

Data File : VW007951.D
Acq On : 27 Dec 2018 05:27
Operator : SY/AP
Sample : J6506-15
Misc : 5.25G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BEZY5

Quant Time: Dec 27 07:04:09 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	86673	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	67565	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	19806	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	21147	24.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.04%
7) Chloroethane-d5	2.89	69	14227	24.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.88%
10) 1,1-Dichloroethene-d2	4.01	63	39956	17.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.12%
20) 2-Butanone-d5	7.08	46	3496	9.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	19.20%#
24) Chloroform-d	7.65	84	55608	24.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.48%
26) 1,2-Dichloroethane-d4	8.31	65	35424	25.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.48%
29) Benzene-d6	8.27	84	100341	26.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.92%
33) 1,2-Dichloropropane-d6	9.27	67	28757	27.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.60%
37) Toluene-d8	10.32	98	89532	24.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.00%
38) trans-1,3-Dichloropropene-	10.58	79	9834	16.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.48%
39) 2-Hexanone-d5	10.93	63	3657	13.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	27.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	20757	20.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	17233	21.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.16%

Target Compounds

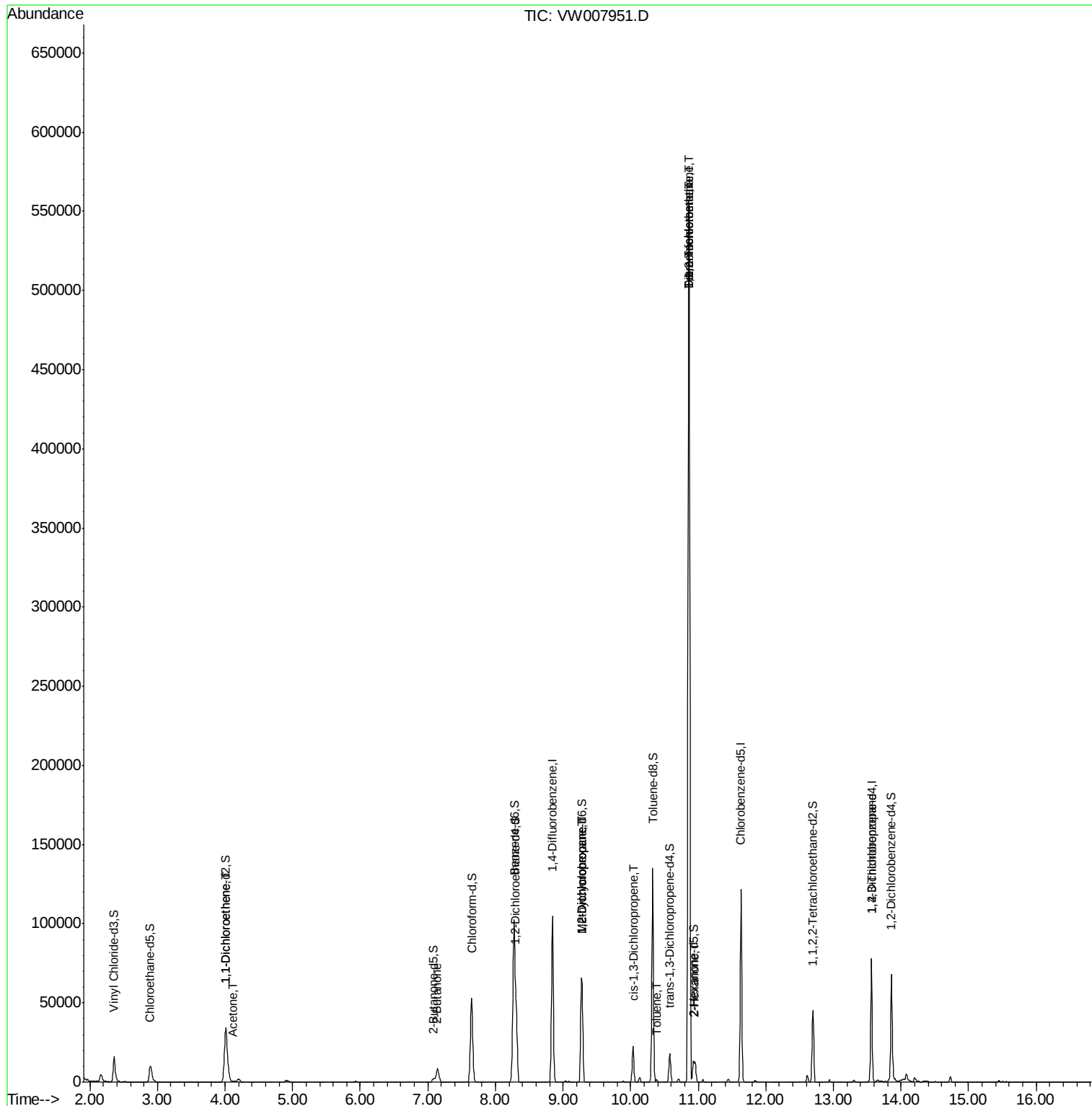
					Qvalue	
12) 1,1-Dichloroethene	4.01	96	316	0.315	ug/L #	1
13) Acetone	4.12	43	464	1.304	ug/L	67
21) 2-Butanone	7.15	43	5173	12.774	ug/L #	46
36) Methylcyclohexane	9.27	83	8279	4.596	ug/L #	19
40) 1,2-Dichloropropane	9.27	63	3818	4.492	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	715	0.482	ug/L	85
44) Toluene	10.38	91	1242	0.307	ug/L	89
46) 1,1,2-Trichloroethane	10.87	97	1283	1.784	ug/L #	27
47) Tetrachloroethene	10.87	164	121309	145.352	ug/L	99
49) 2-Hexanone	10.96	43	7721	15.910	ug/L #	42
50) Dibromochloromethane	10.86	129	124432	135.838	ug/L #	9
59) 1,2,3-Trichloropropane	13.56	75	2343	3.267	ug/L #	84

