

Data File : VW007948.D
Acq On : 27 Dec 2018 04:09
Operator : SY/AP
Sample : J6506-12
Misc : 5.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF055

Quant Time: Dec 27 07:03:32 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	96251	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	86057	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	36058	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	23351	24.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.48%
7) Chloroethane-d5	2.90	69	15452	24.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.72%
10) 1,1-Dichloroethene-d2	4.01	63	45029	17.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.16%
20) 2-Butanone-d5	7.07	46	14923	36.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.78%
24) Chloroform-d	7.65	84	61350	23.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.84%
26) 1,2-Dichloroethane-d4	8.31	65	39462	25.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.80%
29) Benzene-d6	8.27	84	116877	24.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.88%
33) 1,2-Dichloropropane-d6	9.27	67	32664	24.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.52%
37) Toluene-d8	10.32	98	110893	23.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.32%
38) trans-1,3-Dichloropropene-	10.58	79	17296	22.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.80%
39) 2-Hexanone-d5	10.93	63	12731	37.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	29136	23.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	33898	23.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.12%

Target Compounds

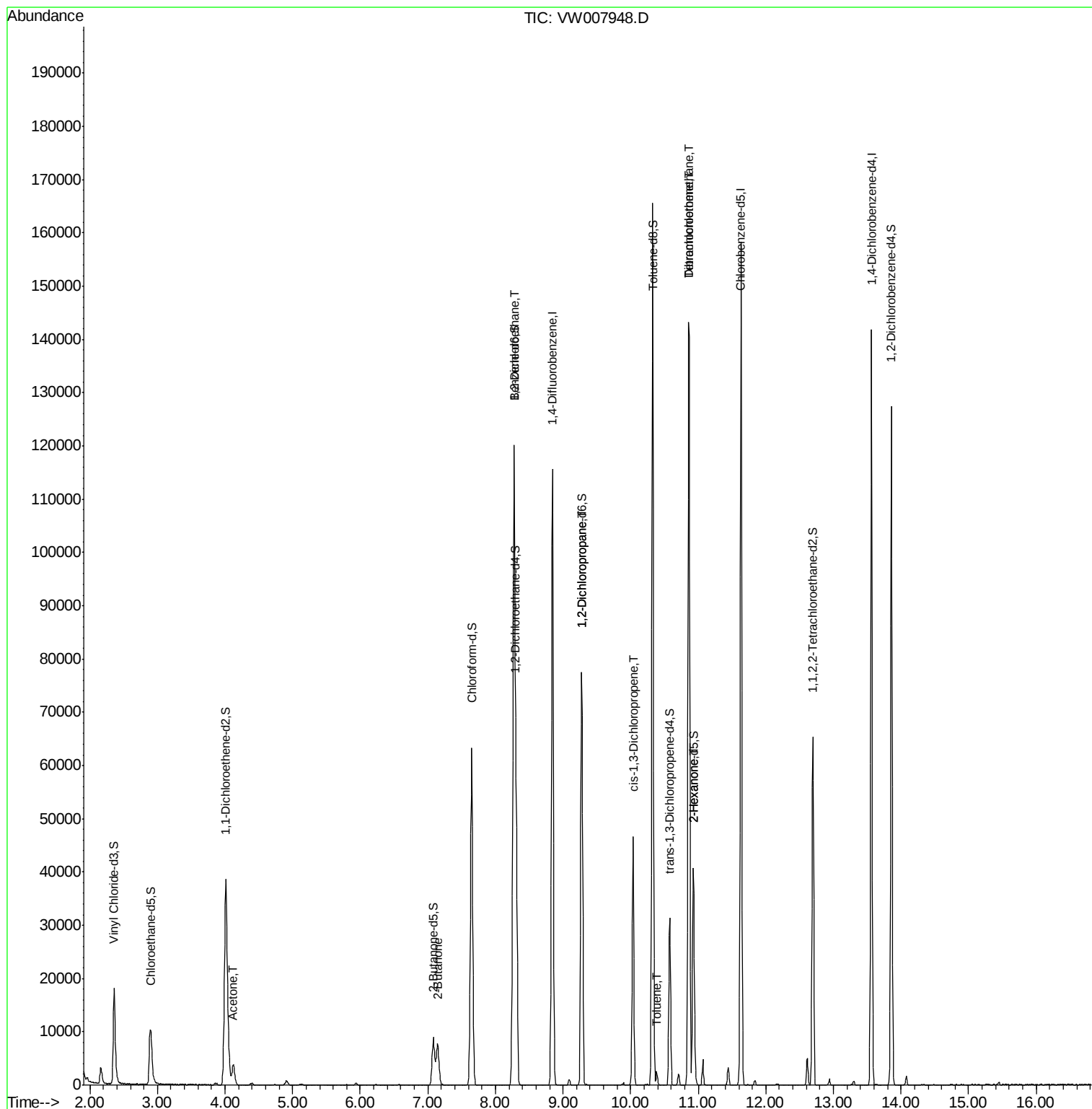
						Qvalue
13) Acetone	4.12	43	6307	15.958	ug/L	92
21) 2-Butanone	7.14	43	1312	2.917	ug/L #	46
27) 1,2-Dichloroethane	8.27	62	732	0.441	ug/L #	80
40) 1,2-Dichloropropane	9.27	63	4322	3.993	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1243	0.658	ug/L #	62
44) Toluene	10.38	91	1909	0.371	ug/L	83
47) Tetrachloroethene	10.87	164	31161	29.314	ug/L	98
49) 2-Hexanone	10.93	43	2074	3.355	ug/L #	65
50) Dibromochloromethane	10.87	129	31518	27.014	ug/L #	9

