

Data File : VW007946.D
Acq On : 27 Dec 2018 03:18
Operator : SY/AP
Sample : J6506-10
Misc : 6.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF050

Quant Time: Dec 27 07:03:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 27 03:06:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	73809	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	59849	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	22652	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	18453	25.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.48%
7) Chloroethane-d5	2.90	69	12116	24.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.88%
10) 1,1-Dichloroethene-d2	4.01	63	36742	18.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.64%
20) 2-Butanone-d5	7.08	46	14608	47.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.18%
24) Chloroform-d	7.65	84	48260	24.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.32%
26) 1,2-Dichloroethane-d4	8.30	65	31546	26.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.20%
29) Benzene-d6	8.27	84	90364	26.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.68%
33) 1,2-Dichloropropane-d6	9.27	67	25511	27.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.76%
37) Toluene-d8	10.32	98	82181	25.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.52%
38) trans-1,3-Dichloropropene-	10.58	79	13373	25.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.04%
39) 2-Hexanone-d5	10.93	63	12030	51.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	23782	27.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	21456	23.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.80%

Target Compounds

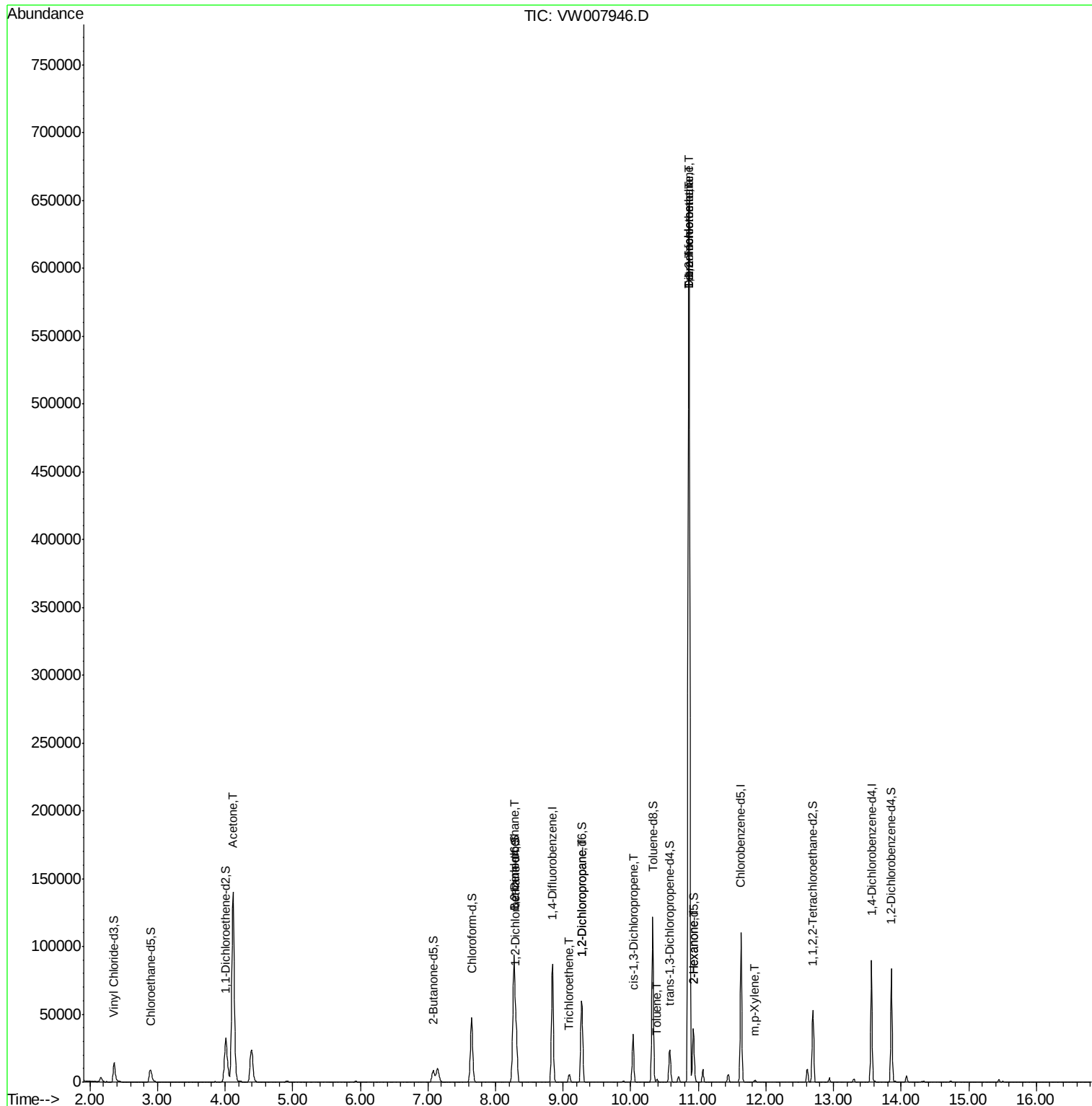
						Qvalue
13) Acetone	4.12	43	237719	784.339	ug/L	98
27) 1,2-Dichloroethane	8.27	62	571	0.449	ug/L #	80
35) Trichloroethene	9.09	95	1913	2.056	ug/L	93
40) 1,2-Dichloropropane	9.27	63	3397	4.512	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	879	0.669	ug/L	84
44) Toluene	10.39	91	1825	0.509	ug/L	97
46) 1,1,2-Trichloroethane	10.86	97	1464	2.299	ug/L #	35
47) Tetrachloroethene	10.87	164	144137	194.970	ug/L	98
49) 2-Hexanone	10.92	43	2306	5.364	ug/L #	58
50) Dibromochloromethane	10.87	129	145644	179.492	ug/L #	10
54) m,p-Xylene	11.83	106	503	0.324	ug/L #	50