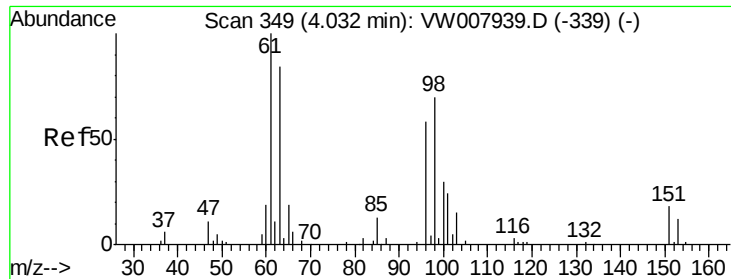
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.315 ug/L

RT: 4.01 min Scan# 345

Delta R.T. -0.02 min

Lab File: VW007951.D

Acq: 27 Dec 2018 05:27

Instrument :

MSVOA_W

ClientSampleId :

BEZY5

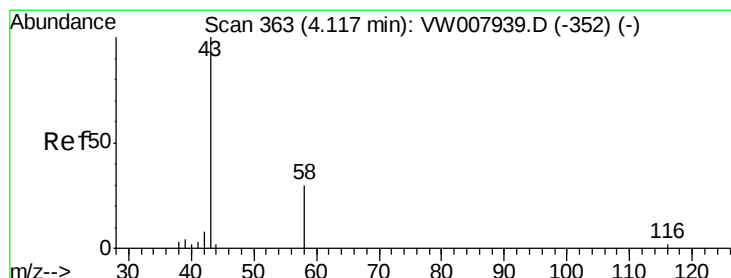
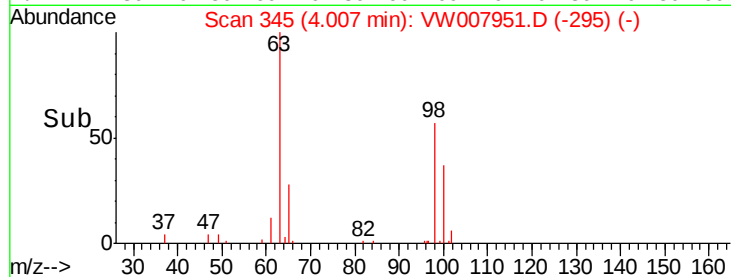
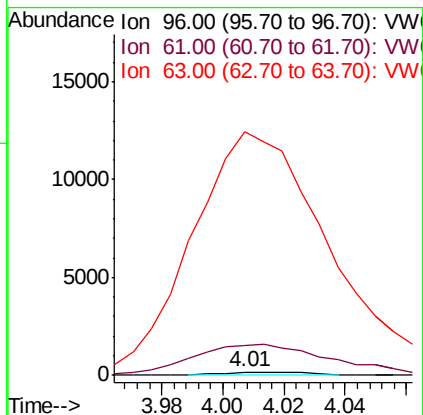
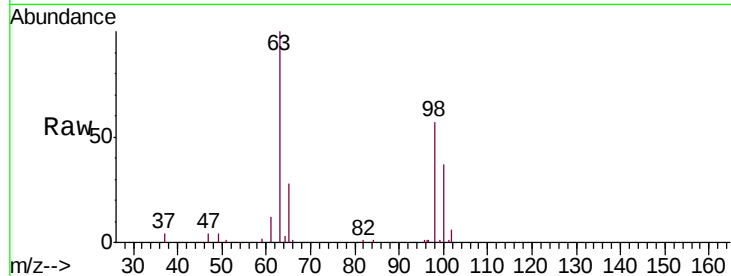
Tgt Ion: 96 Resp: 316

