

Data File : VW007947.D
Acq On : 27 Dec 2018 03:44
Operator : SY/AP
Sample : J6506-11
Misc : 6.02G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF054

Quant Time: Dec 27 07:03:19 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	72664	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	55359	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	15320	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	19248	26.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.52%
7) Chloroethane-d5	2.89	69	12562	26.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.16%
10) 1,1-Dichloroethene-d2	4.01	63	36798	18.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.92%
20) 2-Butanone-d5	7.07	46	9944	32.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.12%
24) Chloroform-d	7.65	84	49092	25.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.56%
26) 1,2-Dichloroethane-d4	8.31	65	29649	25.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.32%
29) Benzene-d6	8.27	84	90577	29.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.68%
33) 1,2-Dichloropropane-d6	9.27	67	24912	29.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.00%
37) Toluene-d8	10.32	98	76630	25.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.32%
38) trans-1,3-Dichloropropene-	10.58	79	12462	25.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.80%
39) 2-Hexanone-d5	10.93	63	8416	38.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	17328	21.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	14143	22.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.44%

Target Compounds

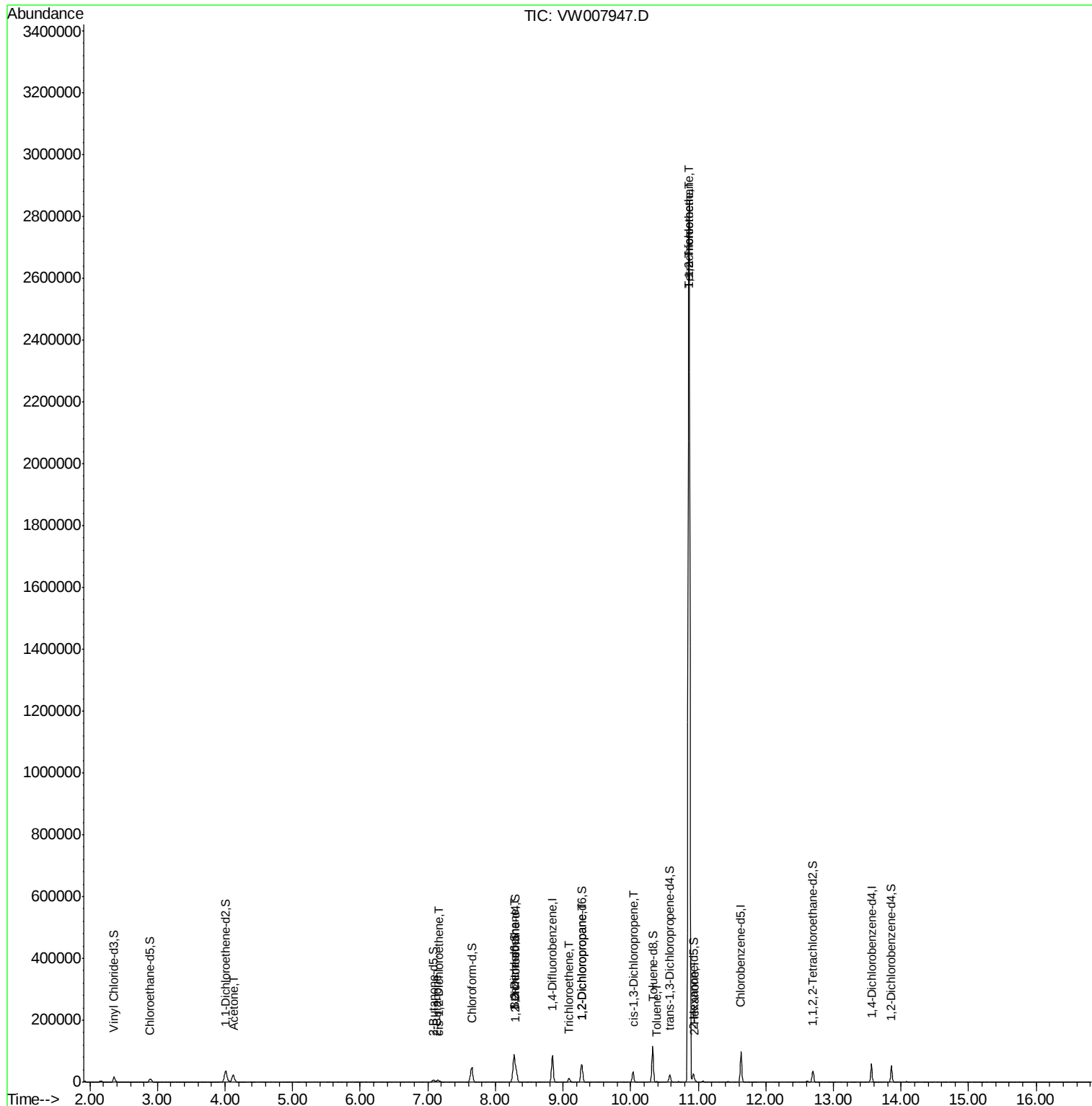
						Qvalue
13) Acetone	4.12	43	39212	131.416	ug/L	98
21) 2-Butanone	7.13	43	551	1.623	ug/L #	46
22) cis-1,2-Dichloroethene	7.17	96	662	0.678	ug/L	92
27) 1,2-Dichloroethane	8.27	62	587	0.469	ug/L #	80
35) Trichloroethene	9.09	95	4317	5.016	ug/L	99
40) 1,2-Dichloropropane	9.27	63	3305	4.746	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	917	0.754	ug/L #	74
44) Toluene	10.39	91	1687	0.509	ug/L	88
46) 1,1,2-Trichloroethane	10.87	97	6228	10.572	ug/L #	28
47) Tetrachloroethene	10.87	164	628943	919.753	ug/L	96
49) 2-Hexanone	10.95	43	1648	4.145	ug/L #	43

