

Data File : VW007961.D
Acq On : 27 Dec 2018 10:55
Operator : SY/AP
Sample : J6507-07
Misc : 5.13G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF061

Quant Time: Dec 28 04:04:29 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	100942	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	91965	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	42495	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	21451	21.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.24%
7) Chloroethane-d5	2.89	69	14962	22.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.28%
10) 1,1-Dichloroethene-d2	4.01	63	43745	16.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.96%
20) 2-Butanone-d5	7.07	46	15304	36.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.14%
24) Chloroform-d	7.65	84	62686	23.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.36%
26) 1,2-Dichloroethane-d4	8.31	65	38149	23.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.76%
29) Benzene-d6	8.27	84	117897	22.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.44%
33) 1,2-Dichloropropane-d6	9.27	67	32795	23.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.52%
37) Toluene-d8	10.32	98	112762	22.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.76%
38) trans-1,3-Dichloropropene-	10.58	79	16639	20.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.64%
39) 2-Hexanone-d5	10.93	63	12613	35.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	27067	20.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	39127	22.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.20%

Target Compounds

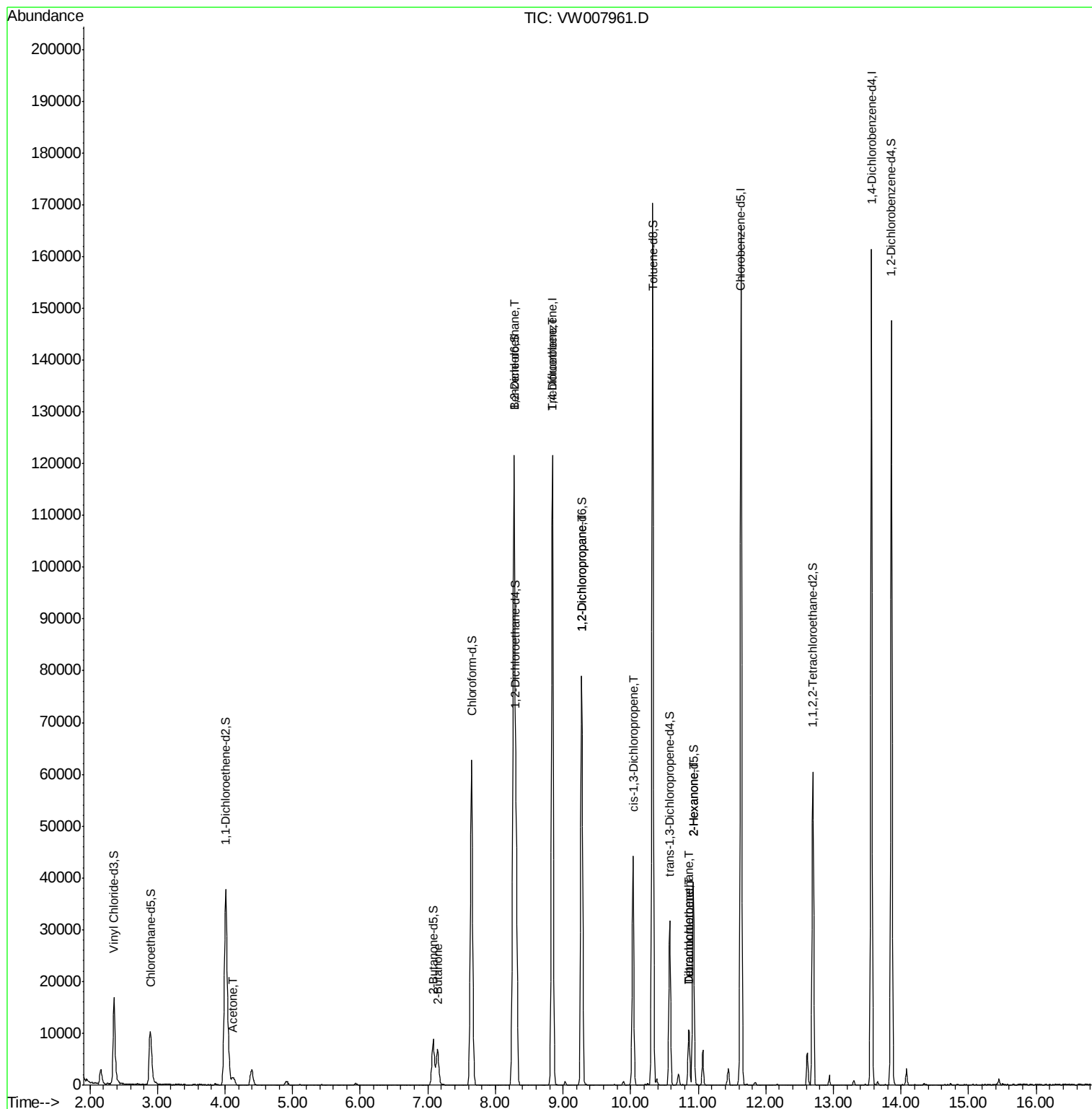
					Qvalue
13) Acetone	4.12	43	2206	5.322 ug/L	92
21) 2-Butanone	7.15	43	496	1.052 ug/L #	46
27) 1,2-Dichloroethane	8.27	62	851	0.489 ug/L #	80
35) Trichloroethene	8.84	95	3256	2.277 ug/L #	5
40) 1,2-Dichloropropane	9.27	63	4221	3.649 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1206	0.597 ug/L	84
47) Tetrachloroethene	10.87	164	2404	2.116 ug/L	90
49) 2-Hexanone	10.93	43	1728	2.616 ug/L #	66
50) Dibromochloromethane	10.87	129	2574	2.064 ug/L #	9

