

Data File : VW007945.D
Acq On : 27 Dec 2018 02:52
Operator : SY/AP
Sample : J6506-05
Misc : 5.44G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BEZY4

Quant Time: Dec 27 03:27:38 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	94615	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	80086	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	29291	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	22904	24.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.24%
7) Chloroethane-d5	2.89	69	15837	25.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.84%
10) 1,1-Dichloroethene-d2	4.01	63	45678	18.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.40%
20) 2-Butanone-d5	7.08	46	13531	34.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.06%
24) Chloroform-d	7.65	84	61518	24.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.76%
26) 1,2-Dichloroethane-d4	8.31	65	40268	26.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.72%
29) Benzene-d6	8.27	84	117128	26.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.32%
33) 1,2-Dichloropropane-d6	9.27	67	33174	27.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.60%
37) Toluene-d8	10.32	98	105781	24.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.68%
38) trans-1,3-Dichloropropene-	10.58	79	17168	24.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.92%
39) 2-Hexanone-d5	10.93	63	11922	38.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	28337	24.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	26655	22.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.12%

Target Compounds

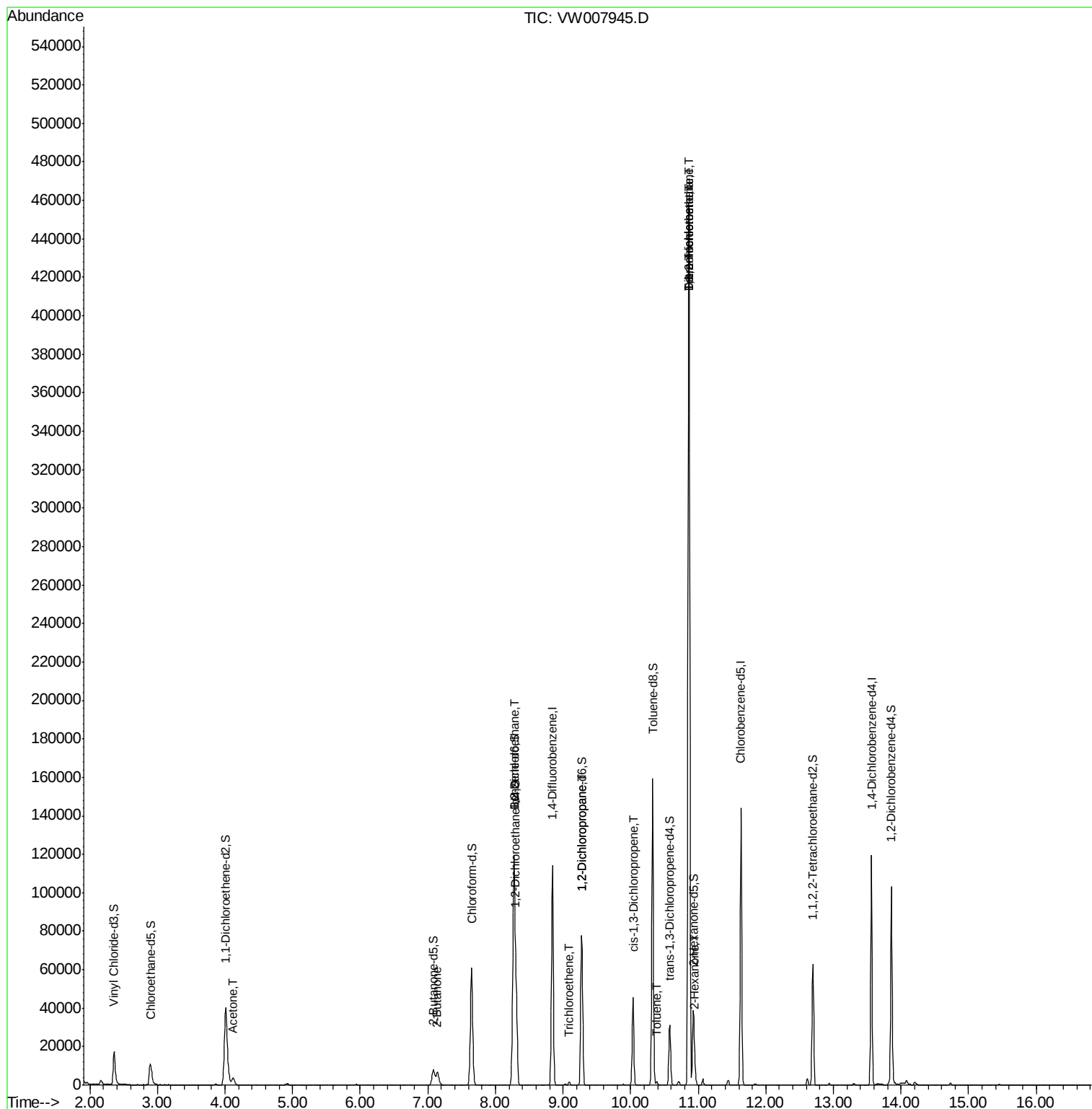
					Qvalue
13) Acetone	4.12	43	5969	15.364 ug/L	97
21) 2-Butanone	7.13	43	2949	6.671 ug/L #	46
27) 1,2-Dichloroethane	8.27	62	838	0.514 ug/L #	80
35) Trichloroethene	9.09	95	564	0.453 ug/L	89
40) 1,2-Dichloropropane	9.27	63	4416	4.384 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	1272	0.723 ug/L #	63
44) Toluene	10.39	91	1776	0.370 ug/L	91
46) 1,1,2-Trichloroethane	10.86	97	1059	1.243 ug/L #	27
47) Tetrachloroethene	10.87	164	99097	100.173 ug/L	97
49) 2-Hexanone	10.95	43	2934	5.101 ug/L #	40
50) Dibromochloromethane	10.86	129	101700	93.664 ug/L #	10