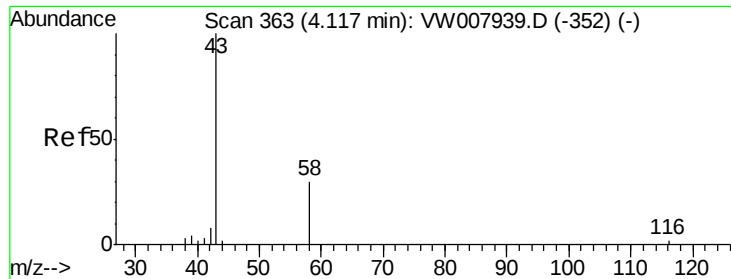
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 15.958 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007948.D

Acq: 27 Dec 2018 04:09

Instrument :

MSVOA_W

ClientSampleId :

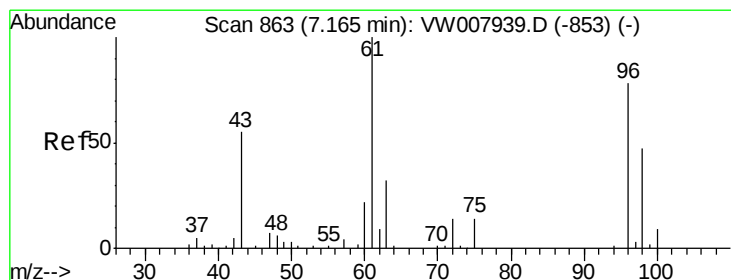
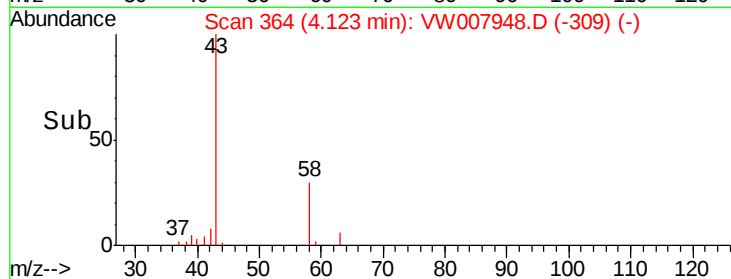
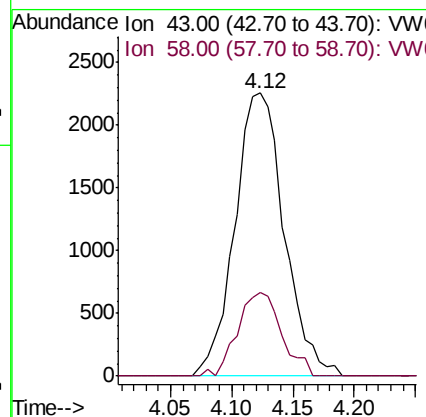
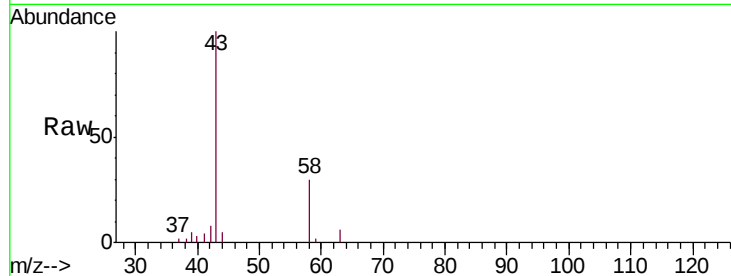
BF055