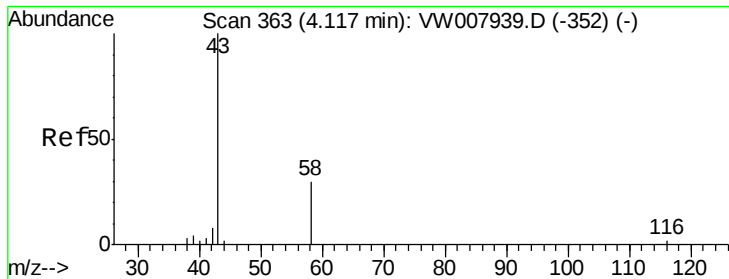
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 784.339 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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Acq: 27 Dec 2018 03:18

Instrument :

MSVOA_W

ClientSampleId :

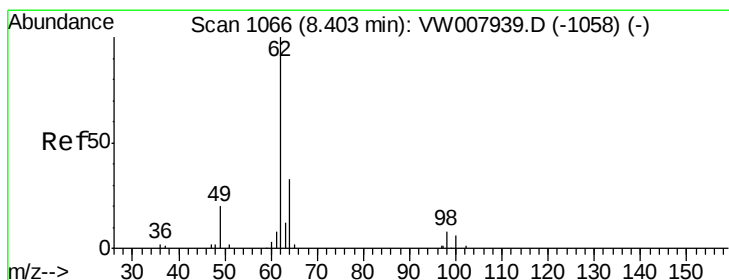
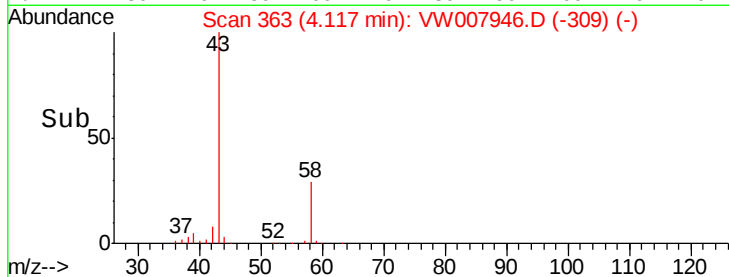
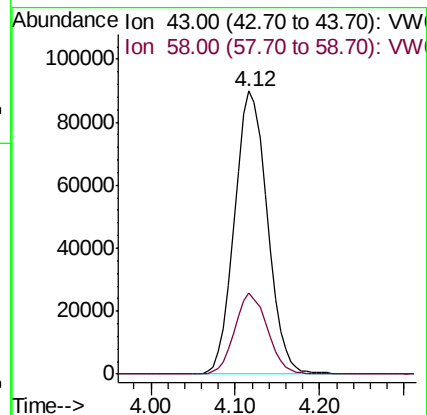
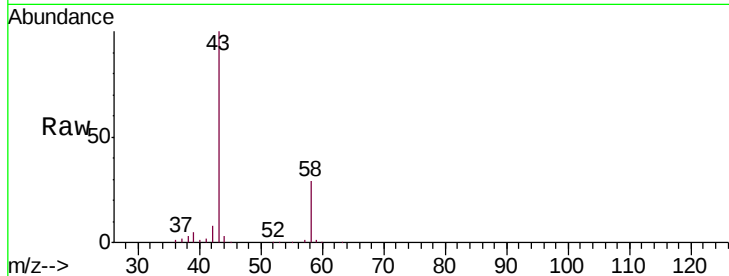
BF050