Ion Ratio Lower Upper

96 100

61 502.9 120.3 223.3#

63 4065.0 91.6 170.0#



#13

Acetone

Concen: 1.304 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW007951.D

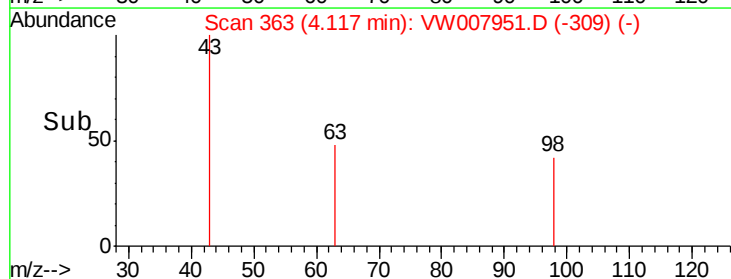
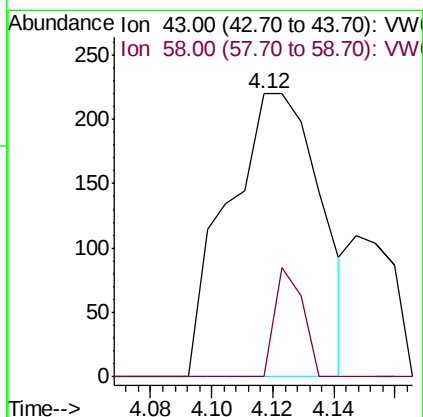
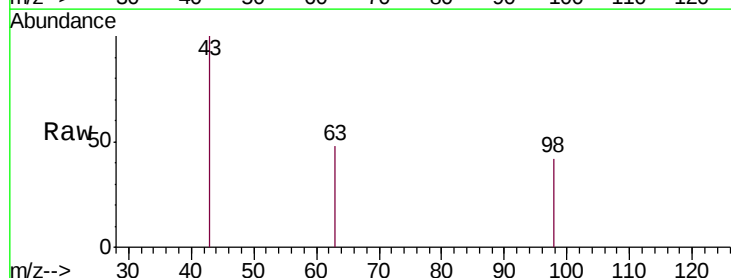
Acq: 27 Dec 2018 05:27

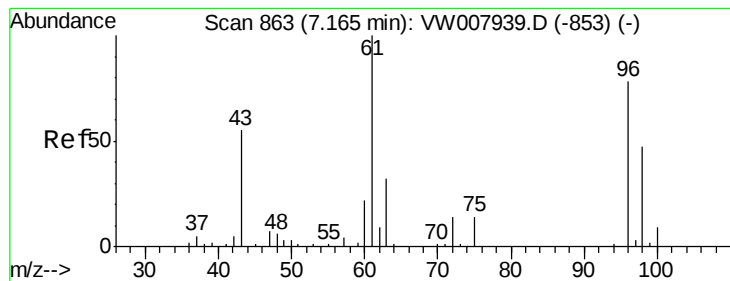
Tgt Ion: 43 Resp: 464

Ion Ratio Lower Upper

43 100

58 11.6 0.0 58.6





#21

2-Butanone

Concen: 12.774 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW007951.D

Acq: 27 Dec 2018 05:27

Instrument :

MSVOA_W

ClientSampleId :

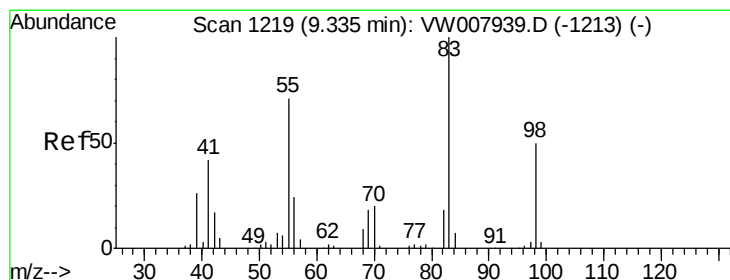
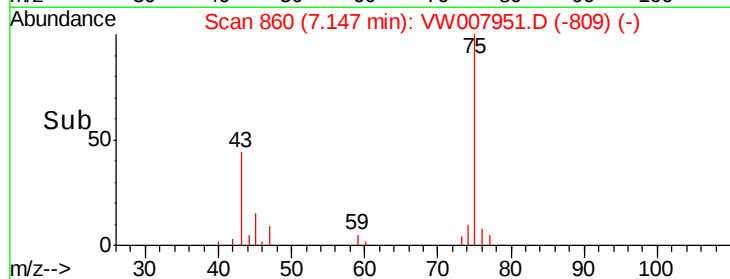
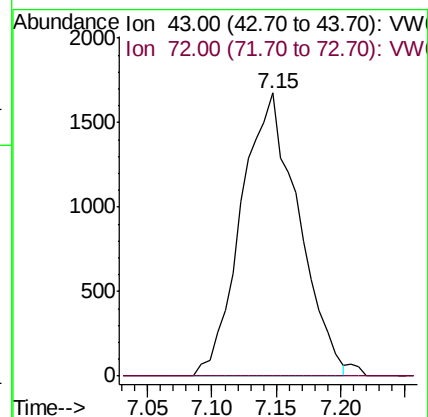
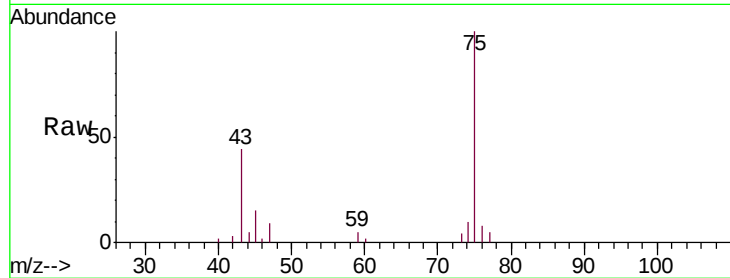
BEZY5