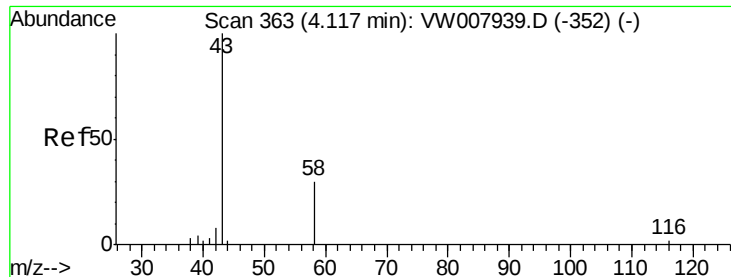
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 131.416 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007947.D

Acq: 27 Dec 2018 03:44

Instrument :

MSVOA_W

ClientSampled :

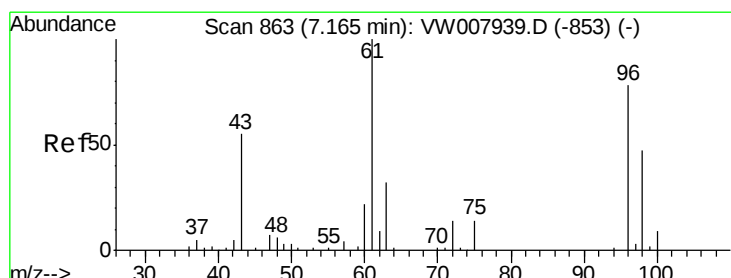
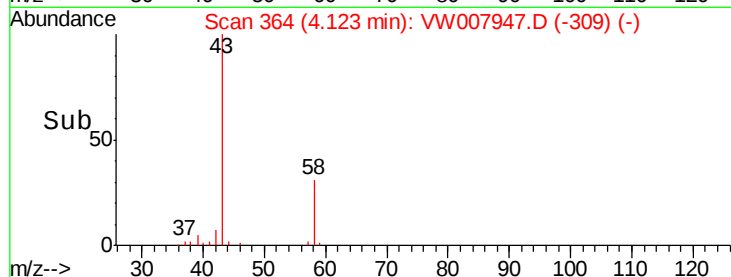
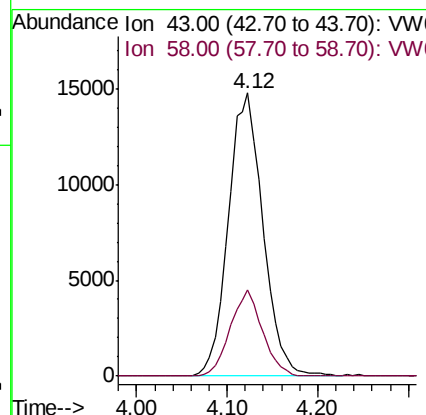
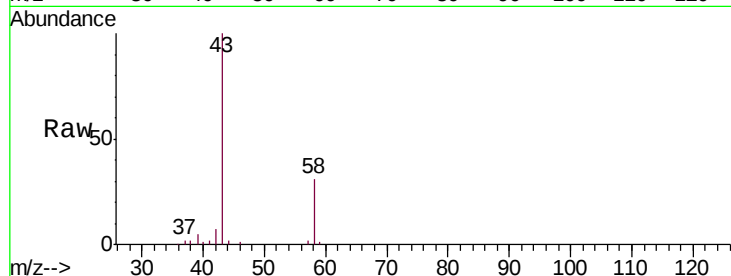
BF054