Tgt Ion: 43 Resp: 237719

Ion Ratio Lower Upper

43 100

58 28.5 0.0 58.6



#27

1,2-Dichloroethane

Concen: 0.449 ug/L

RT: 8.27 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW007946.D

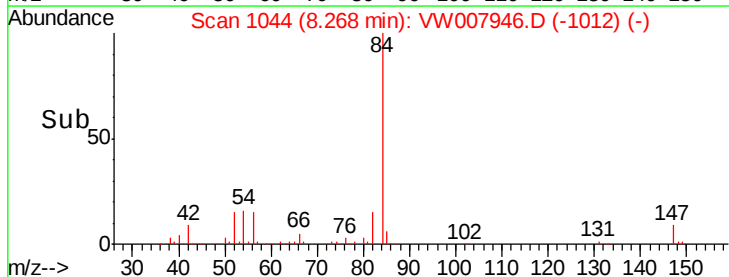
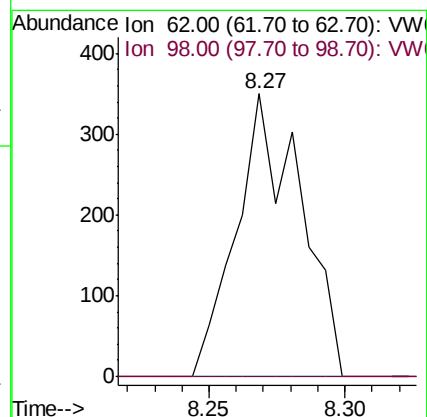
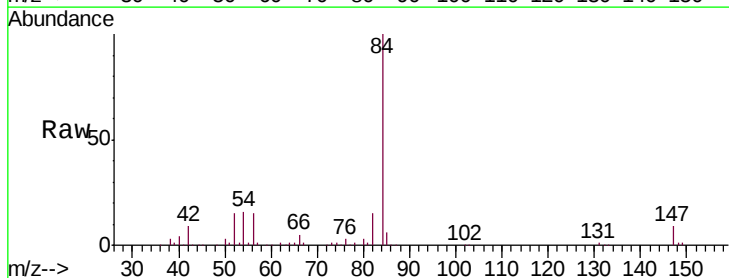
Acq: 27 Dec 2018 03:18

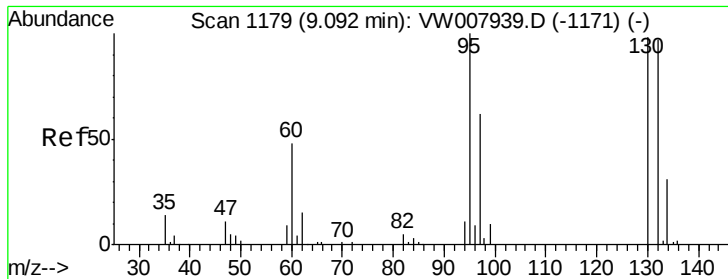
Tgt Ion: 62 Resp: 571

Ion Ratio Lower Upper

62 100

98 0.0 5.4 8.2#





#35

Trichloroethene

Concen: 2.056 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007946.D

Acq: 27 Dec 2018 03:18

Instrument :

MSVOA_W

ClientSampleId :