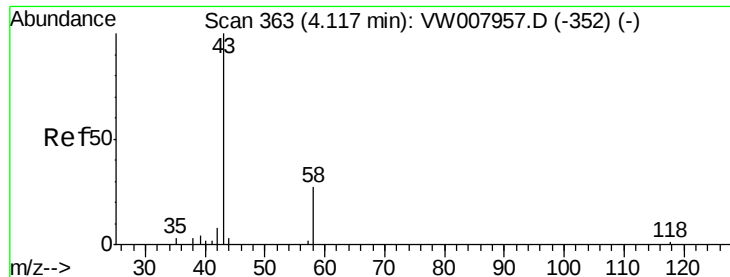
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.322 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW007961.D

Acq: 27 Dec 2018 10:55

Instrument :

MSVOA_W

ClientSampleId :

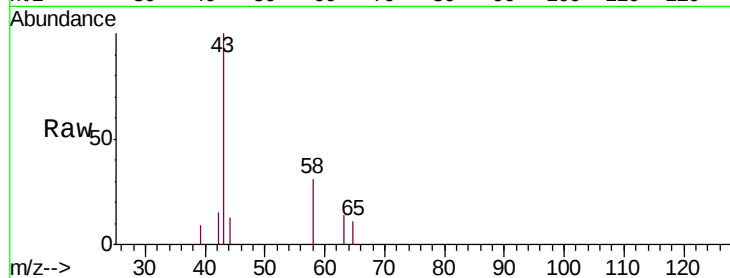
BF061

Tgt Ion: 43 Resp: 2206

Ion Ratio Lower Upper

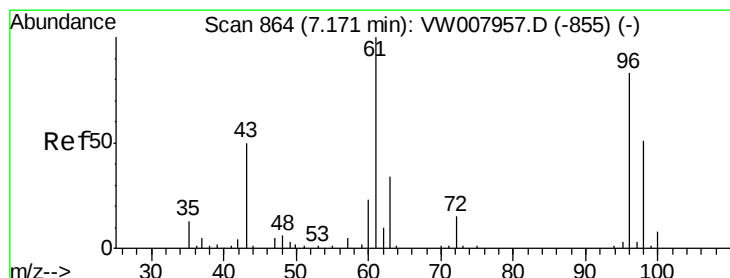
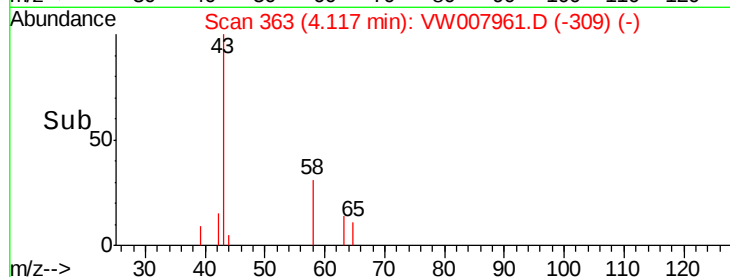
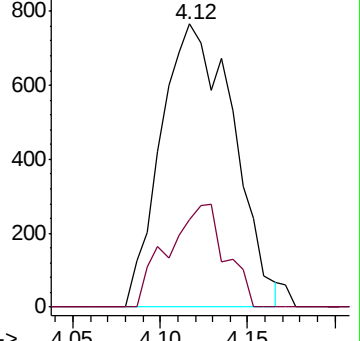
43 100