Tgt Ion: 43 Resp: 6307

Ion Ratio Lower Upper

43 100

58 25.1 0.0 58.6



#21

2-Butanone

Concen: 2.917 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW007948.D

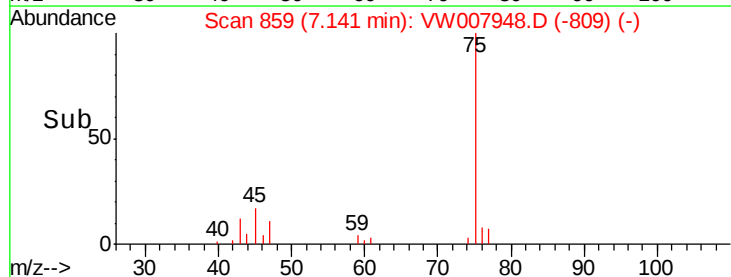
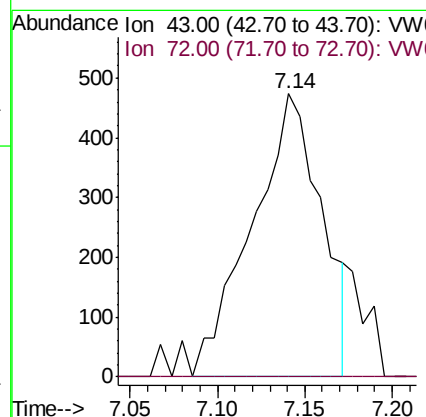
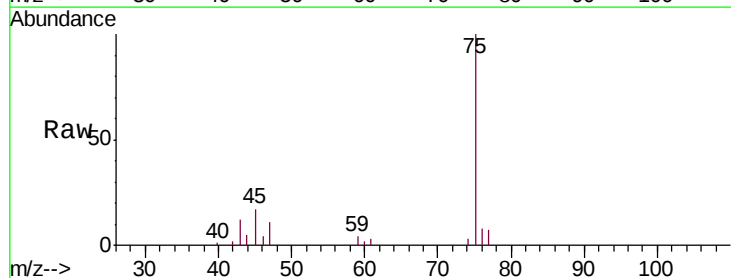
Acq: 27 Dec 2018 04:09