BF050

Tgt Ion: 95 Resp: 1913

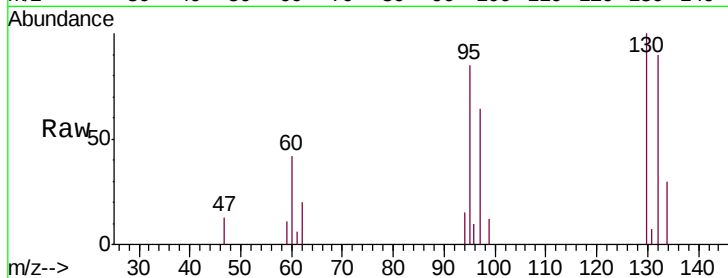
Ion Ratio Lower Upper

95 100

97 69.8 44.4 82.5

132 101.0 67.8 126.0

130 109.7 70.3 130.7

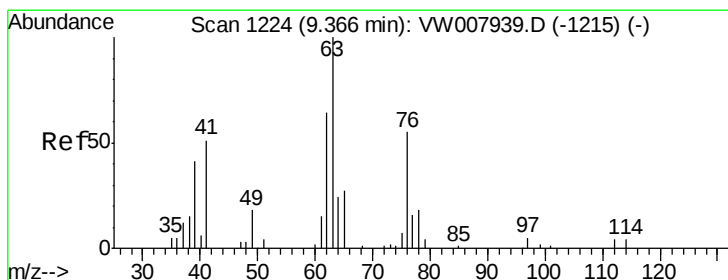
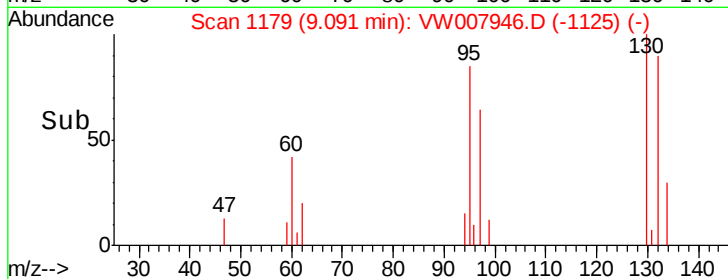
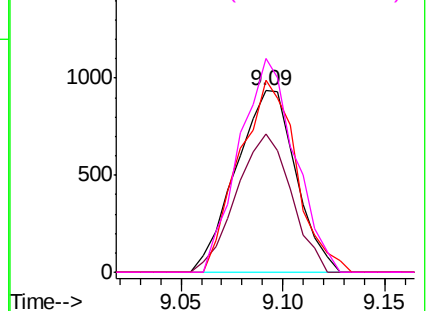


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 4.512 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW007946.D

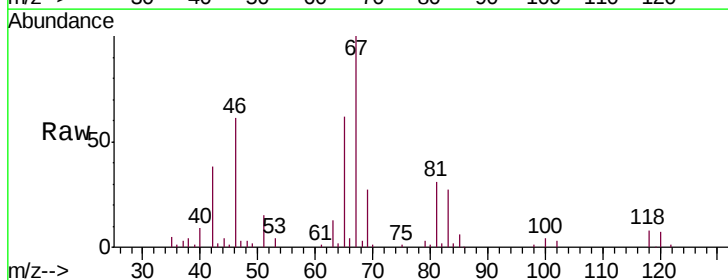
Acq: 27 Dec 2018 03:18

Tgt Ion: 63 Resp: 3397

Ion Ratio Lower Upper

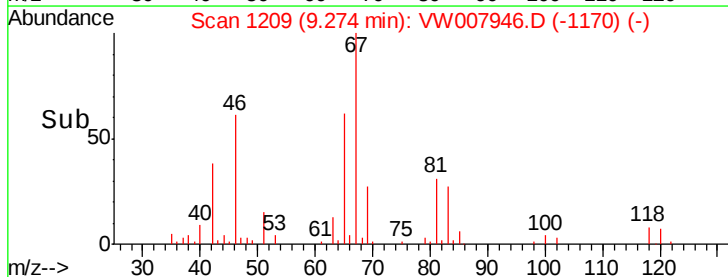
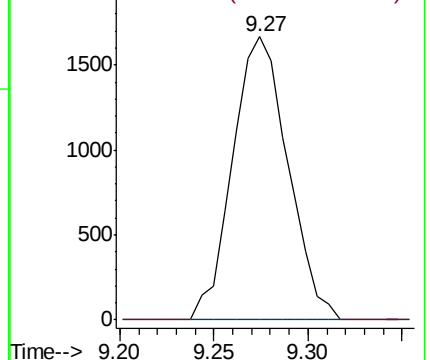
63 100

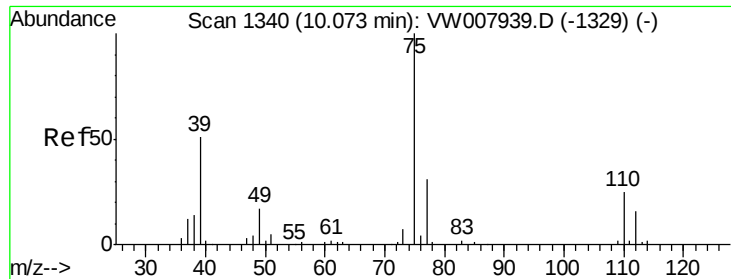
112 0.0 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