Tgt Ion: 43 Resp: 39212

Ion Ratio Lower Upper

43 100

58 28.1 0.0 58.6



#21

2-Butanone

Concen: 1.623 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW007947.D

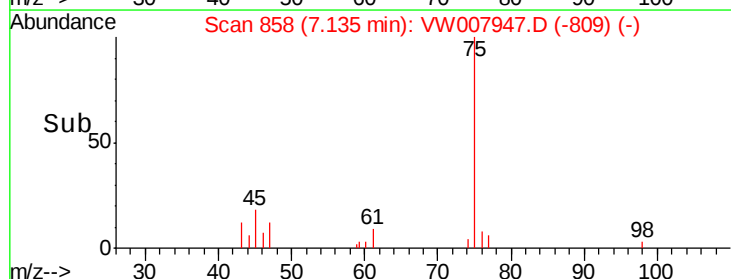
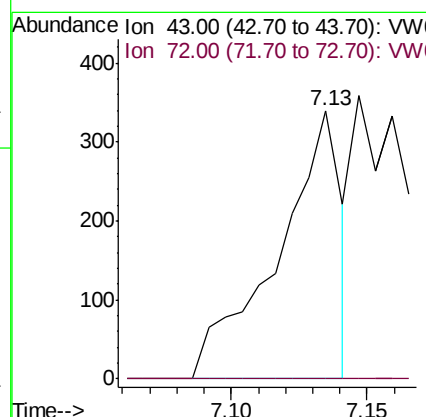
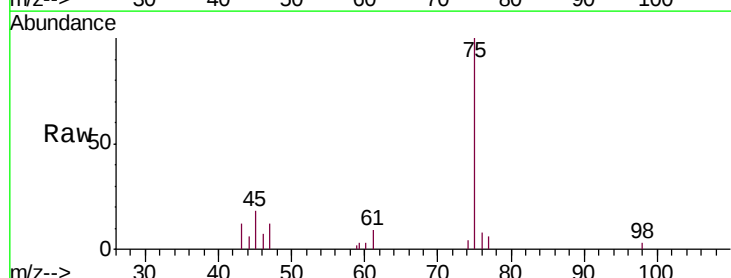
Acq: 27 Dec 2018 03:44

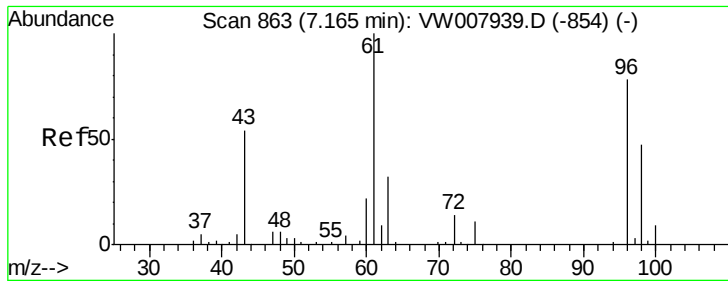
Tgt Ion: 43 Resp: 551

Ion Ratio Lower Upper

43 100

72 0.0 14.4 43.4#



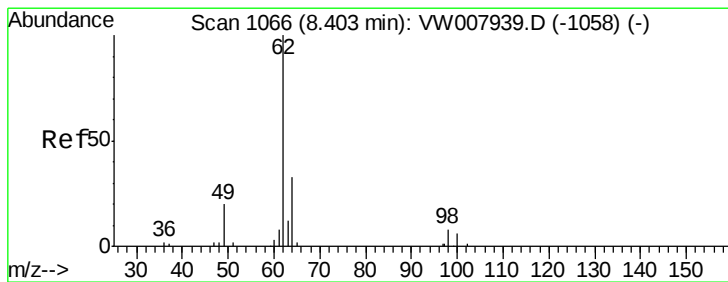
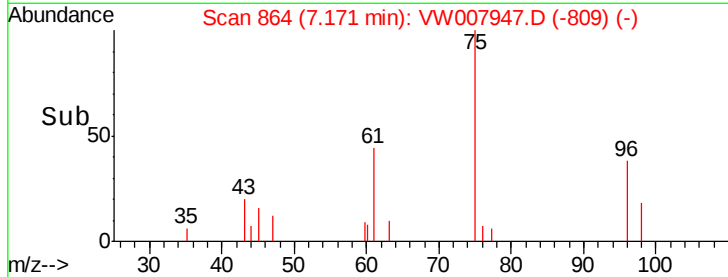
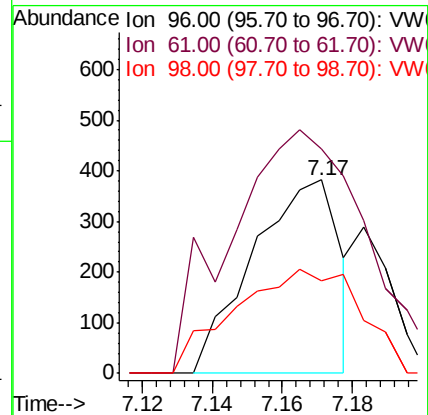
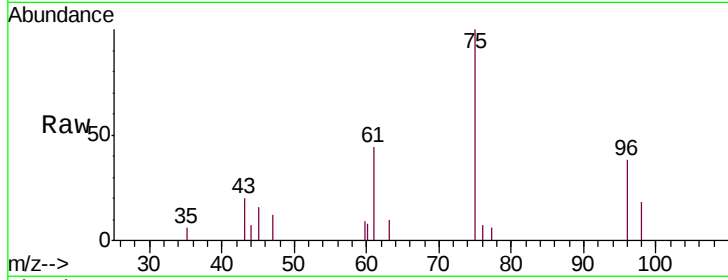