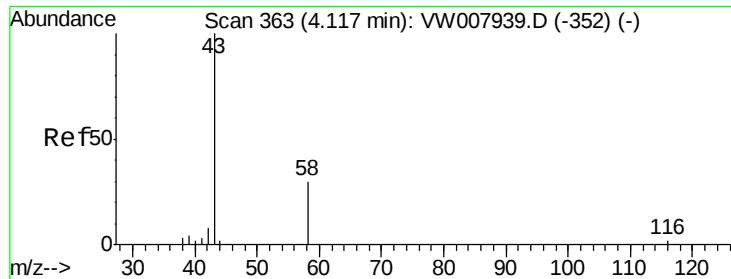
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 15.364 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW007945.D

Acq: 27 Dec 2018 02:52

Instrument :

MSVOA_W

ClientSampleId :

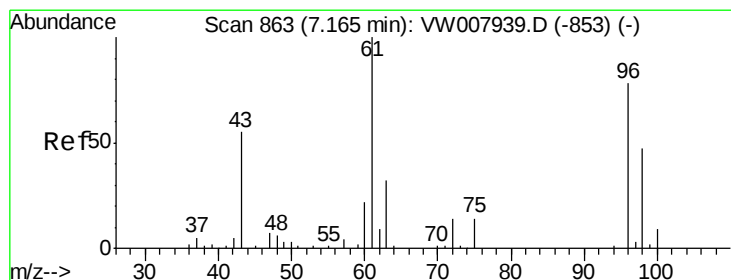
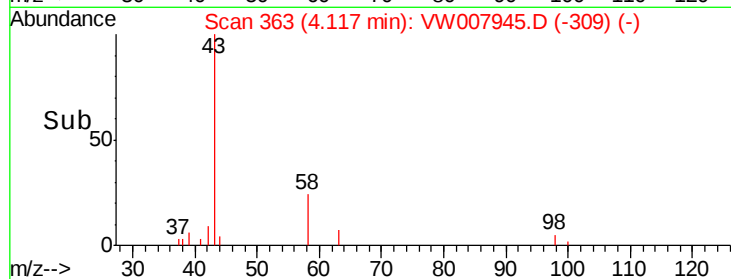
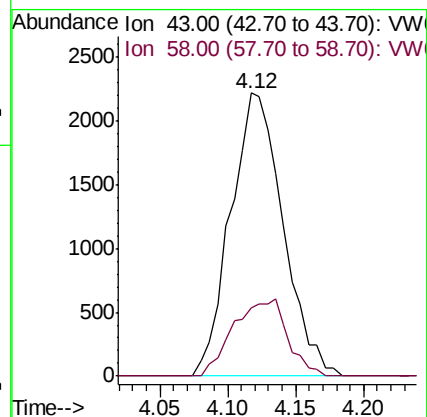
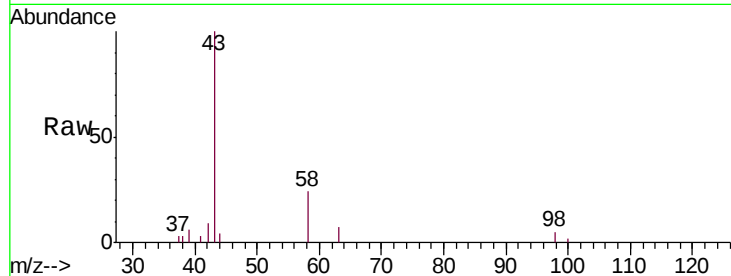
BEZY4