Tgt Ion: 43 Resp: 5173

Ion Ratio Lower Upper

43 100

72 0.0 14.4 43.4#



#36

Methylcyclohexane

Concen: 4.596 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW007951.D

Acq: 27 Dec 2018 05:27

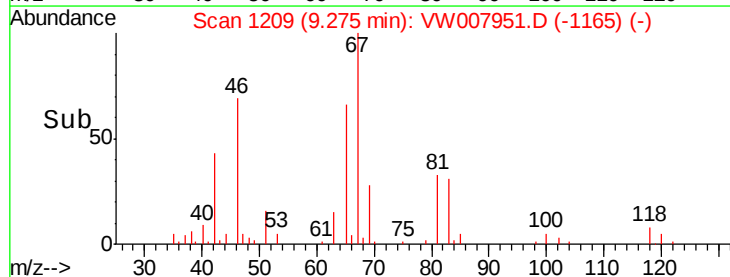
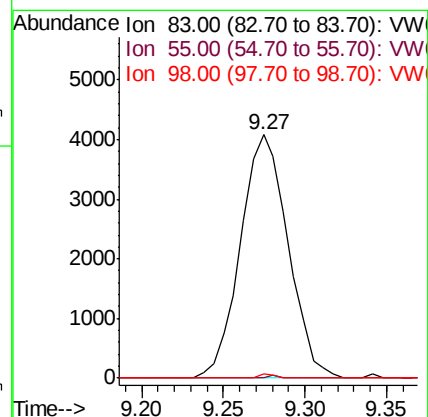
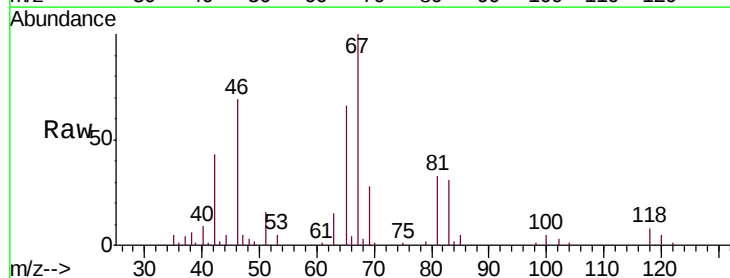
Tgt Ion: 83 Resp: 8279

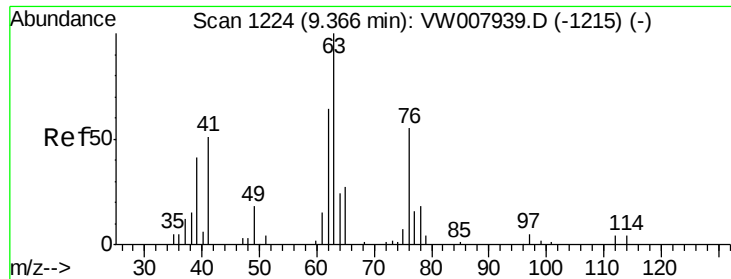
Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.0#

