

Data File : VW007943.D
Acq On : 27 Dec 2018 02:00
Operator : SY/AP
Sample : J6506-03
Misc : 4.92G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BEZY0

Quant Time: Dec 27 03:09:18 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	85820	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	56044	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	10934	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	23182	27.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.64%
7) Chloroethane-d5	2.90	69	15894	27.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.56%
10) 1,1-Dichloroethene-d2	4.01	63	45560	19.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.60%
20) 2-Butanone-d5	7.08	46	14969	41.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.00%
24) Chloroform-d	7.65	84	60869	26.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.64%
26) 1,2-Dichloroethane-d4	8.30	65	38668	28.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.00%
29) Benzene-d6	8.27	84	111301	35.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	141.64%#
33) 1,2-Dichloropropane-d6	9.27	67	31143	36.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	145.72%#
37) Toluene-d8	10.32	98	83293	27.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.80%
38) trans-1,3-Dichloropropene-	10.58	79	15801	32.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	128.76%
39) 2-Hexanone-d5	10.93	63	11941	54.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	20891	25.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	11147	25.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.96%

Target Compounds

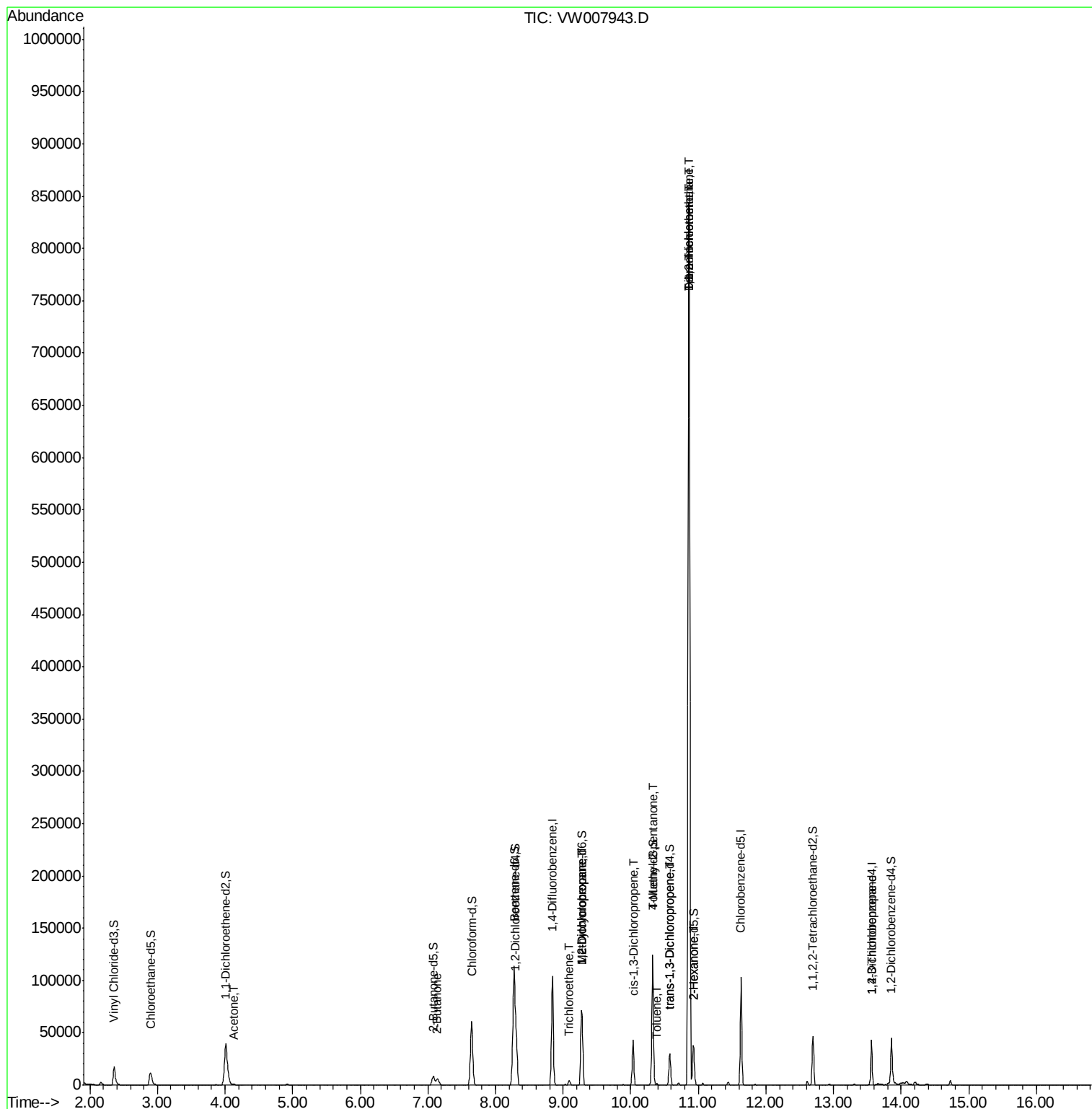
						Qvalue
13) Acetone	4.12	43	981	2.784	ug/L	96
21) 2-Butanone	7.14	43	885	2.207	ug/L #	46
35) Trichloroethene	9.09	95	1471	1.688	ug/L	95
36) Methylcyclohexane	9.27	83	8451	5.656	ug/L #	19
40) 1,2-Dichloropropane	9.27	63	4014	5.694	ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	1180	0.959	ug/L #	60
43) 4-Methyl-2-pentanone	10.32	43	369	0.661	ug/L #	1
44) Toluene	10.39	91	1453	0.433	ug/L	90
45) trans-1,3-Dichloropropene	10.58	75	753	0.664	ug/L	88
46) 1,1,2-Trichloroethane	10.86	97	1905	3.194	ug/L #	27
47) Tetrachloroethene	10.87	164	186422	269.288	ug/L	98
49) 2-Hexanone	10.93	43	2642	6.563	ug/L #	59
50) Dibromochloromethane	10.86	129	191947	252.617	ug/L #	10
59) 1,2,3-Trichloropropane	13.55	75	1235	2.076	ug/L #	85