58 25.0 0.0 58.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 1.052 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW007961.D

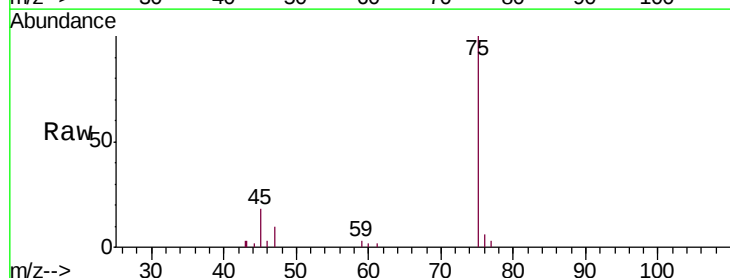
Acq: 27 Dec 2018 10:55

Tgt Ion: 43 Resp: 496

Ion Ratio Lower Upper

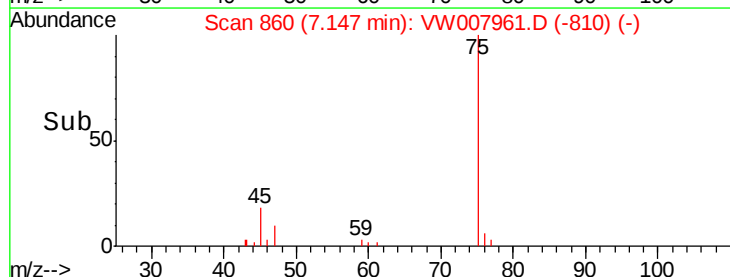
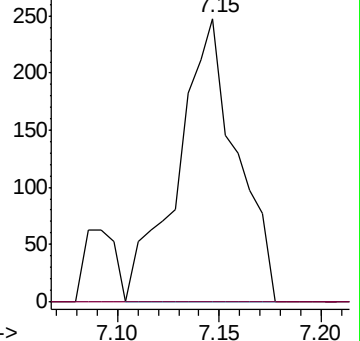
43 100

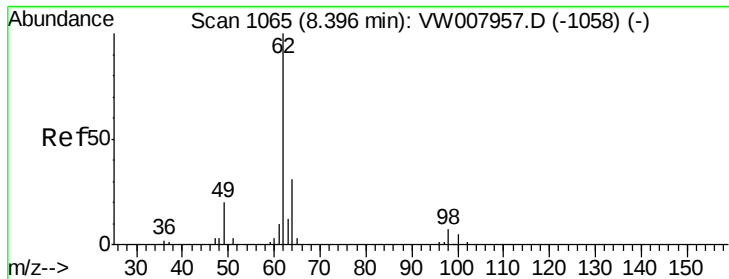
72 0.0 14.4 43.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#27

1,2-Dichloroethane

Concen: 0.489 ug/L

RT: 8.27 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW007961.D

Acq: 27 Dec 2018 10:55

Instrument :

MSVOA_W

ClientSampled :