98 0.5 38.2 57.2#

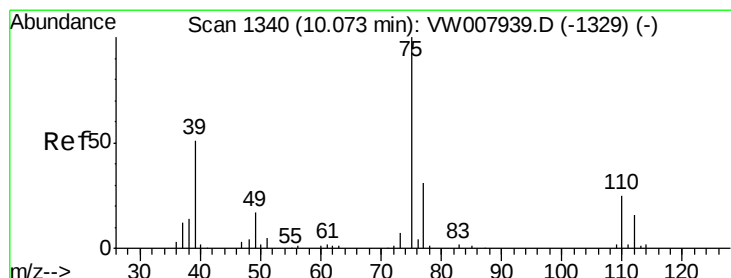
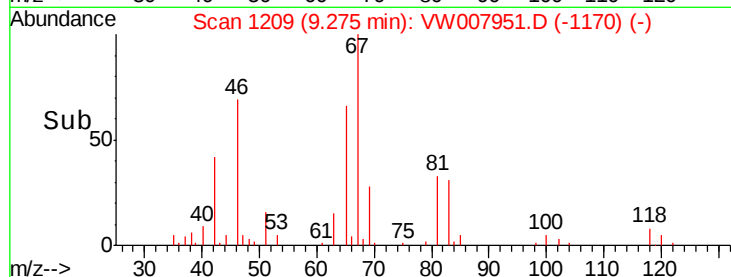
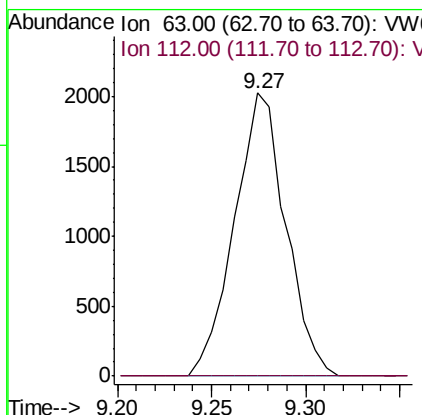
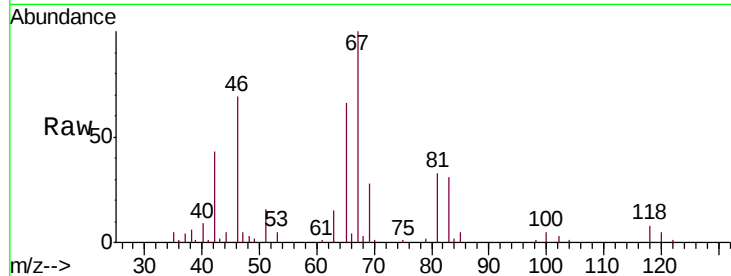




#40
 1,2-Dichloropropane
 Concen: 4.492 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW007951.D
 Acq: 27 Dec 2018 05:27

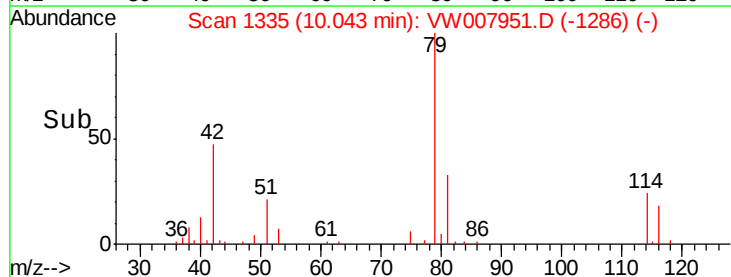
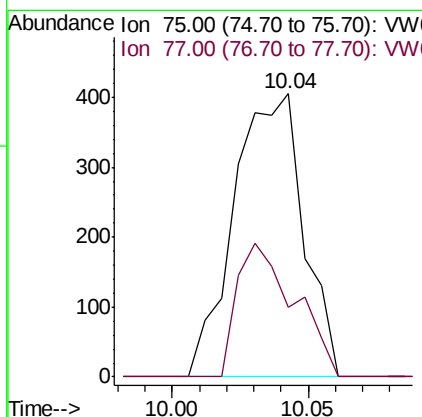
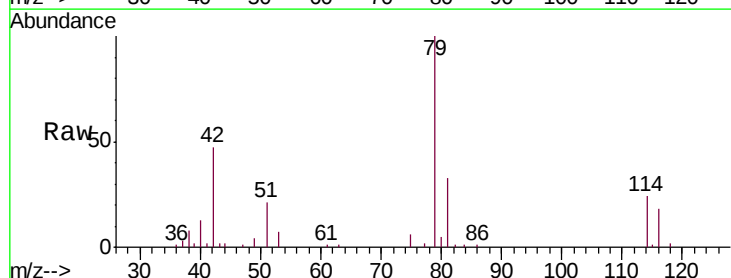
Instrument :
 MSVOA_W
 ClientSampleId :
 BEZY5

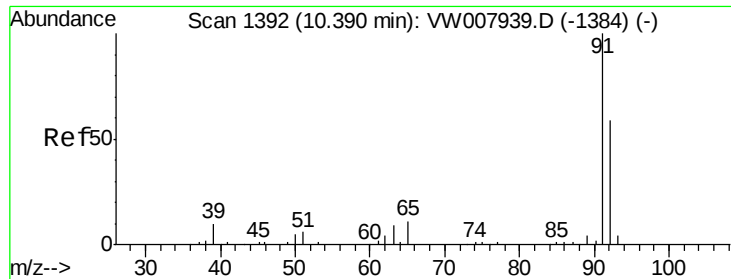
Tgt Ion: 63 Resp: 3818
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#42
 cis-1,3-Dichloropropene
 Concen: 0.482 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW007951.D
 Acq: 27 Dec 2018 05:27

Tgt Ion: 75 Resp: 715
 Ion Ratio Lower Upper
 75 100
 77 24.7 23.0 42.8





#44

Toluene

Concen: 0.307 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW007951.D

Acq: 27 Dec 2018 05:27

Instrument :