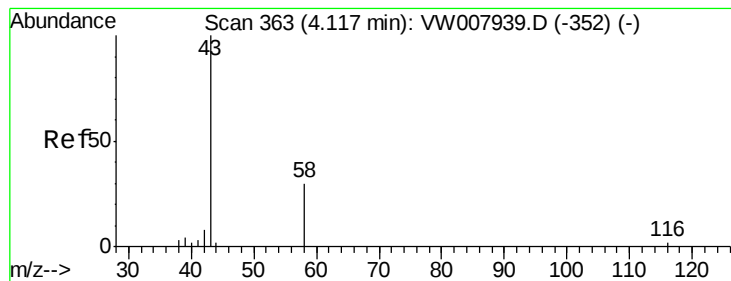
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.784 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007943.D

Acq: 27 Dec 2018 02:00

Instrument :

MSVOA_W

ClientSampled :

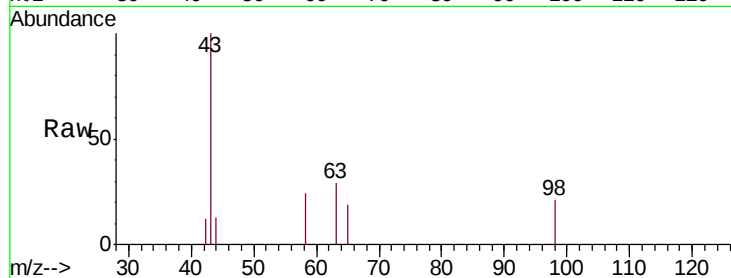
BEZY0

Tgt Ion: 43 Resp: 981

Ion Ratio Lower Upper

43 100

58 27.1 0.0 58.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

400

300

200

100

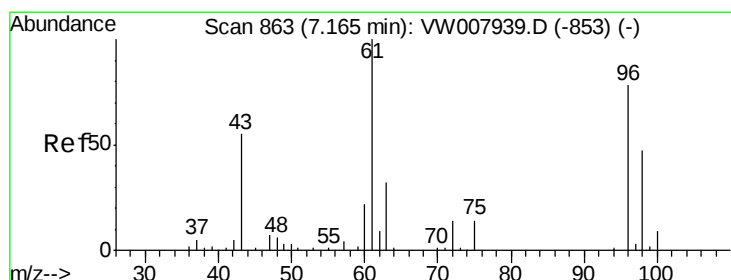
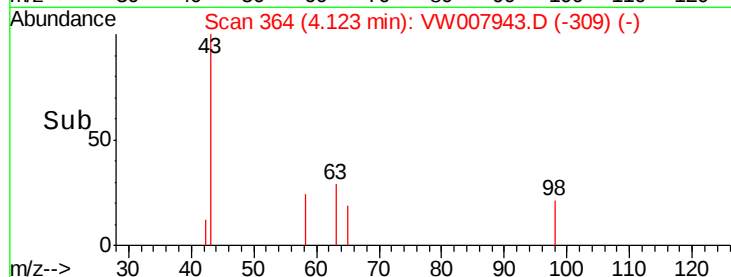
0