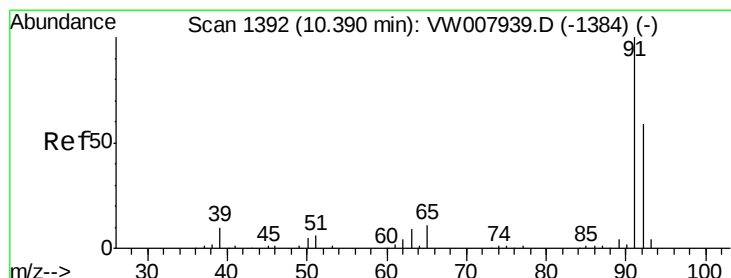
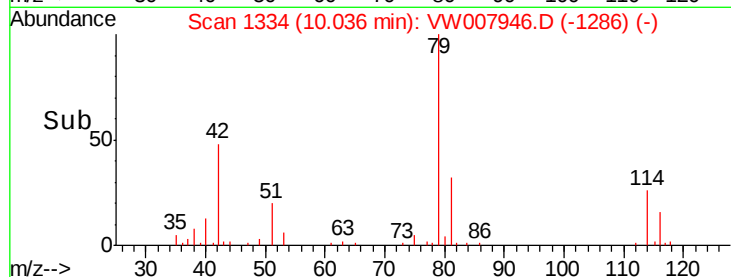
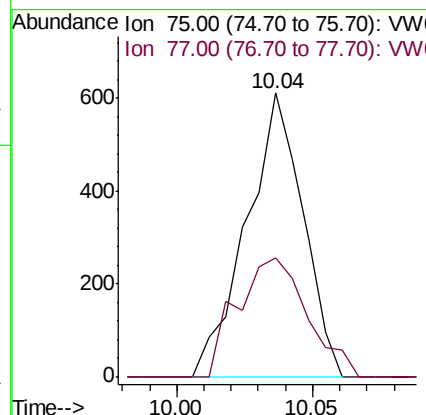
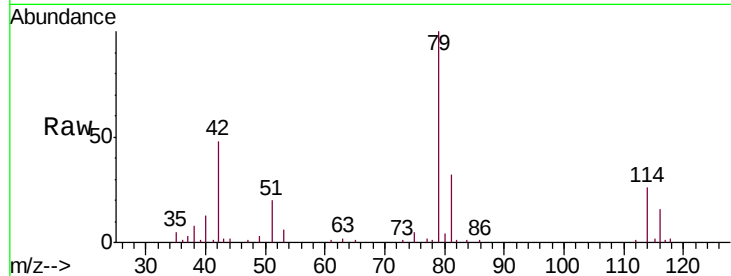




#42
 cis-1,3-Dichloropropene
 Concen: 0.669 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW007946.D
 Acq: 27 Dec 2018 03:18

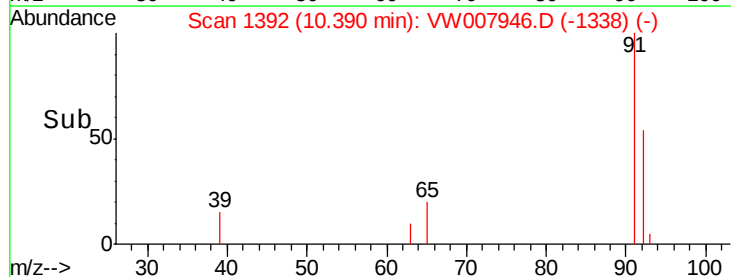
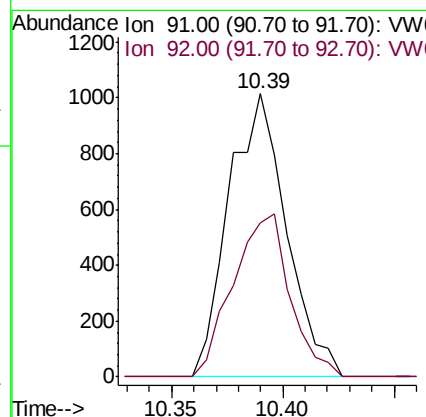
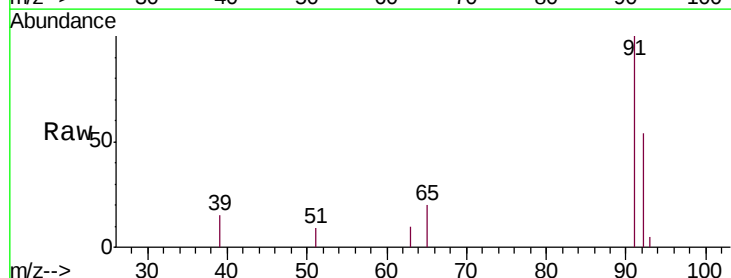
Instrument :
 MSVOA_W
 ClientSampleId :
 BF050