MSVOA_W

ClientSampled :

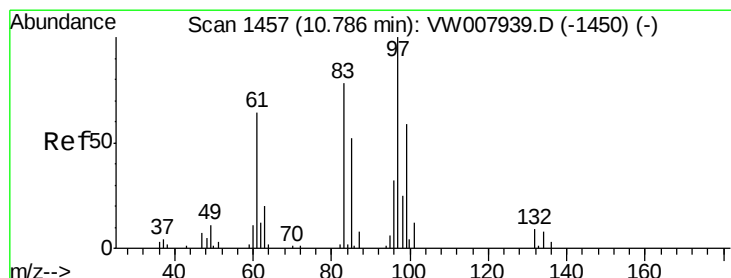
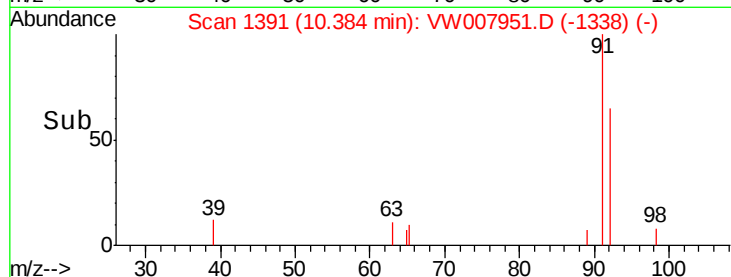
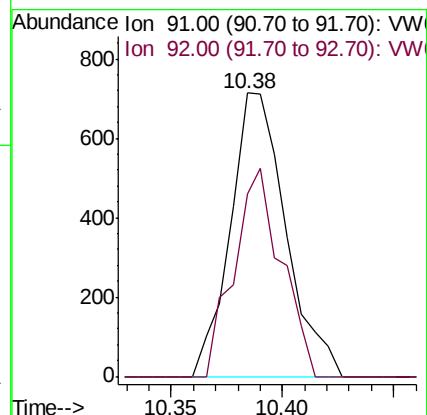
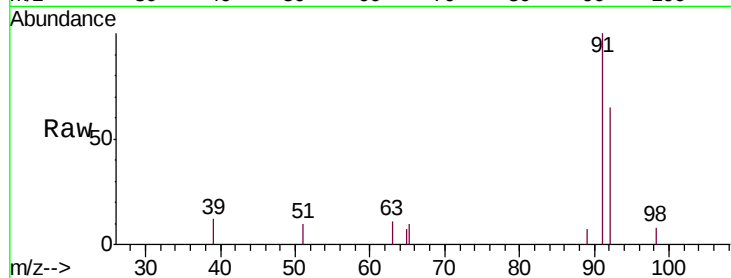
BEZY5

Tgt Ion: 91 Resp: 1242

Ion Ratio Lower Upper

91 100

92 64.6 39.6 73.6



#46

1,1,2-Trichloroethane

Concen: 1.784 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.08 min

Lab File: VW007951.D

Acq: 27 Dec 2018 05:27

Tgt Ion: 97 Resp: 1283

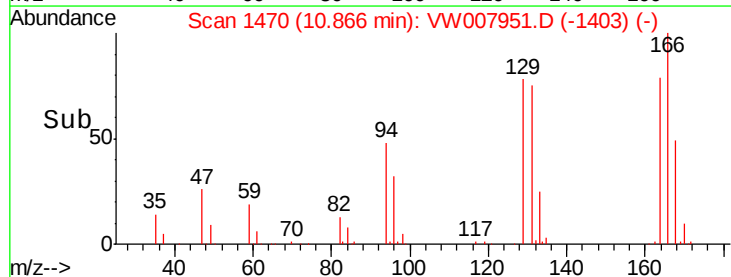
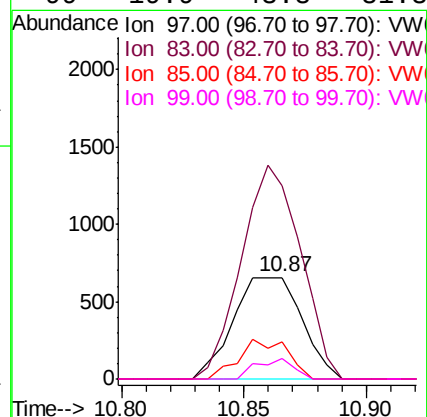
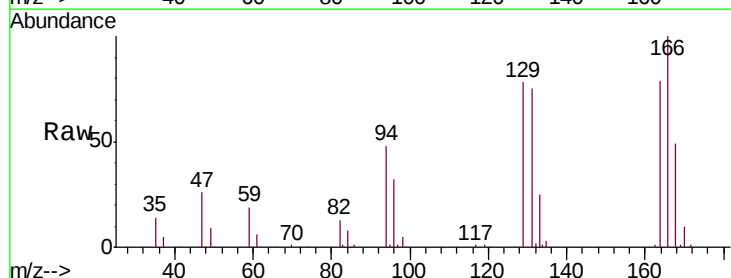
Ion Ratio Lower Upper