4.05

4.10

4.15

Time-->



#21

2-Butanone

Concen: 2.207 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW007943.D

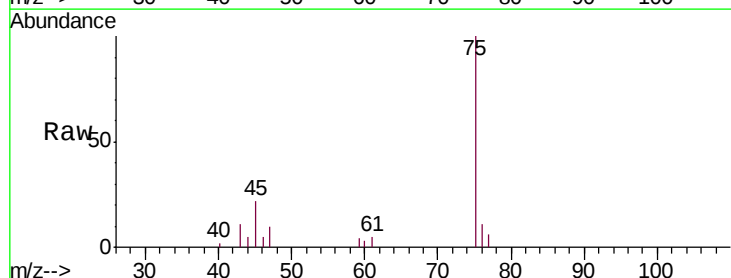
Acq: 27 Dec 2018 02:00

Tgt Ion: 43 Resp: 885

Ion Ratio Lower Upper

43 100

72 0.0 14.4 43.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.14

400

300

200

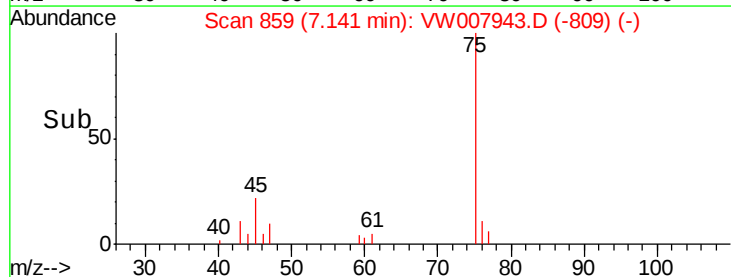
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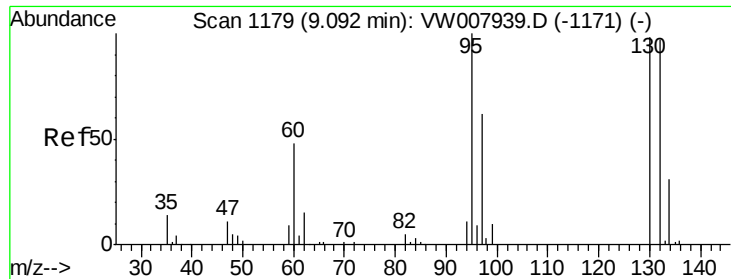
0

7.10

7.15

Time-->





#35

Trichloroethene

Concen: 1.688 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007943.D

Acq: 27 Dec 2018 02:00

Instrument :

MSVOA_W

ClientSampleId :

BEZY0

Tgt Ion: 95 Resp: 1471

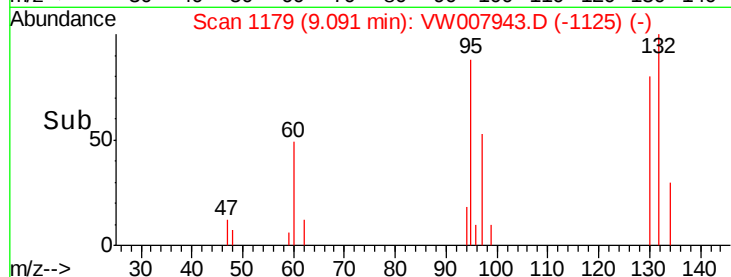
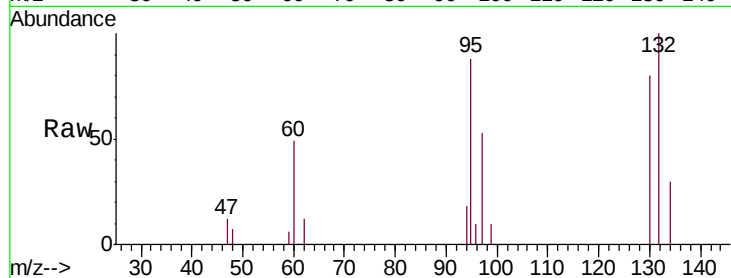
Ion Ratio Lower Upper

95 100

97 66.6 44.4 82.5

132 105.3 67.8 126.0

130 103.9 70.3 130.7

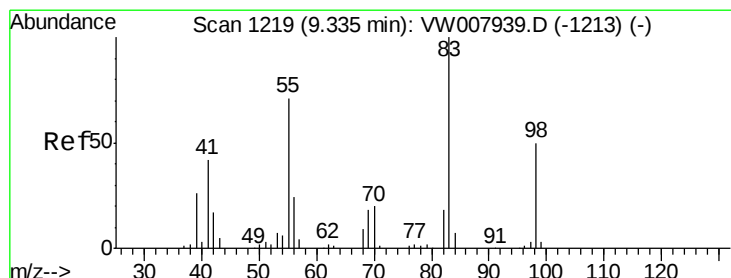
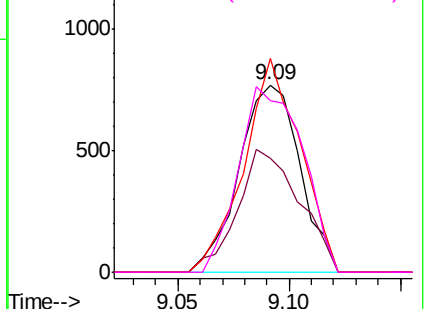