Tgt Ion: 43 Resp: 5969

Ion Ratio Lower Upper

43 100

58 27.9 0.0 58.6



#21

2-Butanone

Concen: 6.671 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW007945.D

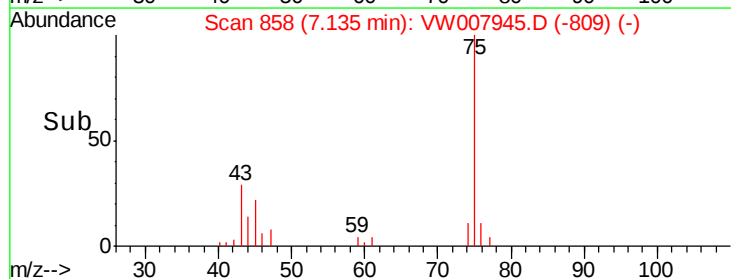
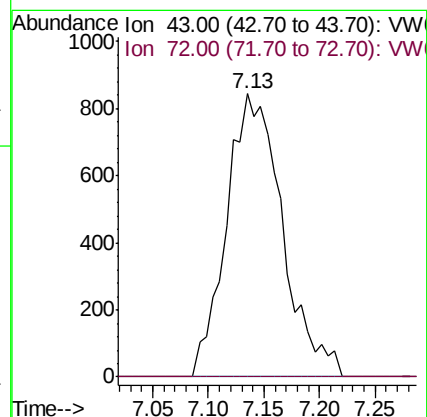
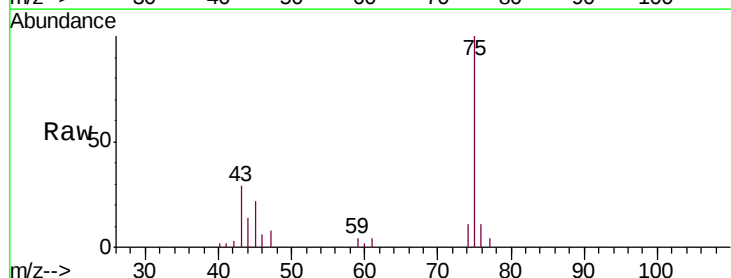
Acq: 27 Dec 2018 02:52

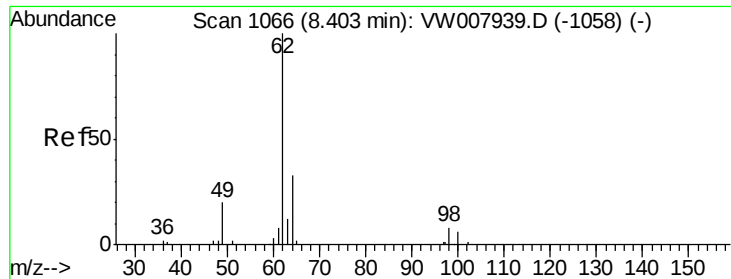
Tgt Ion: 43 Resp: 2949

Ion Ratio Lower Upper

43 100

72 0.0 14.4 43.4#





#27

1,2-Dichloroethane

Concen: 0.514 ug/L

RT: 8.27 min Scan# 1045

Delta R.T. -0.13 min

Lab File: VW007945.D

Acq: 27 Dec 2018 02:52

Instrument :

MSVOA_W

ClientSampleId :