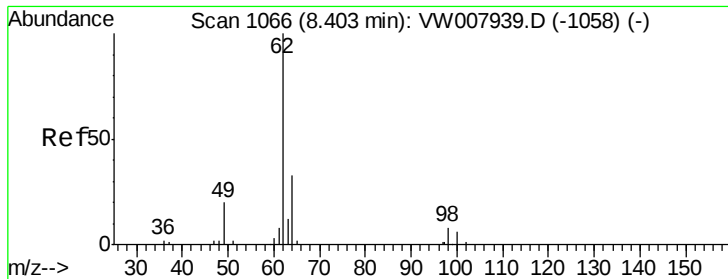
Tgt Ion: 43 Resp: 1312

Ion Ratio Lower Upper

43 100

72 0.0 14.4 43.4#

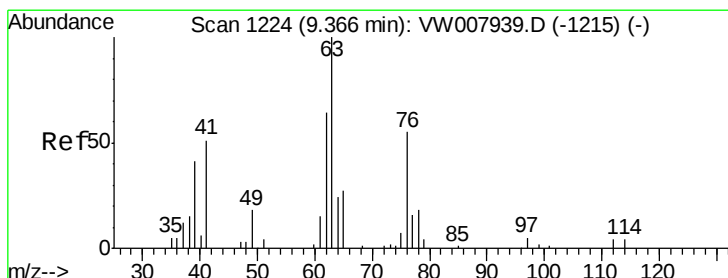
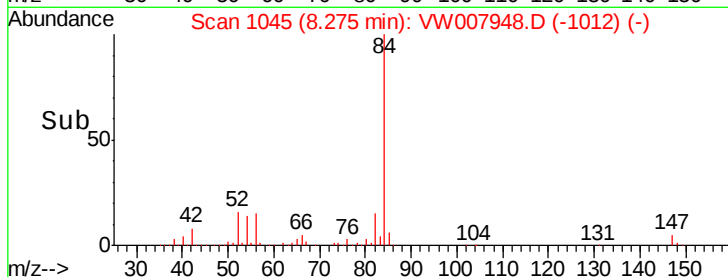
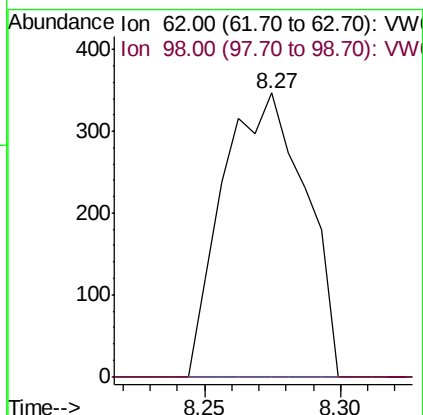
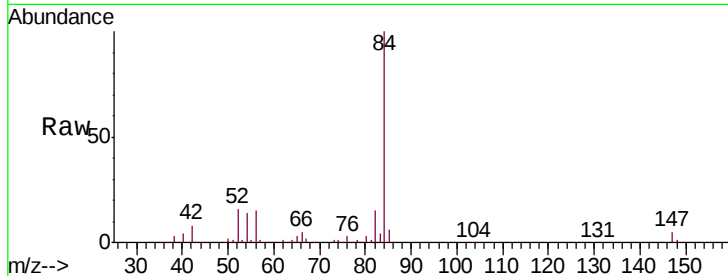




#27
 1,2-Dichloroethane
 Concen: 0.441 ug/L
 RT: 8.27 min Scan# 1045
 Delta R.T. -0.13 min
 Lab File: VW007948.D
 Acq: 27 Dec 2018 04:09

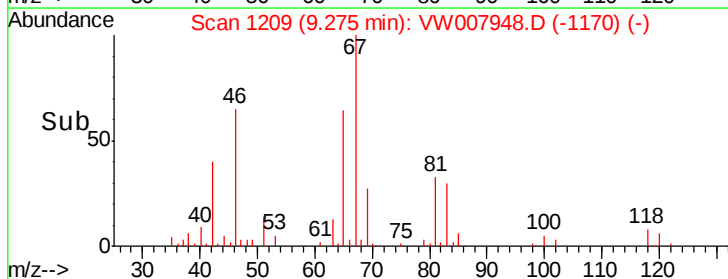
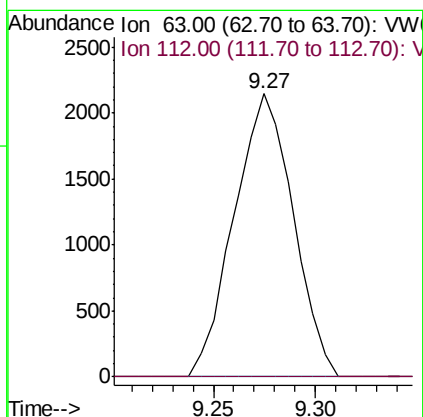
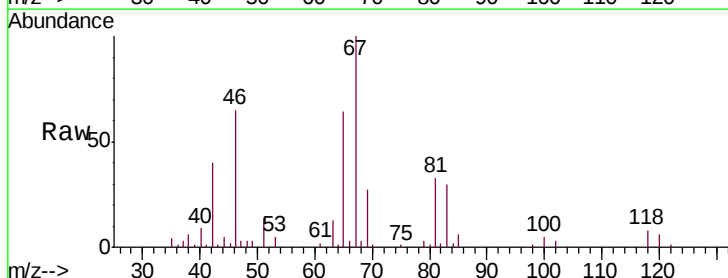
Instrument :
 MSVOA_W
 ClientSampleId :
 BF055