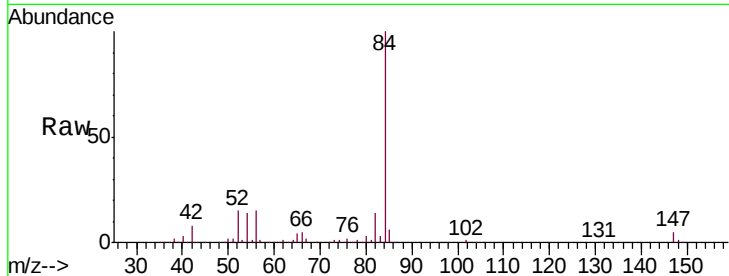
BF061

Tgt Ion: 62 Resp: 851

Ion Ratio Lower Upper

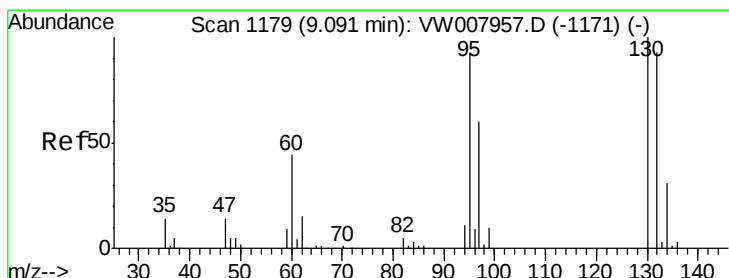
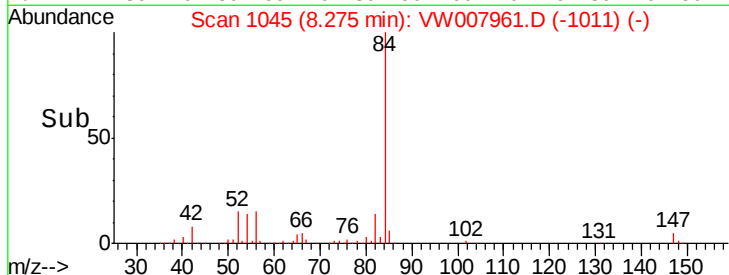
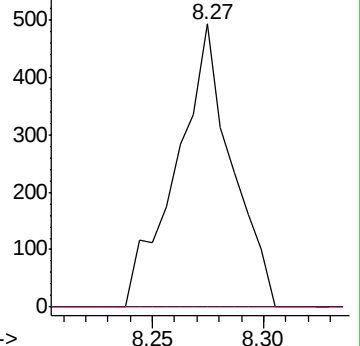
62 100

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: 2.277 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007961.D

Acq: 27 Dec 2018 10:55

Tgt Ion: 95 Resp: 3256

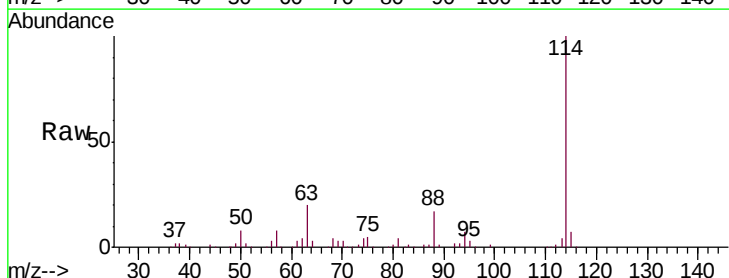
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.5#

132 0.0 67.8 126.0#

130 0.0 70.3 130.7#

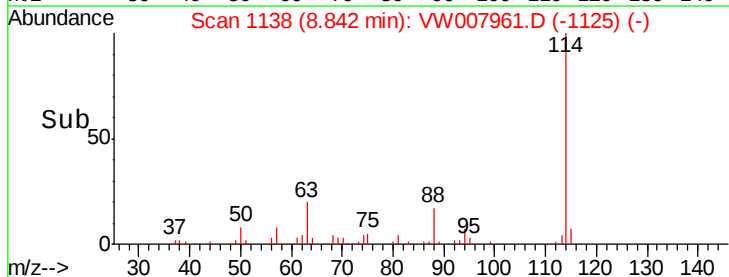
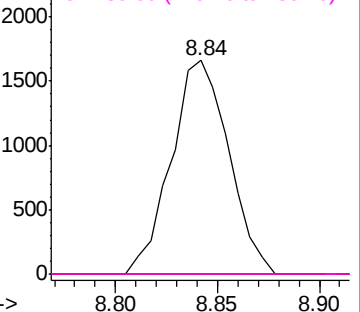


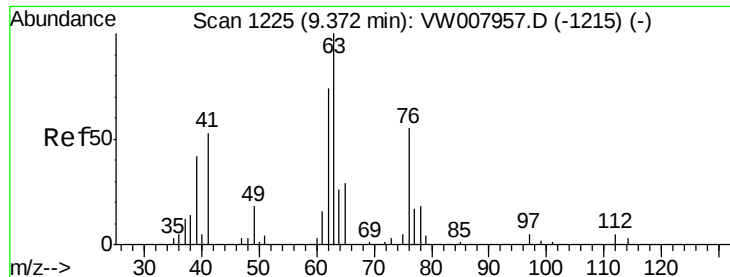
Abundance Ion 95.00 (94.70 to 95.70): VW