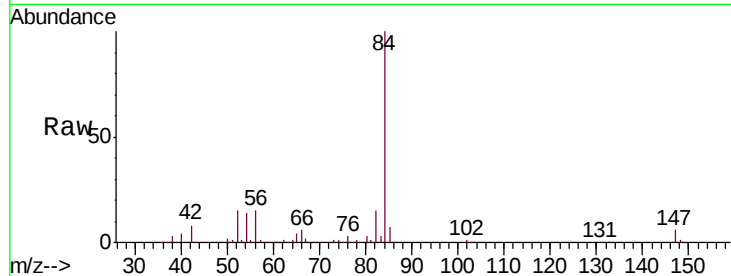
BEZY4

Tgt Ion: 62 Resp: 838

Ion Ratio Lower Upper

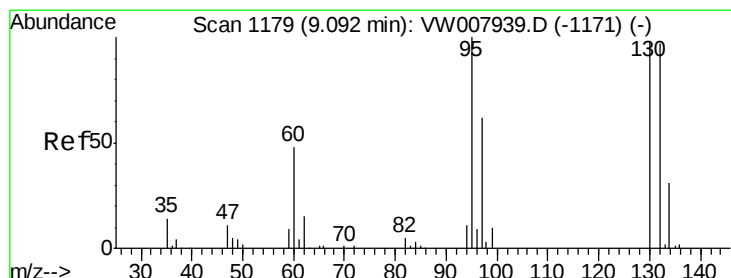
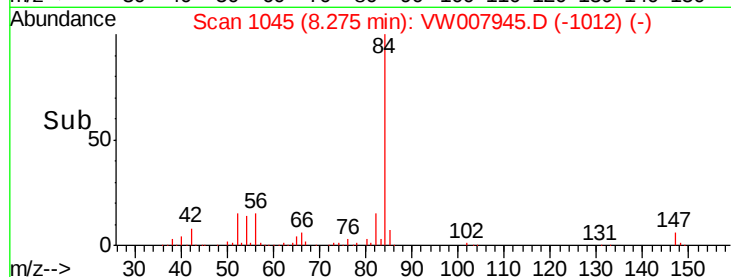
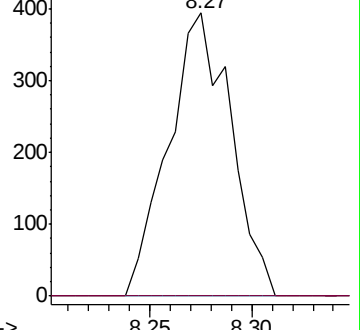
62 100

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: 0.453 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW007945.D

Acq: 27 Dec 2018 02:52

Tgt Ion: 95 Resp: 564

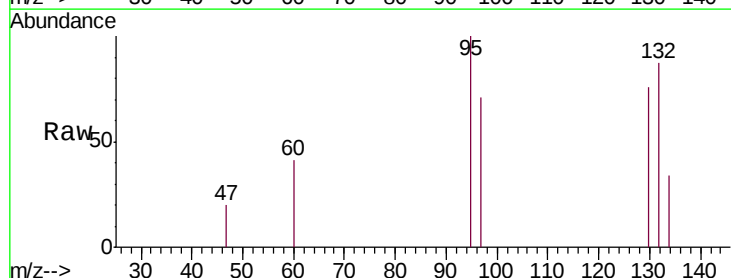
Ion Ratio Lower Upper

95 100

97 70.0 44.4 82.5

132 109.8 67.8 126.0

130 90.4 70.3 130.7

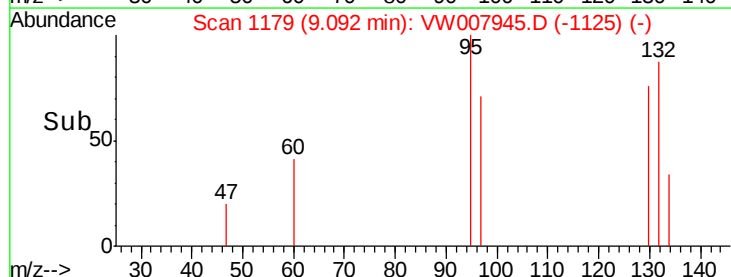
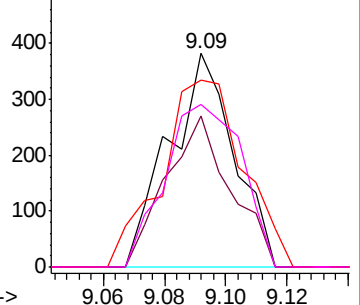


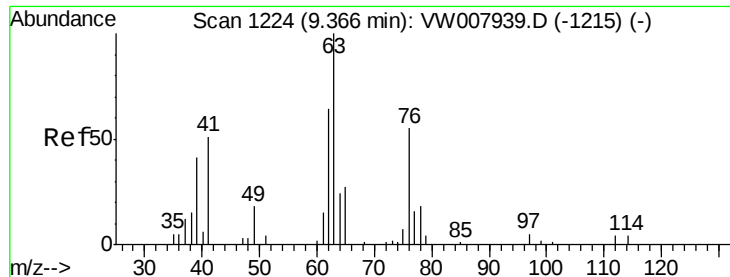
Abundance Ion 95.00 (94.70 to 95.70): VW