#22

cis-1,2-Dichloroethene
 Concen: 0.678 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW007947.D
 Acq: 27 Dec 2018 03:44

Instrument :
 MSVOA_W
 ClientSampleId :
 BF054

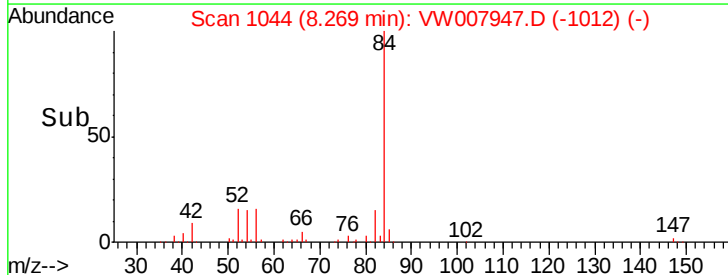
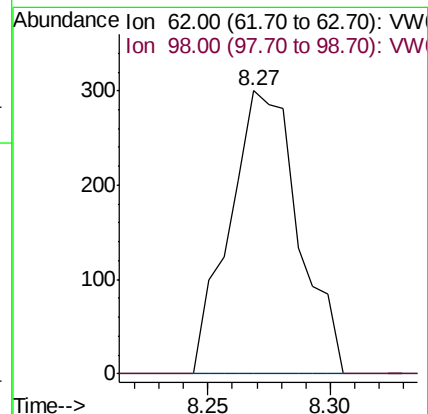
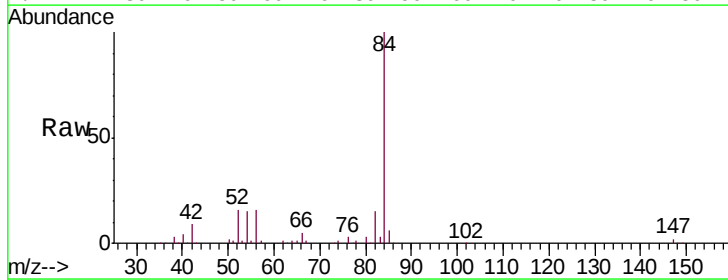
Tgt Ion: 96 Resp: 662
 Ion Ratio Lower Upper
 96 100
 61 115.7 83.4 155.0
 98 47.9 42.3 78.5

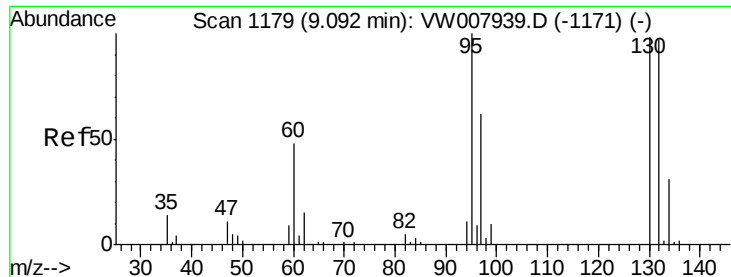


#27

1,2-Dichloroethane
 Concen: 0.469 ug/L
 RT: 8.27 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW007947.D
 Acq: 27 Dec 2018 03:44

Tgt Ion: 62 Resp: 587
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.4 8.2#





#35

Trichloroethene

Concen: 5.016 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW007947.D

Acq: 27 Dec 2018 03:44

Instrument :

MSVOA_W

ClientSampleId :