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

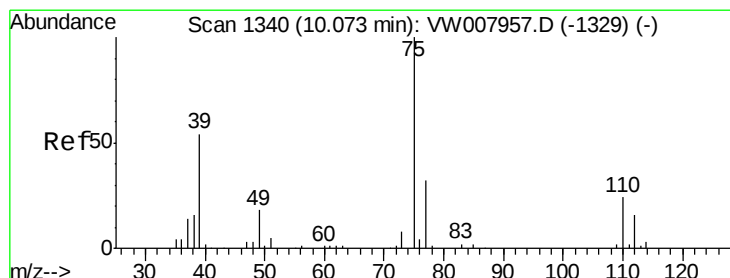
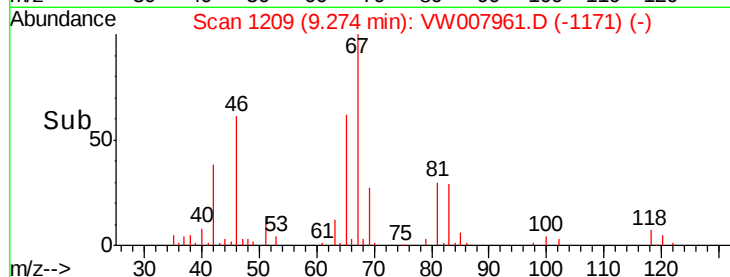
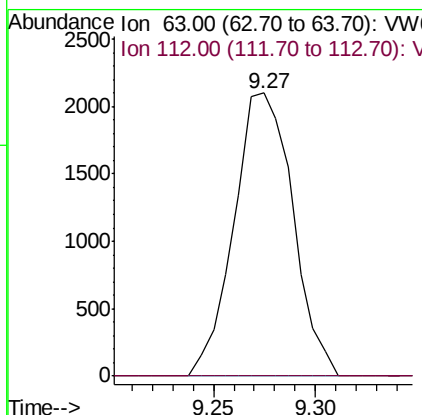
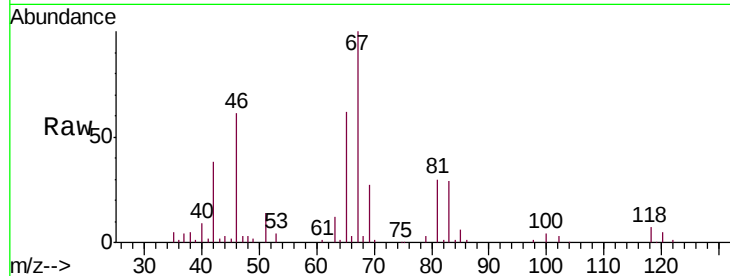




#40
 1,2-Dichloropropane
 Concen: 3.649 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW007961.D
 Acq: 27 Dec 2018 10:55

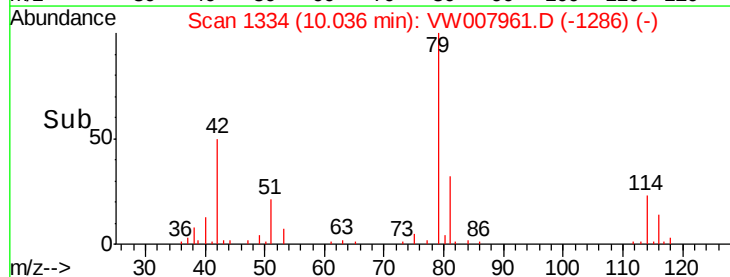
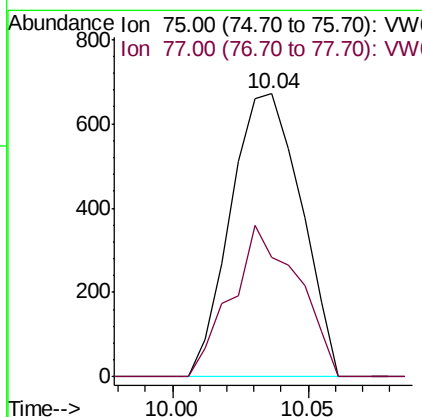
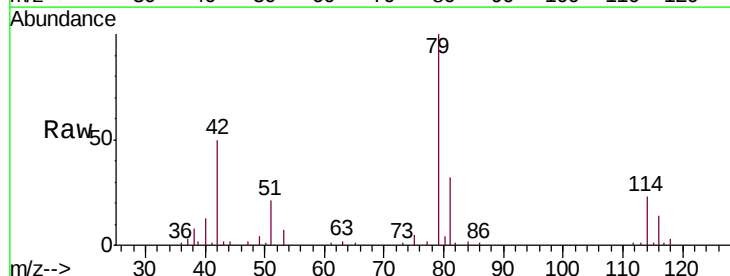
Instrument :
 MSVOA_W
 ClientSampleId :
 BF061