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

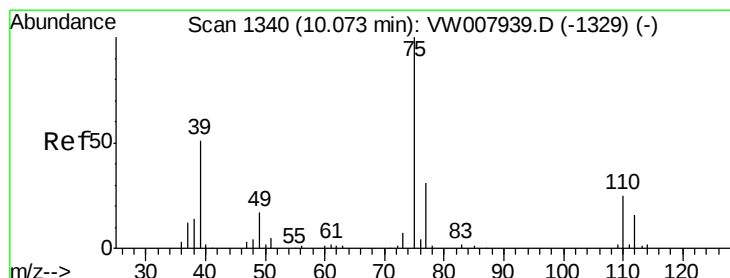
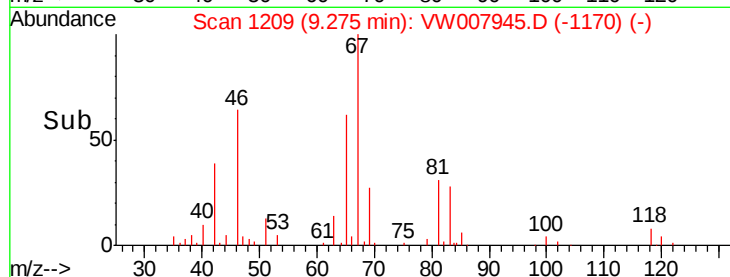
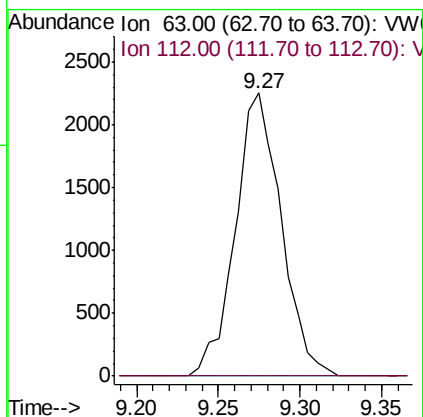
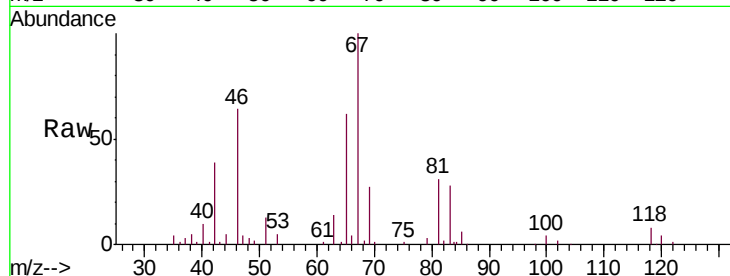




#40
 1,2-Dichloropropane
 Concen: 4.384 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW007945.D
 Acq: 27 Dec 2018 02:52

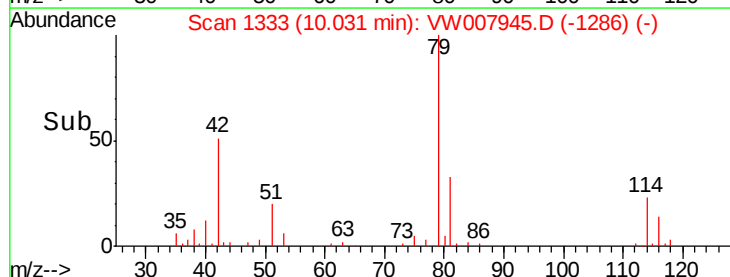
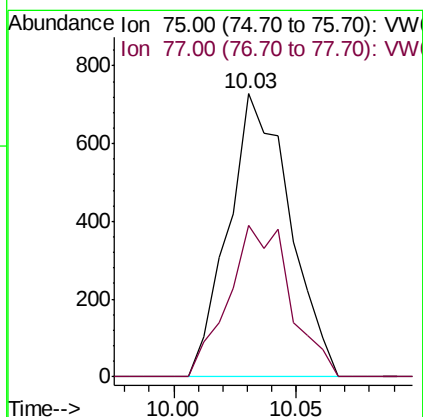
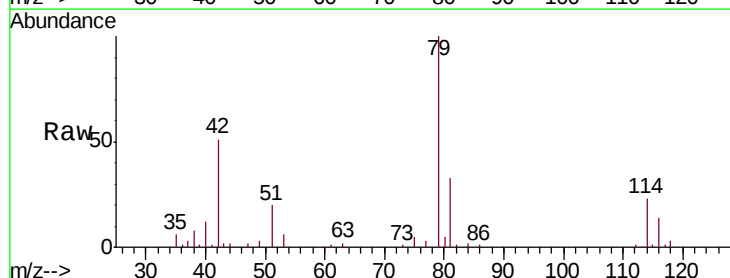
Instrument :
 MSVOA_W
 ClientSampled :
 BEZY4