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#36

Methylcyclohexane

Concen: 5.656 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW007943.D

Acq: 27 Dec 2018 02:00

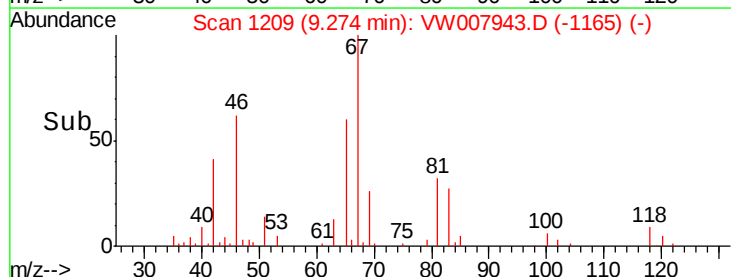
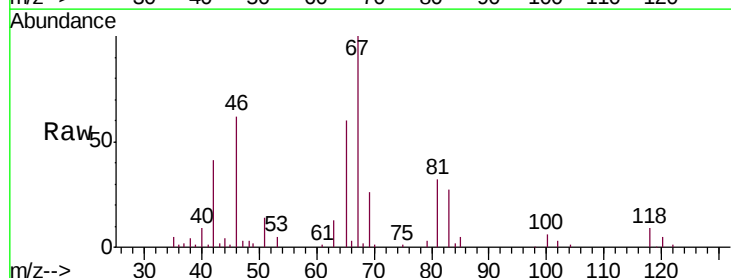
Tgt Ion: 83 Resp: 8451

Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.0#

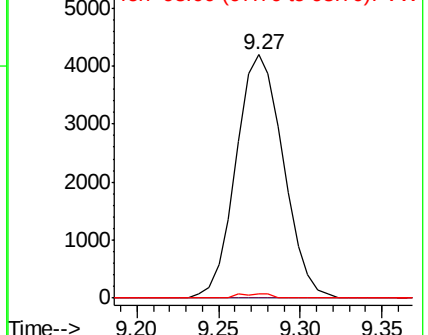
98 0.6 38.2 57.2#

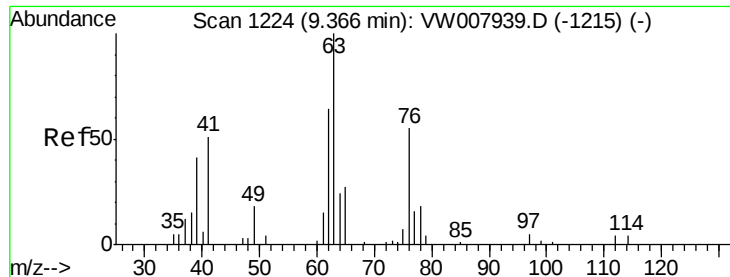


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

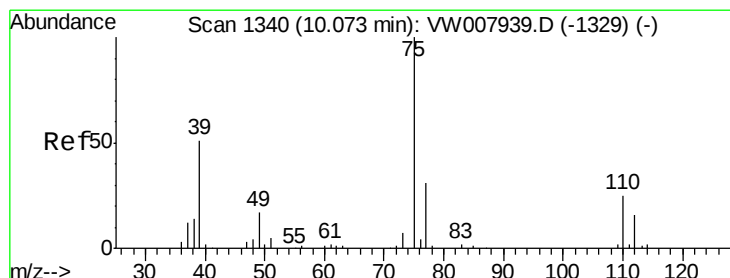
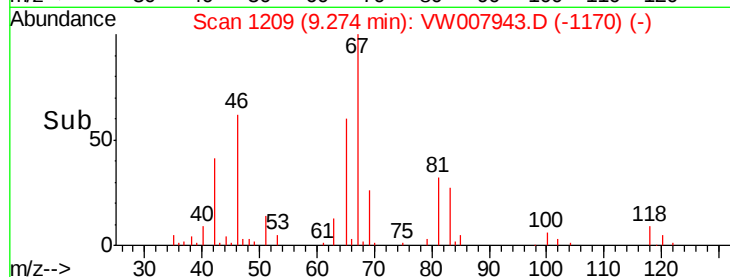
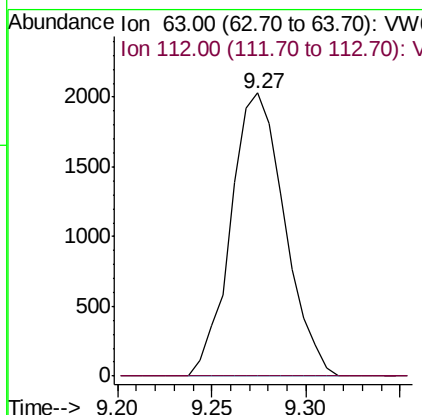
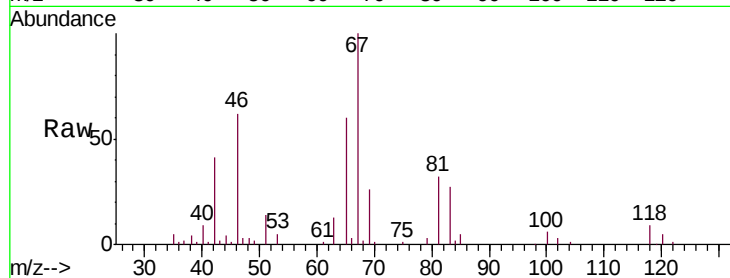




