

