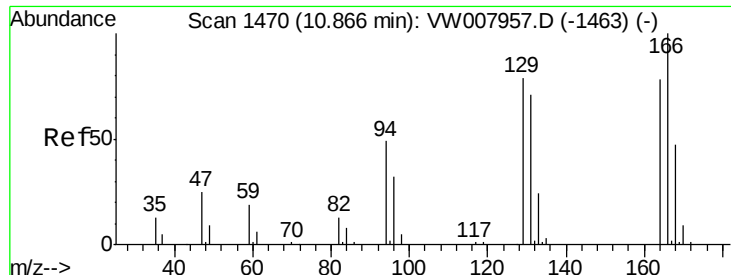
Tgt Ion: 63 Resp: 4221
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#42
 cis-1,3-Dichloropropene
 Concen: 0.597 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW007961.D
 Acq: 27 Dec 2018 10:55

Tgt Ion: 75 Resp: 1206
 Ion Ratio Lower Upper
 75 100
 77 42.2 23.0 42.8





#47

Tetrachloroethene

Concen: 2.116 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW007961.D

Acq: 27 Dec 2018 10:55

Instrument :

MSVOA_W

ClientSampled :

BF061

Tgt Ion: 164 Resp: 2404

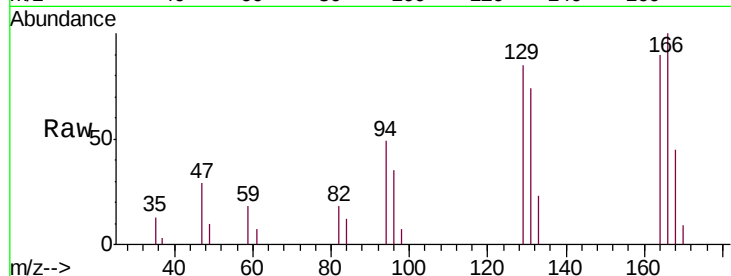
Ion Ratio Lower Upper

164 100

129 95.0 70.6 131.2

131 83.0 66.5 123.5

166 111.7 87.7 162.9

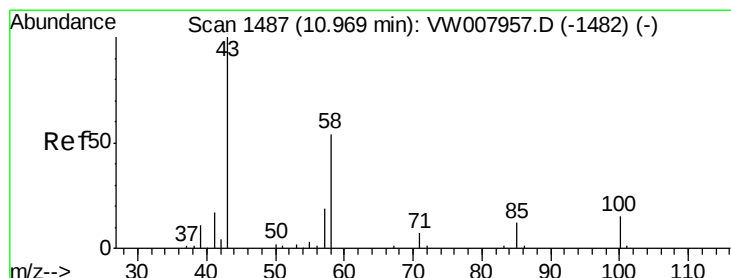
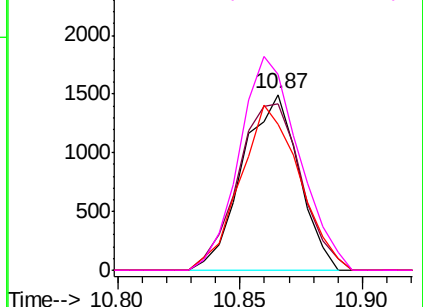
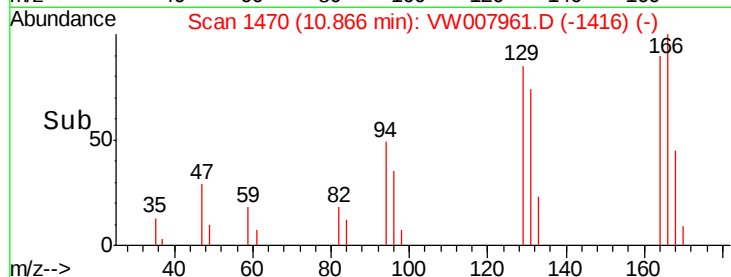