#40
 1,2-Dichloropropane
 Concen: 5.694 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW007943.D
 Acq: 27 Dec 2018 02:00

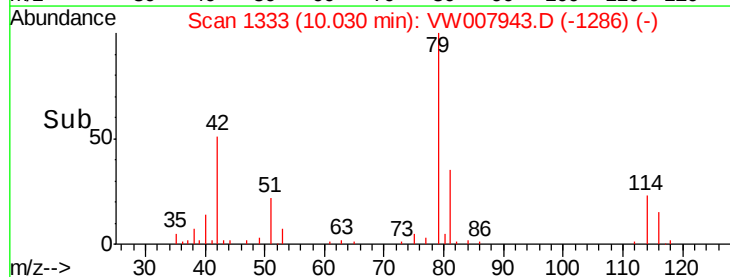
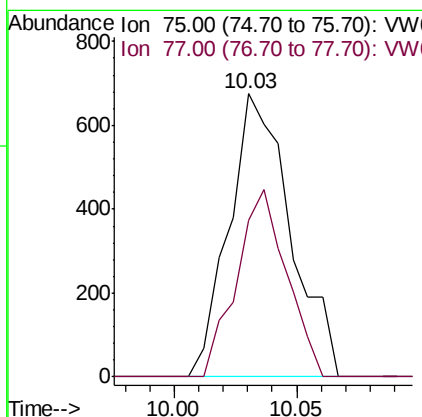
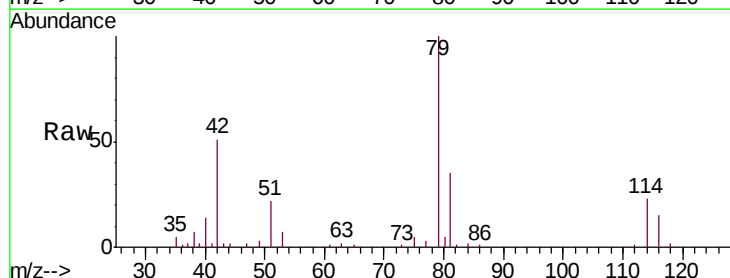
Instrument :
 MSVOA_W
 ClientSampleId :
 BEZY0

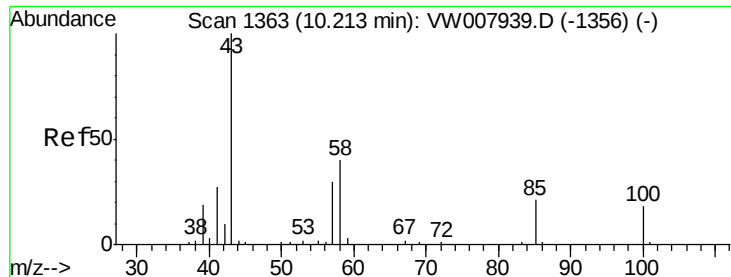
Tgt Ion: 63 Resp: 4014
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#42
 cis-1,3-Dichloropropene
 Concen: 0.959 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW007943.D
 Acq: 27 Dec 2018 02:00