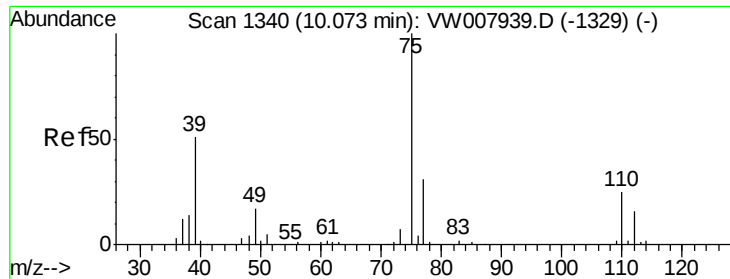
Tgt Ion: 62 Resp: 732
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.4 8.2#



#40
 1,2-Dichloropropane
 Concen: 3.993 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW007948.D
 Acq: 27 Dec 2018 04:09

Tgt Ion: 63 Resp: 4322
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#





#42

cis-1,3-Dichloropropene

Concen: 0.658 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007948.D

Acq: 27 Dec 2018 04:09

Instrument :

MSVOA_W

ClientSampled :

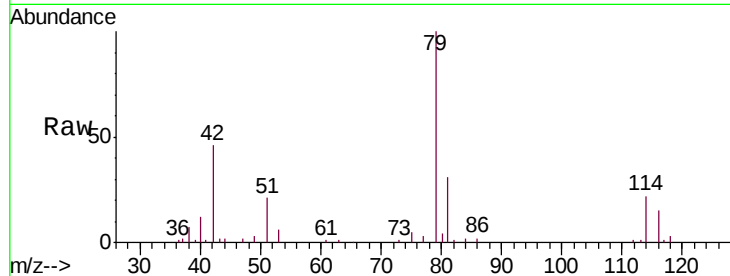
BF055

Tgt Ion: 75 Resp: 1243

Ion Ratio Lower Upper

75 100

77 54.4 23.0 42.8#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

800

600

400

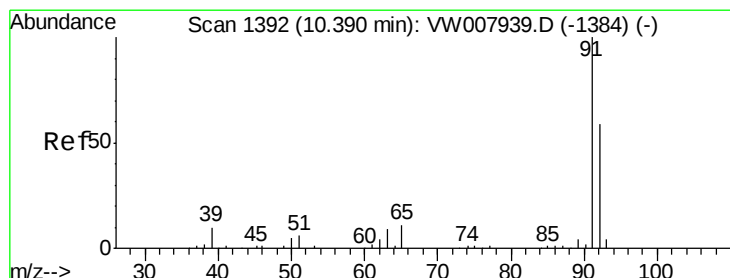
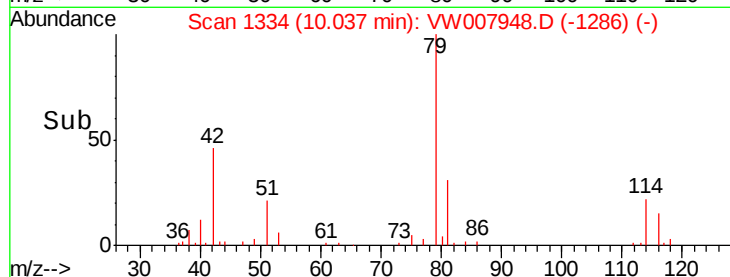
200