Abundance Ion 164.00 (163.70 to 164.70): V

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: 2.616 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW007961.D

Acq: 27 Dec 2018 10:55

Tgt Ion: 43 Resp: 1728

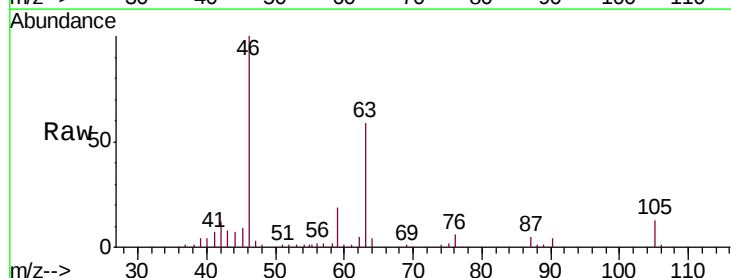
Ion Ratio Lower Upper

43 100

58 22.7 46.2 69.4#

57 22.2 17.9 26.9

100 0.0 11.4 17.2#

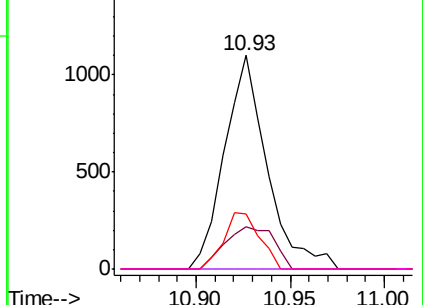
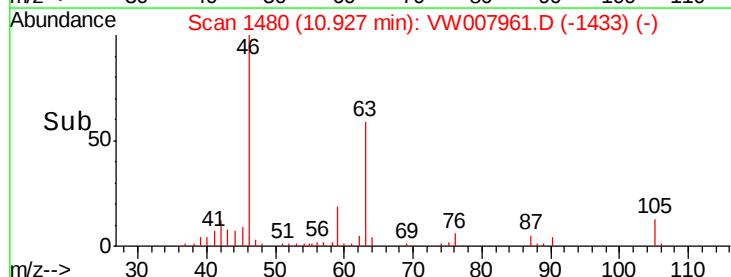


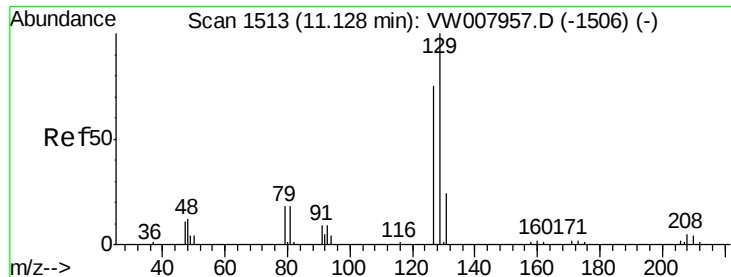
Abundance Ion 43.00 (42.70 to 43.70): VW

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

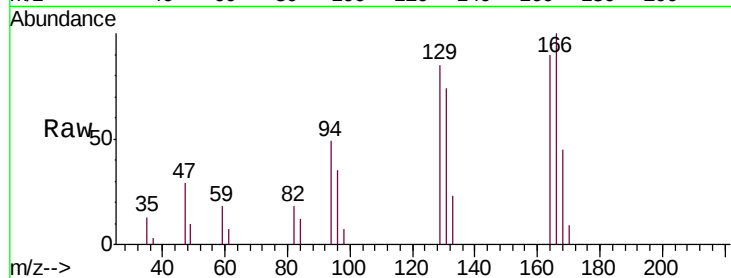




#50
 Dibromochloromethane
 Concen: 2.064 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.26 min
 Lab File: VW007961.D
 Acq: 27 Dec 2018 10:55

Instrument :
 MSVOA_W
 ClientSampleId :
 BF061

Tgt Ion:129 Resp: 2574
 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