Tgt Ion: 75 Resp: 1180
 Ion Ratio Lower Upper
 75 100
 77 55.6 23.0 42.8#

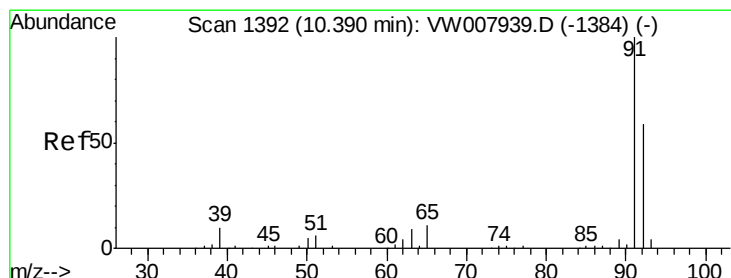
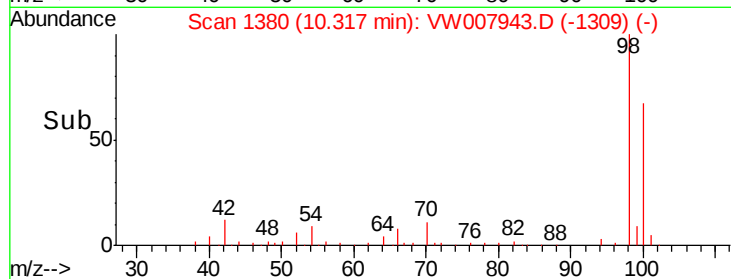
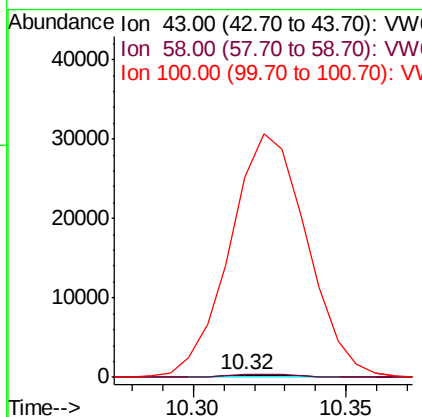
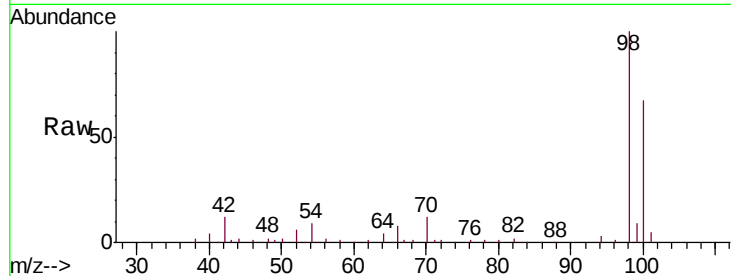




#43
4-Methyl-2-pentanone
Concen: 0.661 ug/L
RT: 10.32 min Scan# 1380
Delta R.T. 0.10 min
Lab File: VW007943.D
Acq: 27 Dec 2018 02:00

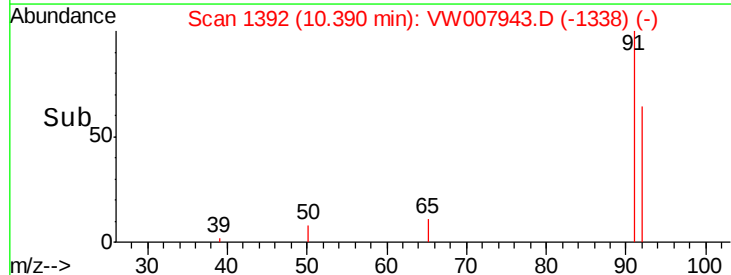
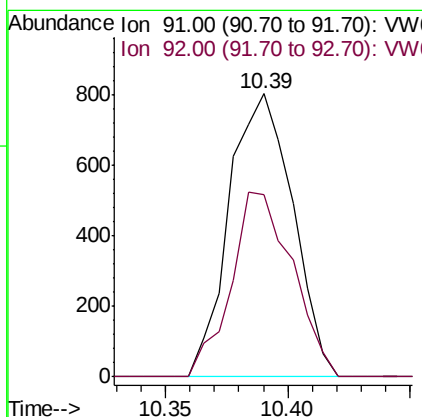
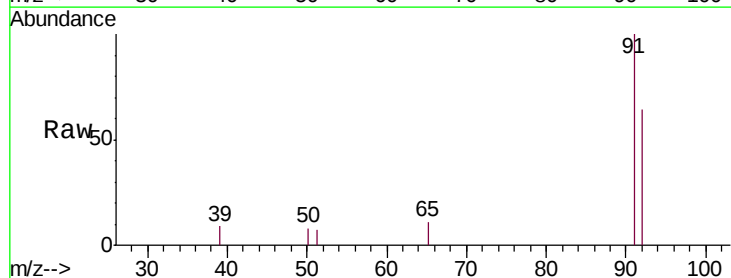
Instrument :
MSVOA_W
ClientSampled :
BEZY0

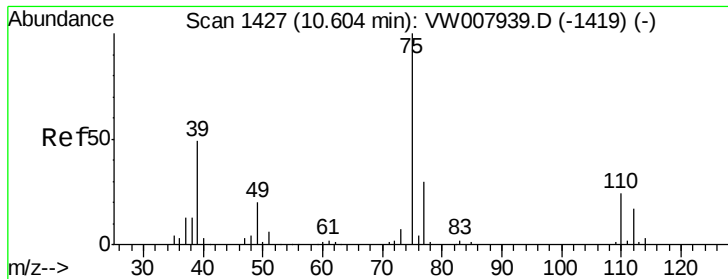
Tgt Ion: 43 Resp: 369
Ion Ratio Lower Upper
43 100
58 166.1 31.1 46.7#
100 14611.4 14.0 21.0#