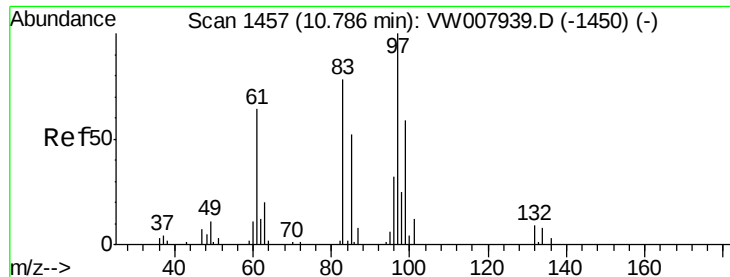
Tgt Ion: 75 Resp: 879
 Ion Ratio Lower Upper
 75 100
 77 41.7 23.0 42.8



#44
 Toluene
 Concen: 0.509 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007946.D
 Acq: 27 Dec 2018 03:18

Tgt Ion: 91 Resp: 1825
 Ion Ratio Lower Upper
 91 100
 92 54.4 39.6 73.6





#46

1,1,2-Trichloroethane

Concen: 2.299 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.07 min

Lab File: VW007946.D

Acq: 27 Dec 2018 03:18

Instrument :

MSVOA_W

ClientSampleId :

BF050

Tgt Ion: 97 Resp: 1464

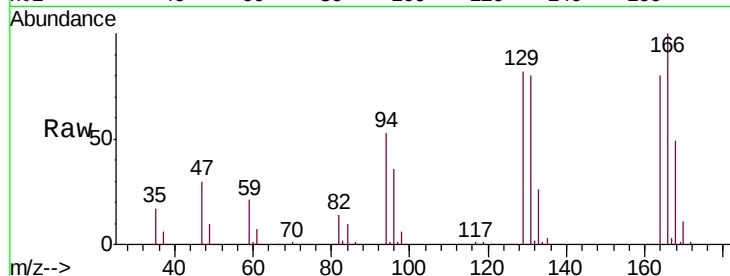
Ion Ratio Lower Upper

97 100

83 168.9 58.4 108.6#

85 39.5 36.4 67.6

99 11.4 43.8 81.3#



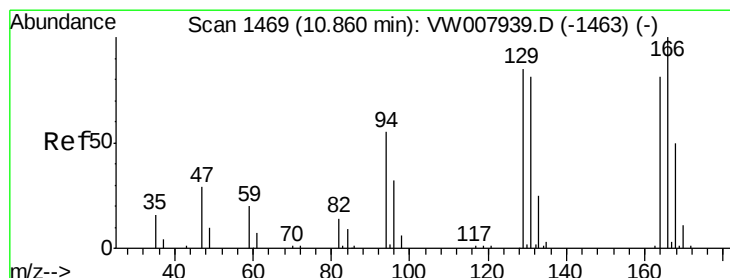
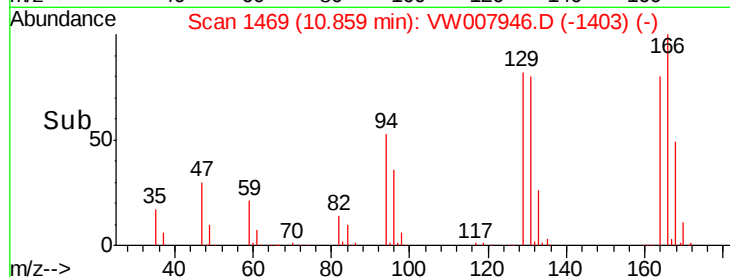
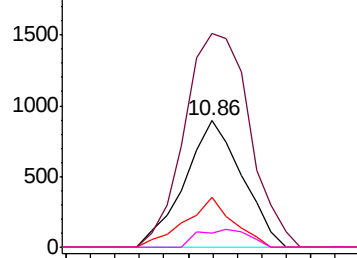
Abundance

Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW



#47

Tetrachloroethene

Concen: 194.970 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW007946.D

Acq: 27 Dec 2018 03:18

Tgt Ion: 164 Resp: 144137

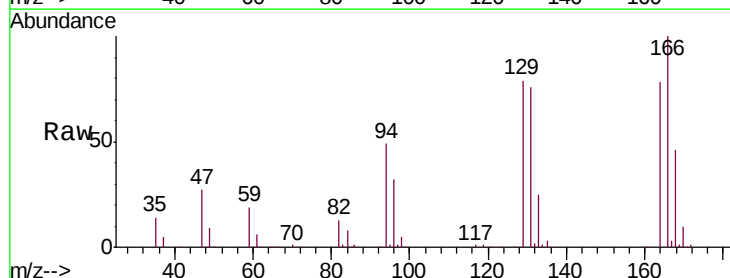
Ion Ratio Lower Upper

164 100

129 100.1 70.6 131.2

131 97.2 66.5 123.5

166 127.4 87.7 162.9



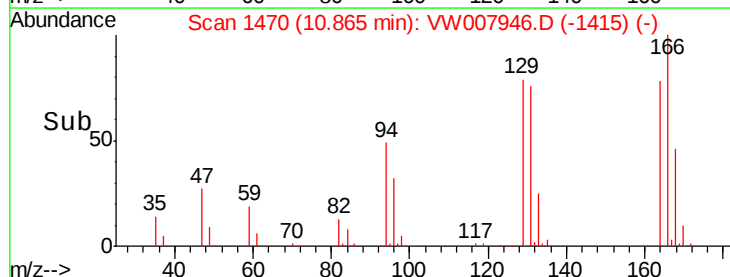
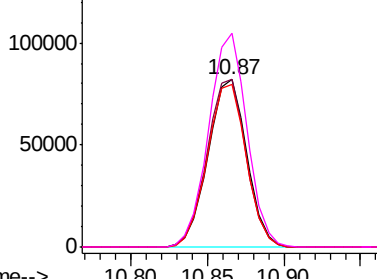
Abundance

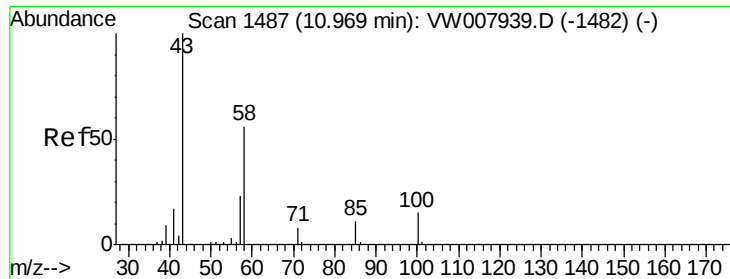
Ion 164.00 (163.70 to 164.70): V

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: 5.364 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.05 min

Lab File: VW007946.D

Acq: 27 Dec 2018 03:18

Instrument :

MSVOA_W

ClientSampleId :

BF050

Tgt Ion: 43 Resp: 2306

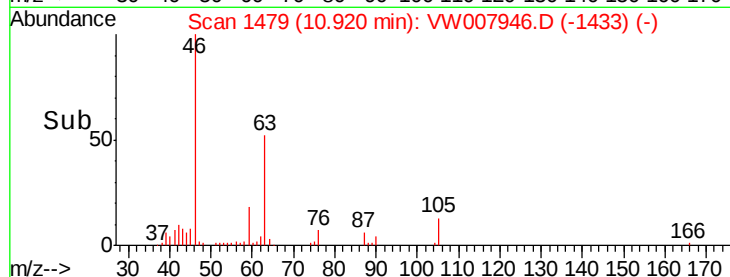
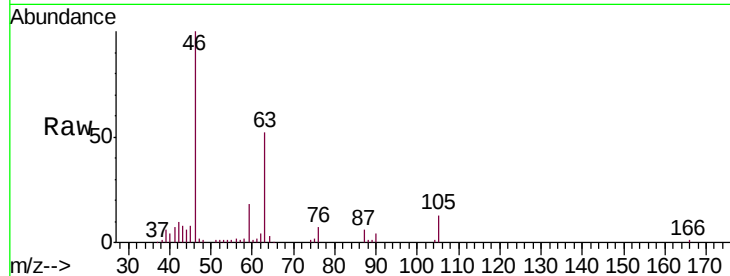
Ion Ratio Lower Upper