BF054

Tgt Ion: 95 Resp: 4317

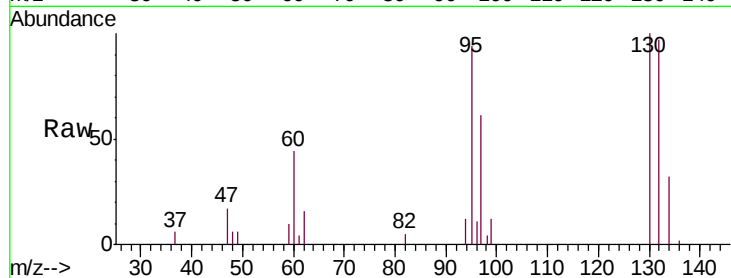
Ion Ratio Lower Upper

95 100

97 64.1 44.4 82.5

132 96.9 67.8 126.0

130 98.8 70.3 130.7

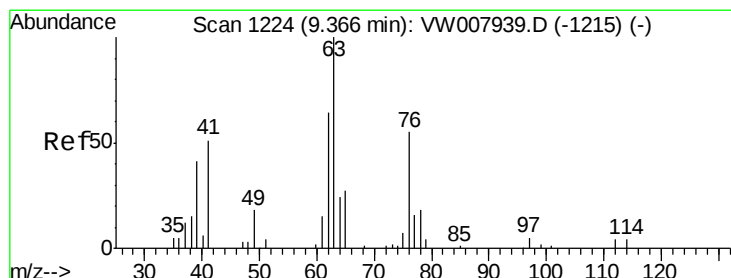
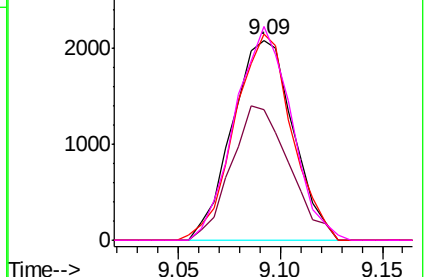
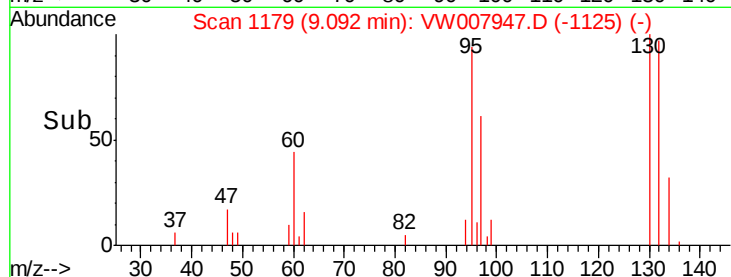


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 4.746 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

Lab File: VW007947.D

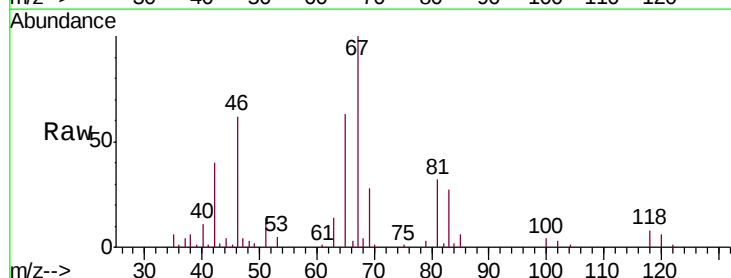
Acq: 27 Dec 2018 03:44

Tgt Ion: 63 Resp: 3305

Ion Ratio Lower Upper

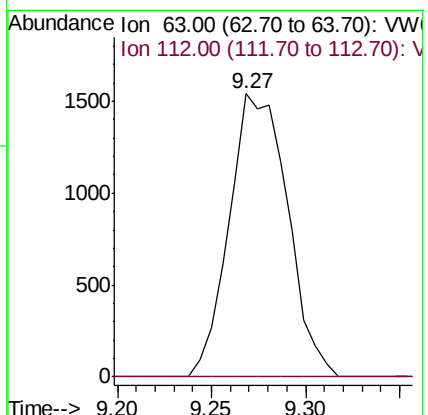
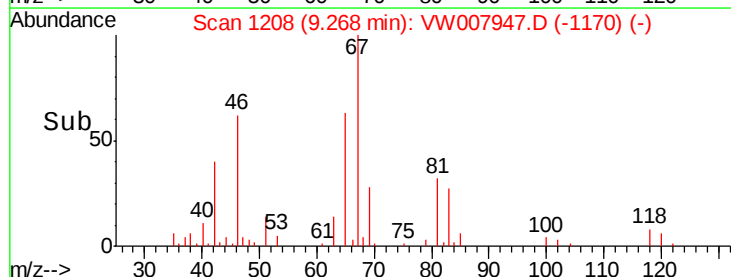
63 100