#44
Toluene
Concen: 0.433 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007943.D
Acq: 27 Dec 2018 02:00

Tgt Ion: 91 Resp: 1453
Ion Ratio Lower Upper
91 100
92 64.2 39.6 73.6





#45

trans-1,3-Dichloropropene

Concen: 0.664 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW007943.D

Acq: 27 Dec 2018 02:00

Instrument :

MSVOA_W

ClientSampled :

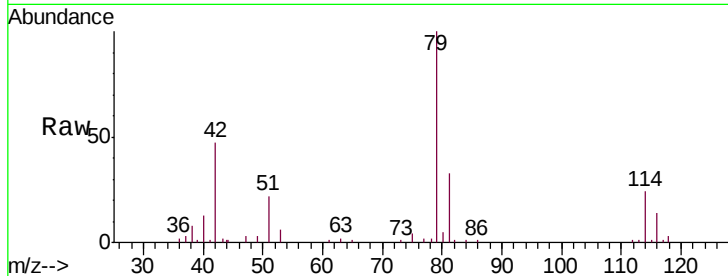
BEZY0

Tgt Ion: 75 Resp: 753

Ion Ratio Lower Upper

75 100

77 36.8 21.1 39.3



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.58

400

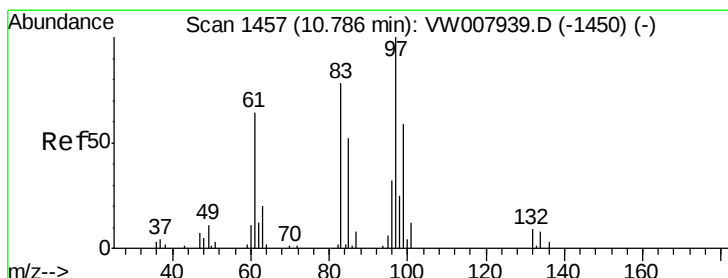
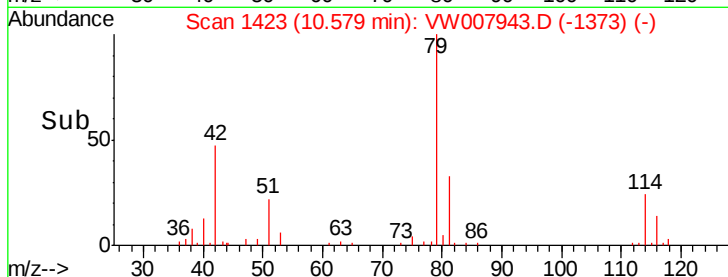
300

200

100

0

Time-->



#46

1,1,2-Trichloroethane

Concen: 3.194 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.07 min

Lab File: VW007943.D

Acq: 27 Dec 2018 02:00

Tgt Ion: 97 Resp: 1905

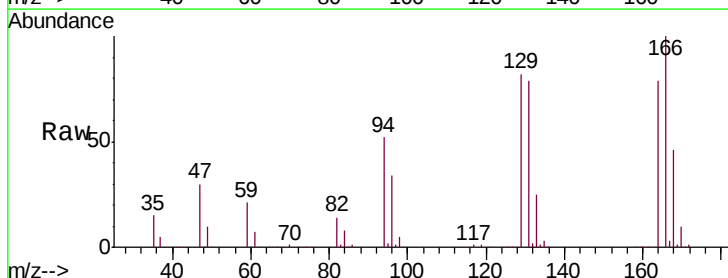
Ion Ratio Lower Upper

97 100

83 182.0 58.4 108.6#

85 31.2 36.4 67.6#

99 15.9 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

3000

2500

2000

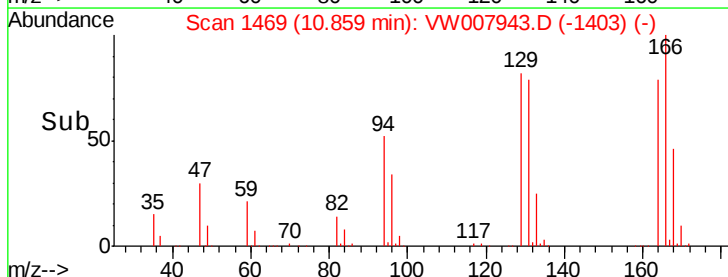
1500

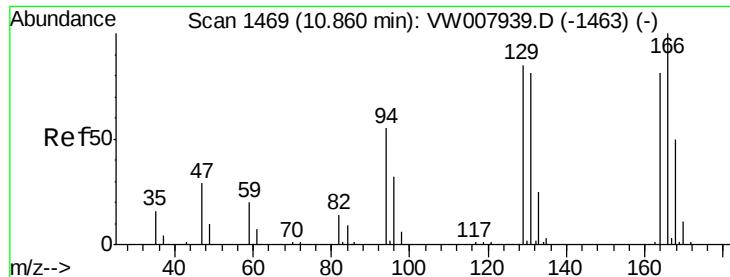
1000

500

0

Time-->





#47

Tetrachloroethene

Concen: 269.288 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW007943.D

Acq: 27 Dec 2018 02:00

Instrument :