0

10.04

10.05

Time-->



#44

Toluene

Concen: 0.371 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW007948.D

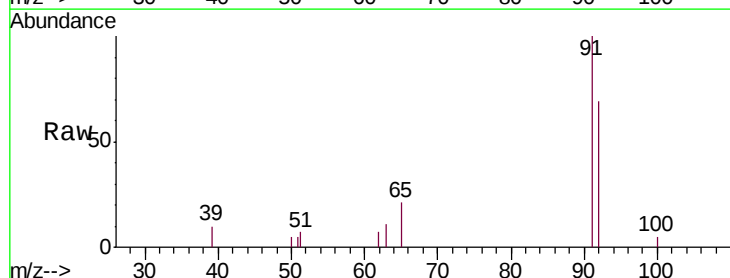
Acq: 27 Dec 2018 04:09

Tgt Ion: 91 Resp: 1909

Ion Ratio Lower Upper

91 100

92 69.2 39.6 73.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

1200

1000

800

600

400

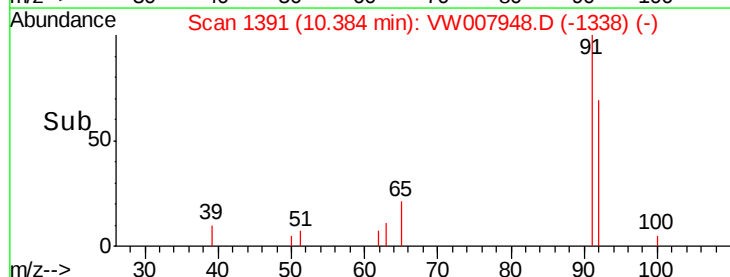
200

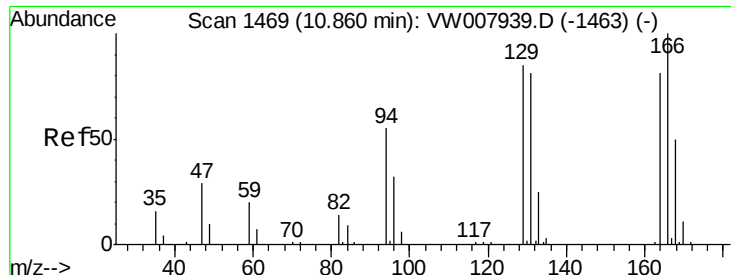
0

10.38

10.40

Time-->





#47

Tetrachloroethene

Concen: 29.314 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW007948.D

Acq: 27 Dec 2018 04:09

Instrument :

MSVOA_W

ClientSampleId :

BF055

Tgt Ion:164 Resp: 31161

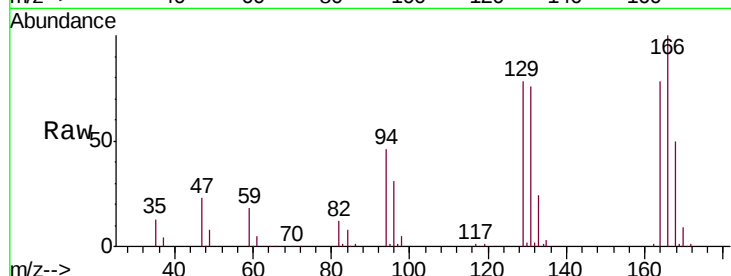
Ion Ratio Lower Upper

164 100

129 100.6 70.6 131.2

131 97.5 66.5 123.5

166 128.7 87.7 162.9

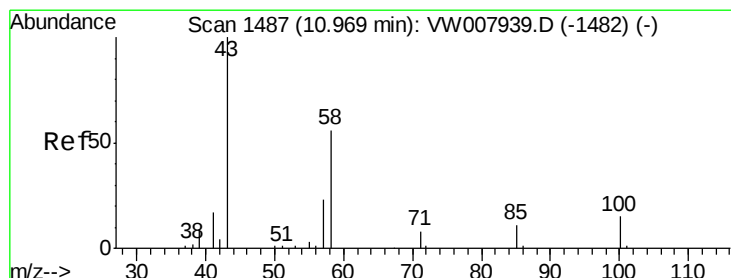
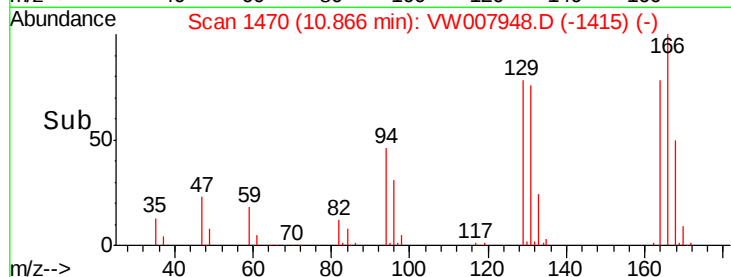
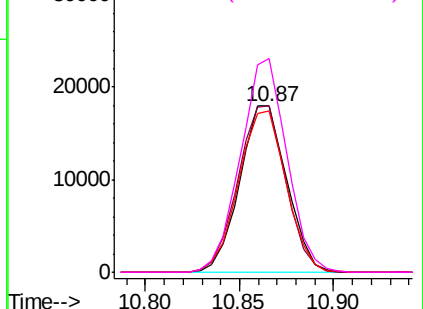