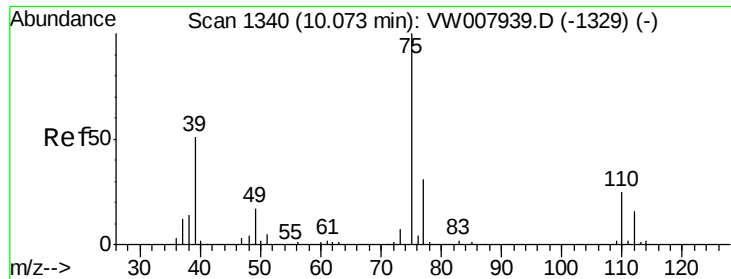
112 0.0 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

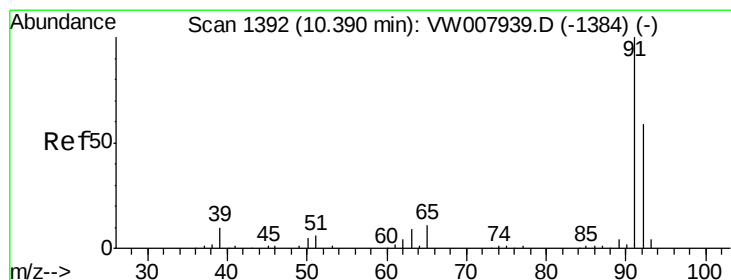
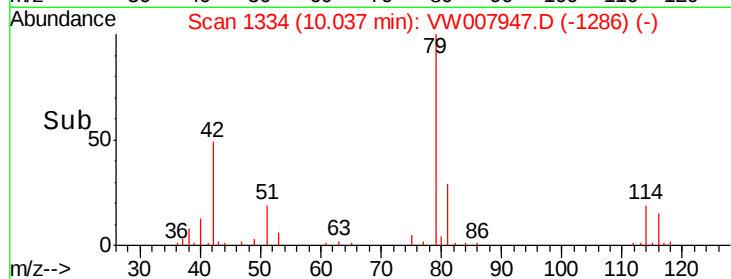
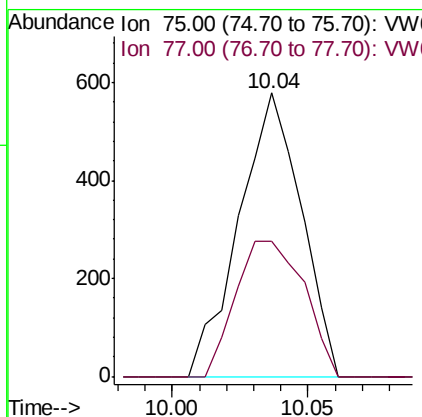
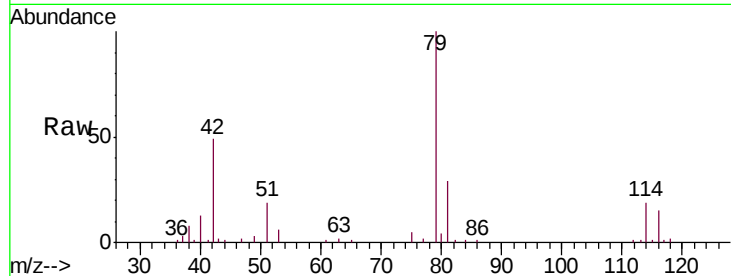




#42
 cis-1,3-Dichloropropene
 Concen: 0.754 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW007947.D
 Acq: 27 Dec 2018 03:44