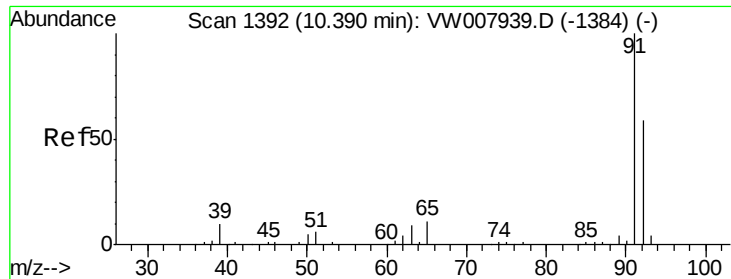
Tgt Ion: 63 Resp: 4416
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#42
 cis-1,3-Dichloropropene
 Concen: 0.723 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW007945.D
 Acq: 27 Dec 2018 02:52

Tgt Ion: 75 Resp: 1272
 Ion Ratio Lower Upper
 75 100
 77 53.7 23.0 42.8#





#44

Toluene

Concen: 0.370 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007945.D

Acq: 27 Dec 2018 02:52

Instrument :

MSVOA_W

ClientSampled :

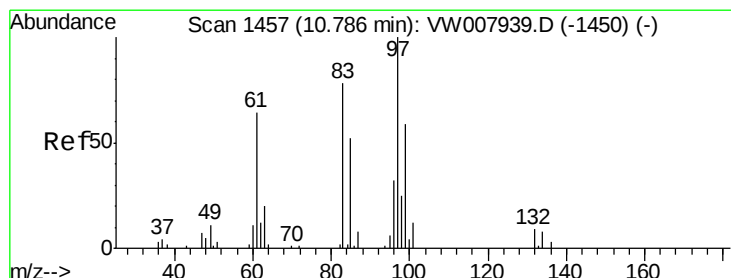
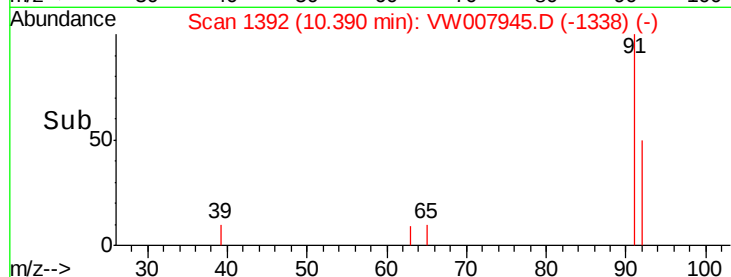
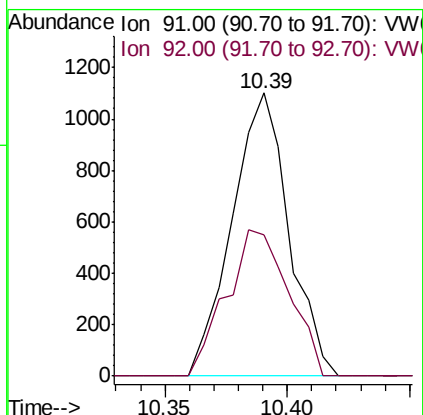
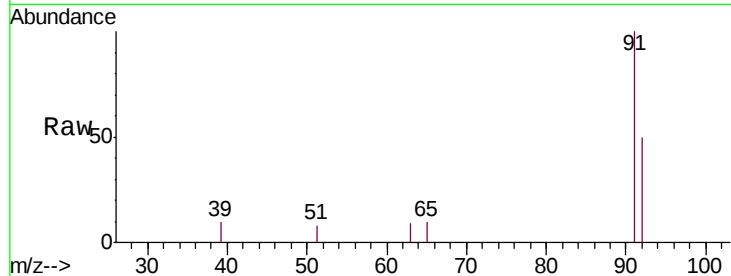
BEZY4