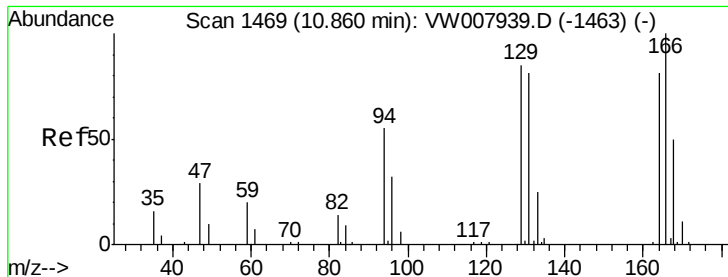
97 100

83 190.0 58.4 108.6#

85 37.0 36.4 67.6

99 19.9 43.8 81.3#





#47

Tetrachloroethene

Concen: 145.352 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW007951.D

Acq: 27 Dec 2018 05:27

Instrument :

MSVOA_W

ClientSampled :

BEZY5

Tgt Ion:164 Resp: 121309

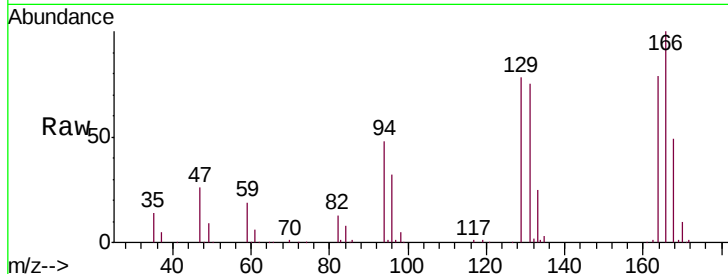
Ion Ratio Lower Upper

164 100

129 99.4 70.6 131.2

131 94.9 66.5 123.5

166 127.2 87.7 162.9

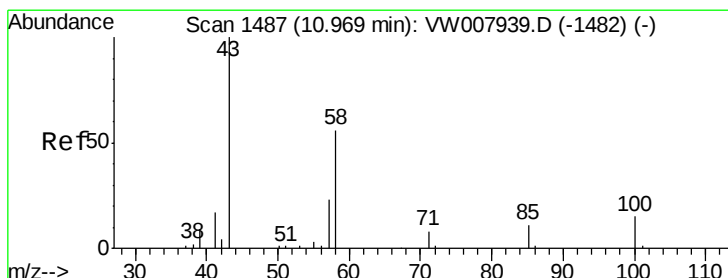
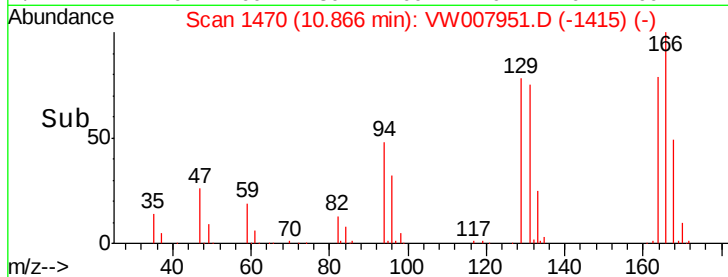
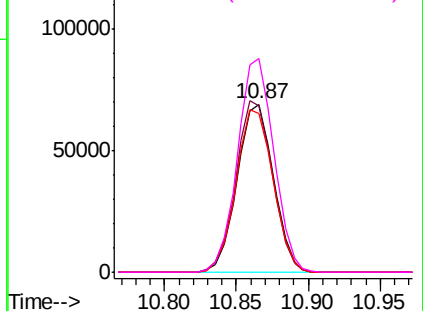


Abundance Ion 164.00 (163.70 to 164.70): V

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: 15.910 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW007951.D