43 100

58 16.3 46.2 69.4#

57 17.5 17.9 26.9#

100 0.0 11.4 17.2#

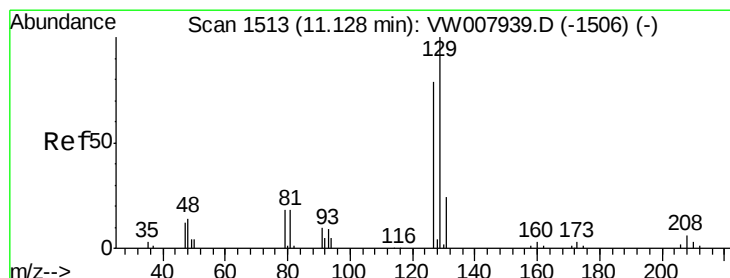
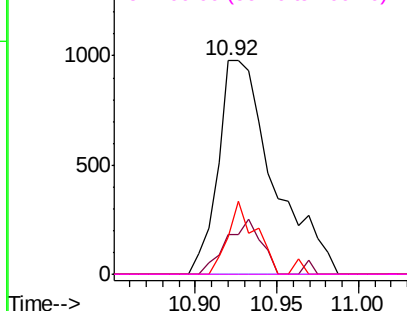


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 179.492 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW007946.D

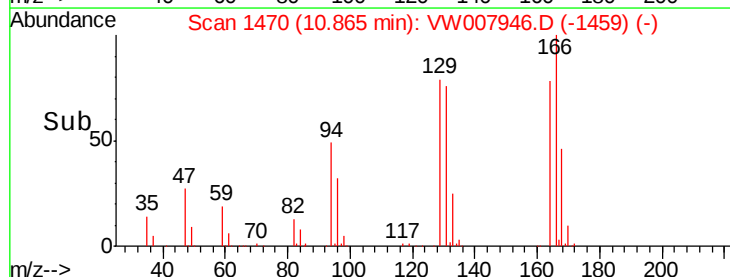
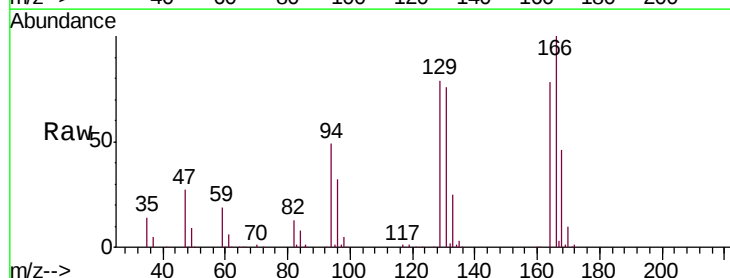
Acq: 27 Dec 2018 03:18

Tgt Ion: 129 Resp: 145644

Ion Ratio Lower Upper

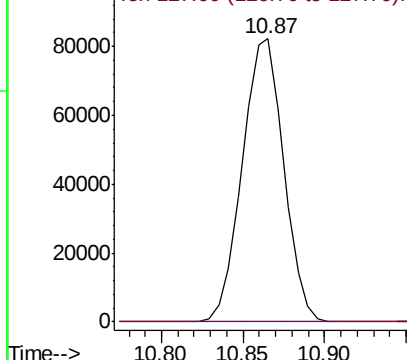
129 100

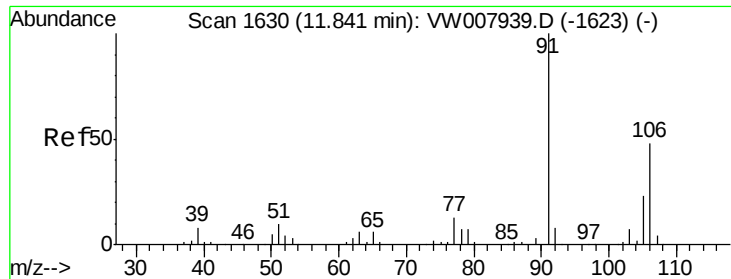
127 0.2 55.8 103.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#54
 m,p-Xylene
 Concen: 0.324 ug/L
 RT: 11.83 min Scan# 1628
 Delta R.T. -0.01 min
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 Acq: 27 Dec 2018 03:18

Instrument :
 MSVOA_W
 ClientSampleId :
 BF050

Tgt Ion:106 Resp: 503
 Ion Ratio Lower Upper
 106 100
 91 133.1 147.8 274.4#