Abundance Ion 164.00 (163.70 to 164.70): V

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: 3.355 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW007948.D

Acq: 27 Dec 2018 04:09

Tgt Ion: 43 Resp: 2074

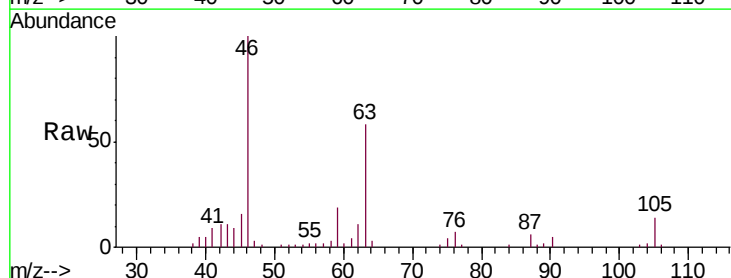
Ion Ratio Lower Upper

43 100

58 23.1 46.2 69.4#

57 24.3 17.9 26.9

100 0.0 11.4 17.2#

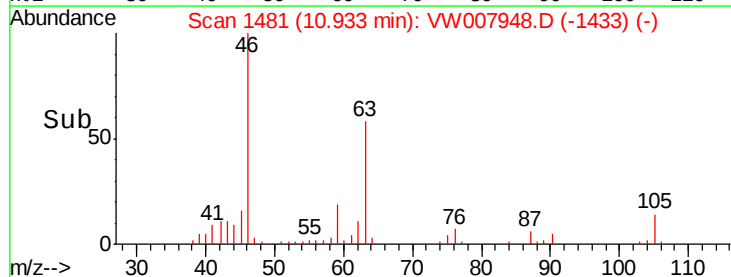
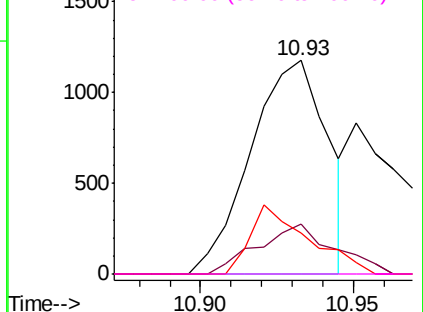


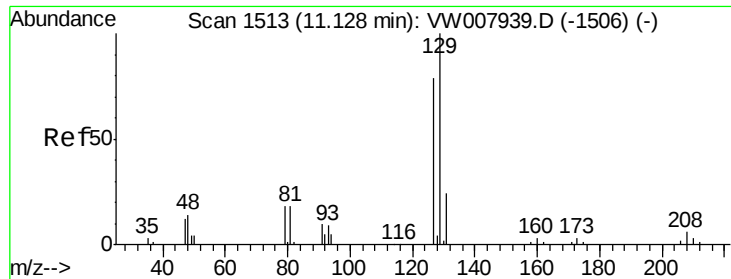
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 27.014 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW007948.D

Acq: 27 Dec 2018 04:09

Instrument :

MSVOA_W

ClientSampleId :

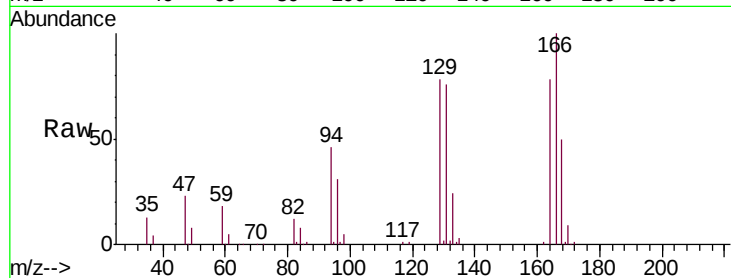
BF055

Tgt Ion:129 Resp: 31518

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