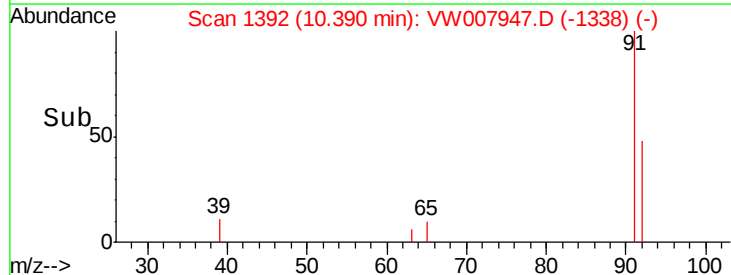
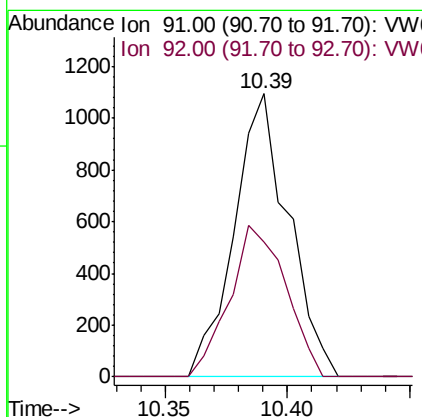
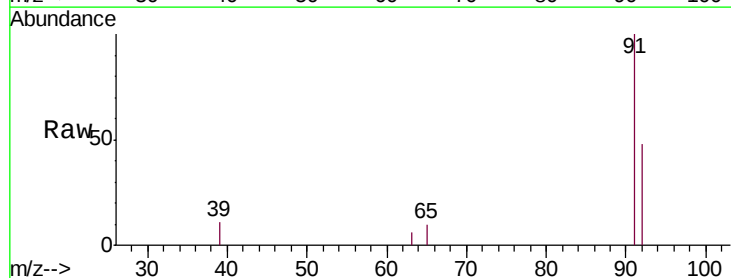
Instrument :
 MSVOA_W
 ClientSampled :
 BF054

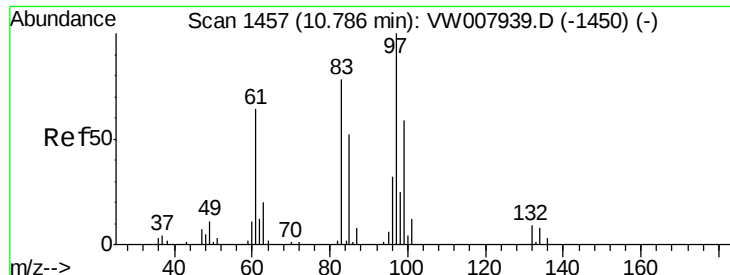
Tgt Ion: 75 Resp: 917
 Ion Ratio Lower Upper
 75 100
 77 47.8 23.0 42.8#



#44
 Toluene
 Concen: 0.509 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW007947.D
 Acq: 27 Dec 2018 03:44

Tgt Ion: 91 Resp: 1687
 Ion Ratio Lower Upper
 91 100
 92 47.7 39.6 73.6

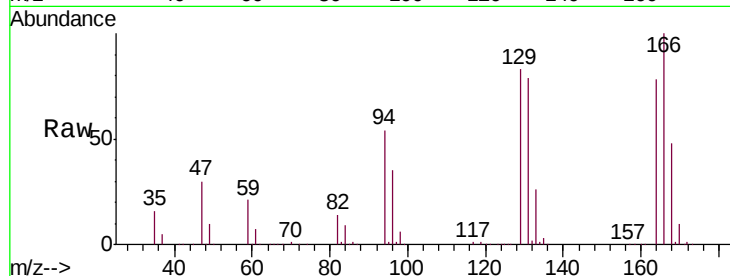




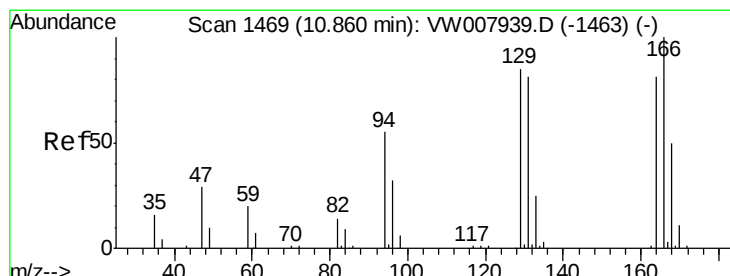
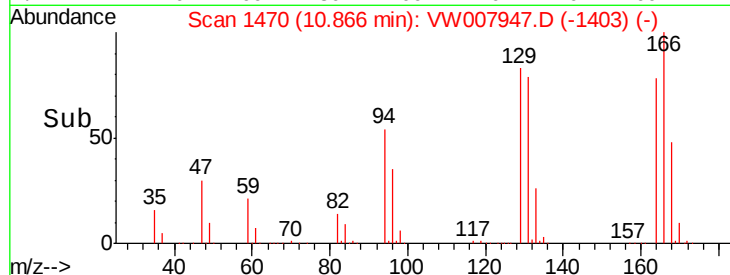
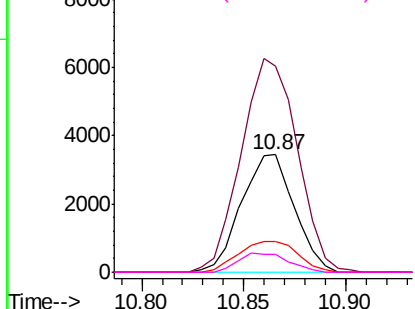
#46
1,1,2-Trichloroethane
Concen: 10.572 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.08 min
Lab File: VW007947.D
Acq: 27 Dec 2018 03:44