Tgt Ion: 91 Resp: 1776

Ion Ratio Lower Upper

91 100

92 50.1 39.6 73.6



#46

1,1,2-Trichloroethane

Concen: 1.243 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.07 min

Lab File: VW007945.D

Acq: 27 Dec 2018 02:52

Tgt Ion: 97 Resp: 1059

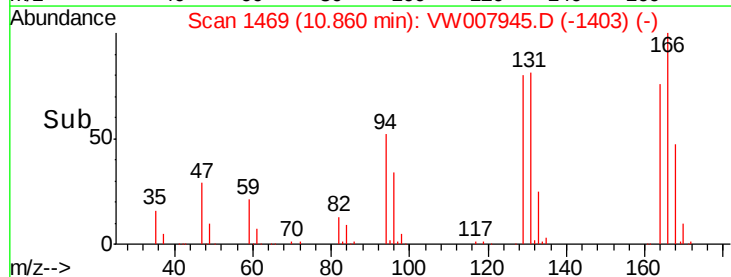
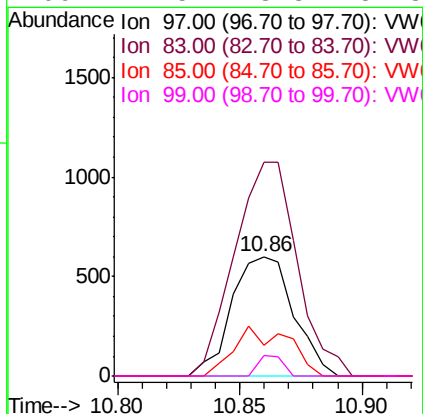
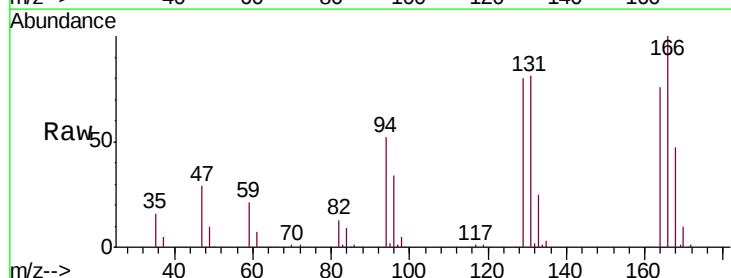
Ion Ratio Lower Upper

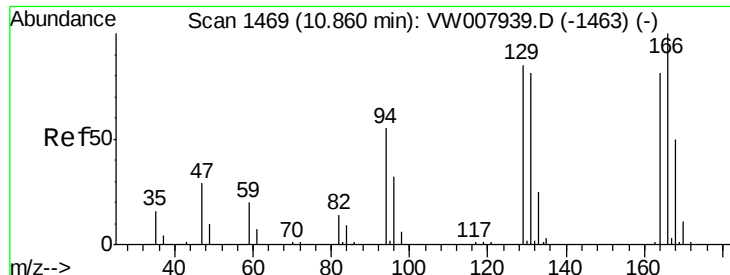
97 100

83 178.5 58.4 108.6#

85 25.5 36.4 67.6#

99 17.5 43.8 81.3#





#47

Tetrachloroethene

Concen: 100.173 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW007945.D

Acq: 27 Dec 2018 02:52

Instrument :

MSVOA_W

ClientSampleId :

BEZY4

Tgt Ion:164 Resp: 99097

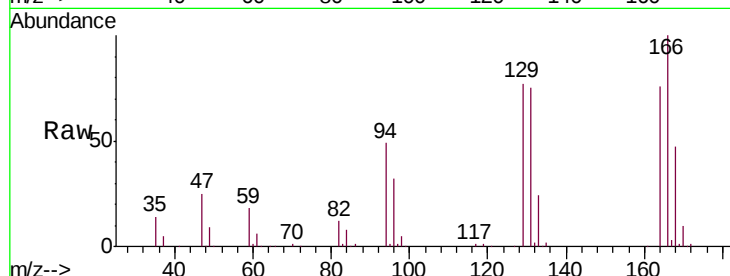
Ion Ratio Lower Upper

164 100

129 100.3 70.6 131.2

131 98.2 66.5 123.5

166 130.9 87.7 162.9

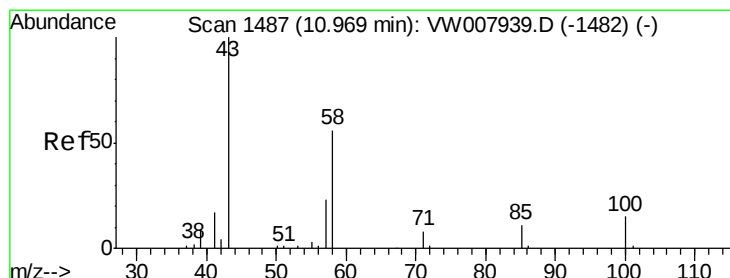
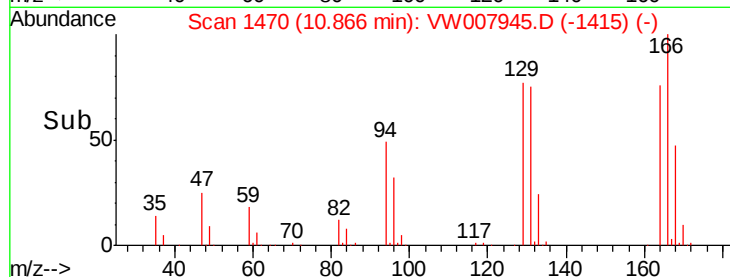
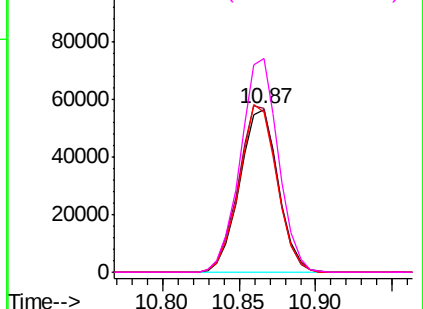