Acq: 27 Dec 2018 05:27

Tgt Ion: 43 Resp: 7721

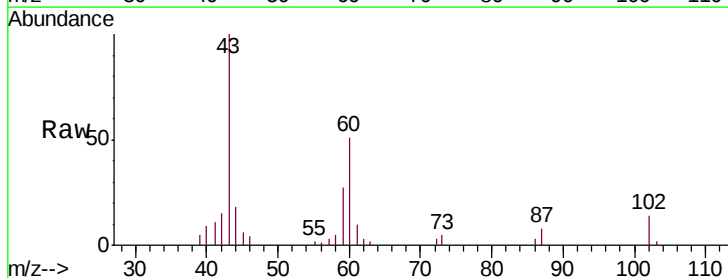
Ion Ratio Lower Upper

43 100

58 5.6 46.2 69.4#

57 2.7 17.9 26.9#

100 0.0 11.4 17.2#

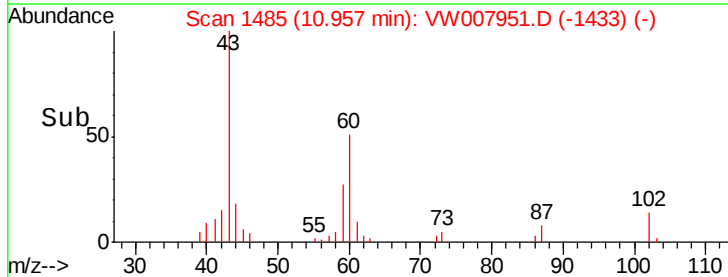
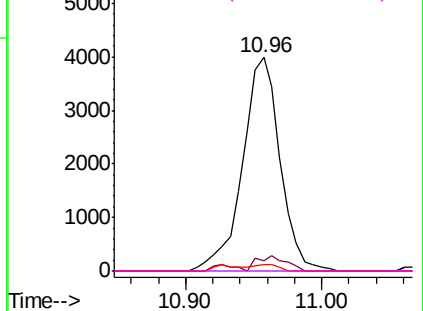


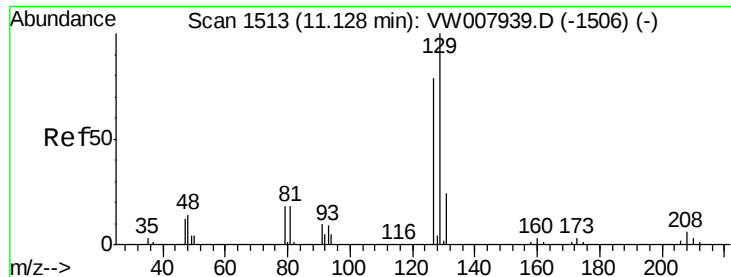
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 135.838 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW007951.D

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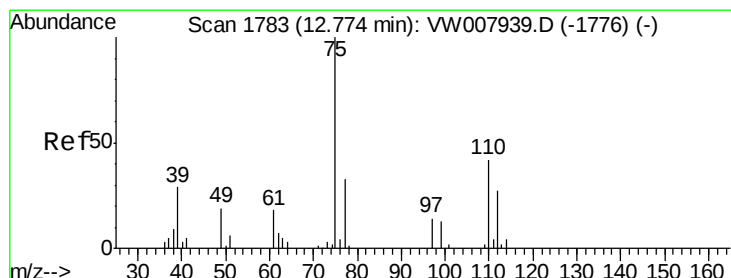
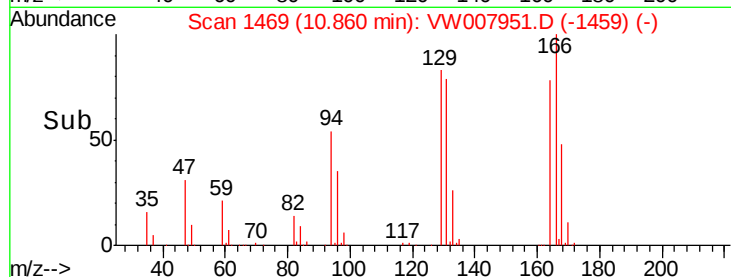
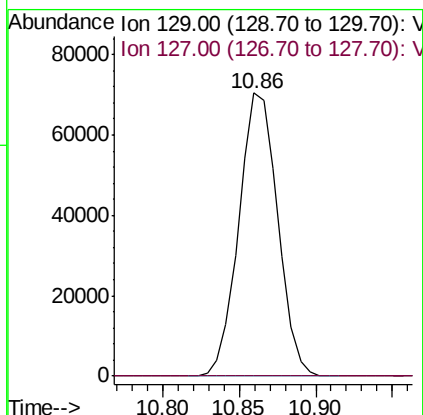
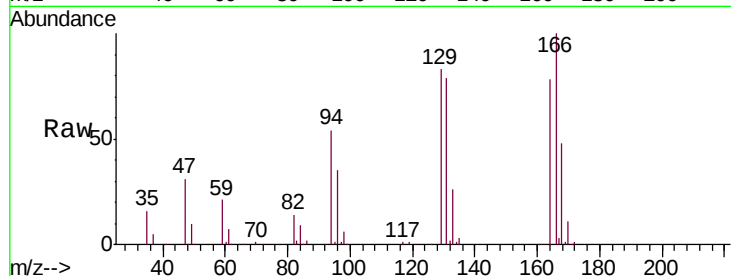
BEZY5

Tgt Ion:129 Resp: 124432

Ion Ratio Lower Upper

129 100

127 0.0 55.8 103.6#



#59

1,2,3-Trichloropropane

Concen: 3.267 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW007951.D

Acq: 27 Dec 2018 05:27

Tgt Ion: 75 Resp: 2343

Ion Ratio Lower Upper

75 100

77 41.0 25.5 38.3#