Instrument :
MSVOA_W
ClientSampleId :
BF054

Tgt Ion: 97 Resp: 6228
Ion Ratio Lower Upper
97 100
83 175.4 58.4 108.6#
85 26.4 36.4 67.6#
99 15.1 43.8 81.3#

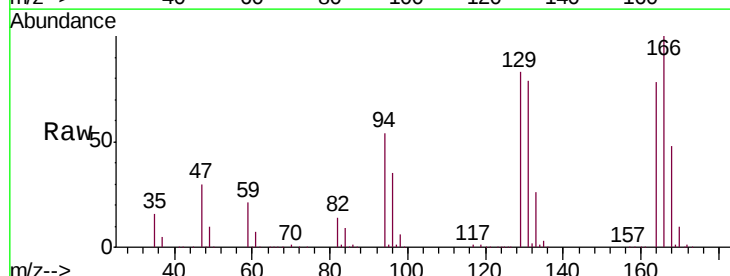


Abundance Ion 97.00 (96.70 to 97.70): VW
Ion 83.00 (82.70 to 83.70): VW
Ion 85.00 (84.70 to 85.70): VW
Ion 99.00 (98.70 to 99.70): VW

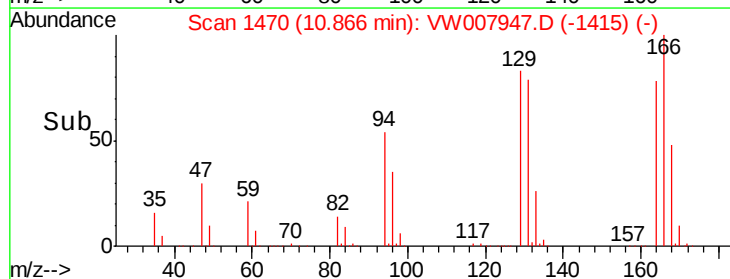
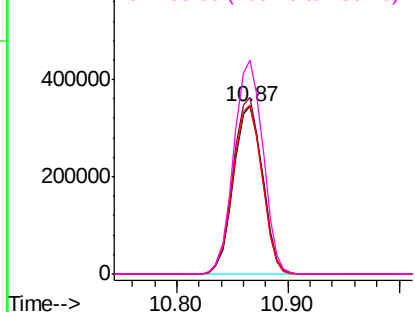


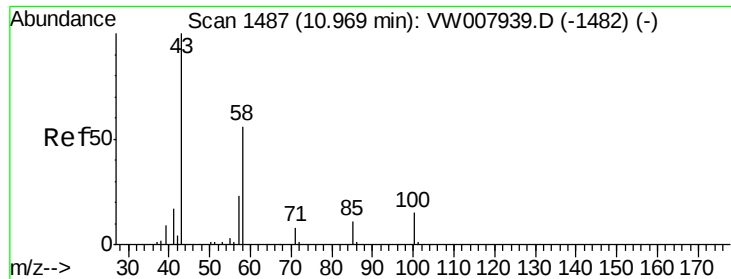
#47
Tetrachloroethene
Concen: 919.753 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW007947.D
Acq: 27 Dec 2018 03:44

Tgt Ion: 164 Resp: 628943
Ion Ratio Lower Upper
164 100
129 105.5 70.6 131.2
131 101.2 66.5 123.5
166 127.8 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: 4.145 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW007947.D

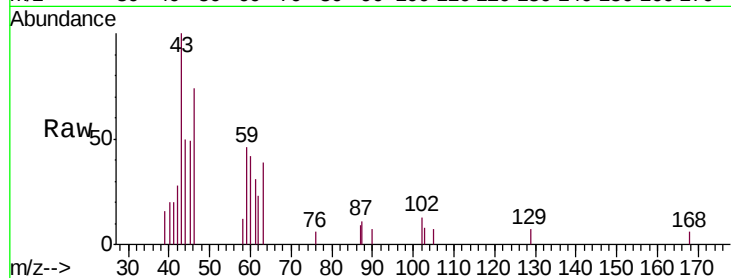
Acq: 27 Dec 2018 03:44

Instrument :

MSVOA_W

ClientSampleId :

BF054



Tgt Ion:	43	Resp:	1648
Ion	Ratio	Lower	Upper
43	100		
58	8.6	46.2	69.4#
57	0.0	17.9	26.9#
100	0.0	11.4	17.2#