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.101 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW007945.D

Acq: 27 Dec 2018 02:52

Tgt Ion: 43 Resp: 2934

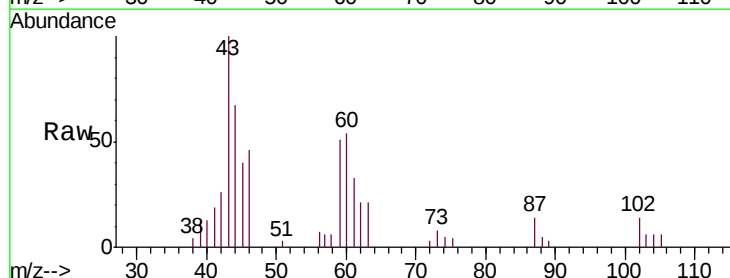
Ion Ratio Lower Upper

43 100

58 4.9 46.2 69.4#

57 0.0 17.9 26.9#

100 0.0 11.4 17.2#

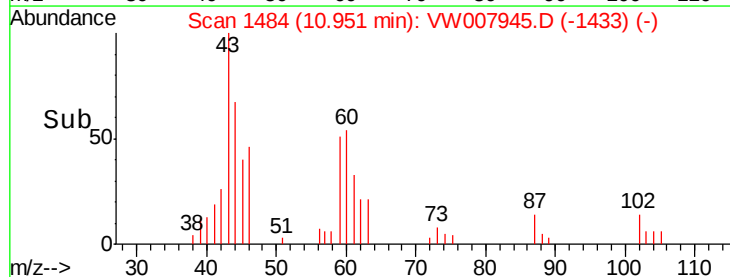
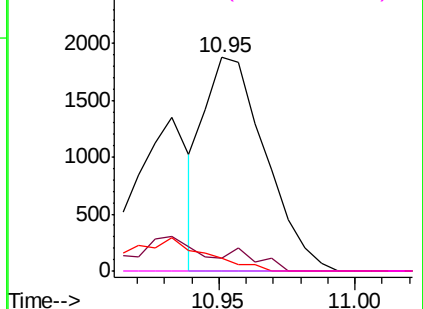


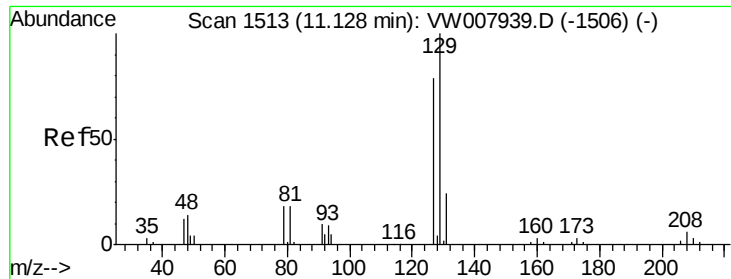
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 93.664 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

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Acq: 27 Dec 2018 02:52

Instrument :

MSVOA_W

ClientSampleId :

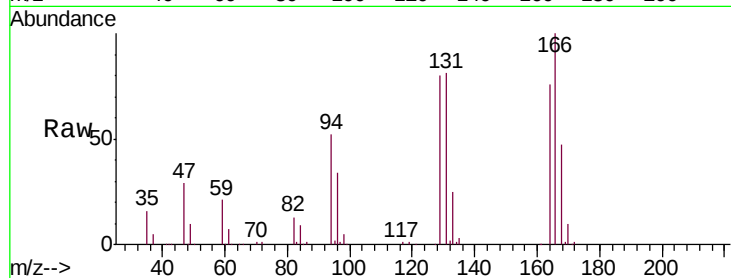
BEZY4

Tgt Ion:129 Resp: 101700

Ion Ratio Lower Upper

129 100

127 0.3 55.8 103.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