MSVOA_W

ClientSampled :

BEZY0

Tgt Ion:164 Resp: 186422

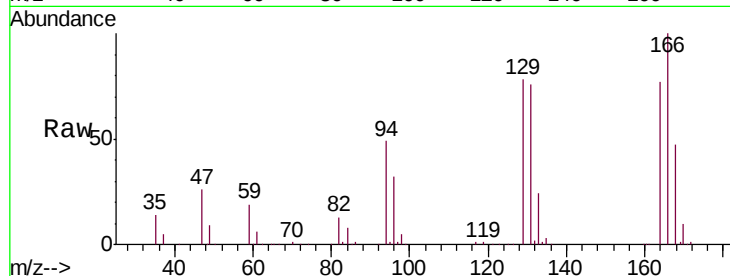
Ion Ratio Lower Upper

164 100

129 100.6 70.6 131.2

131 98.6 66.5 123.5

166 129.1 87.7 162.9

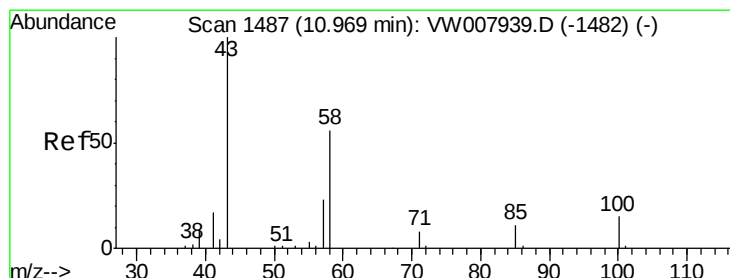
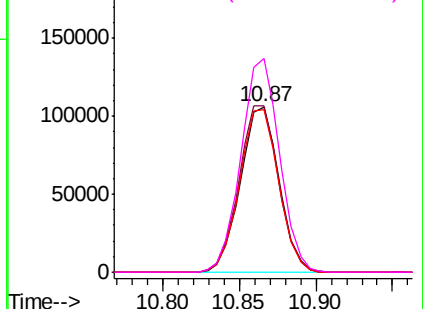
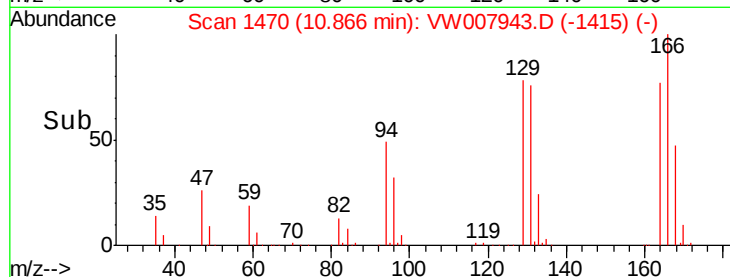


Abundance Ion 164.00 (163.70 to 164.70): V

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: 6.563 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW007943.D

Acq: 27 Dec 2018 02:00

Tgt Ion: 43 Resp: 2642

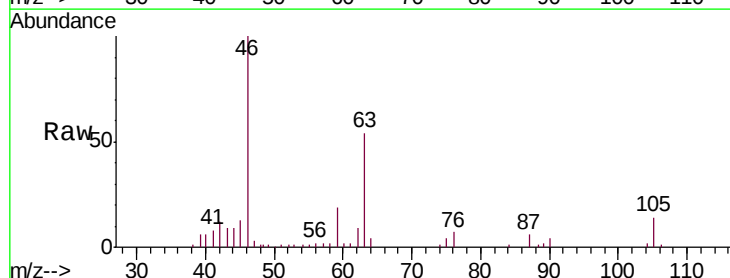
Ion Ratio Lower Upper

43 100

58 17.6 46.2 69.4#

57 16.3 17.9 26.9#

100 0.0 11.4 17.2#

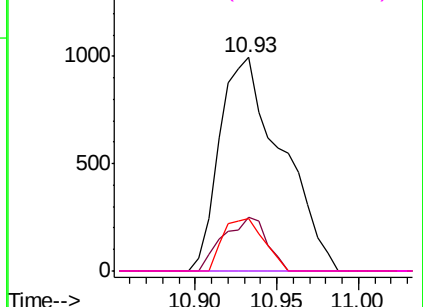
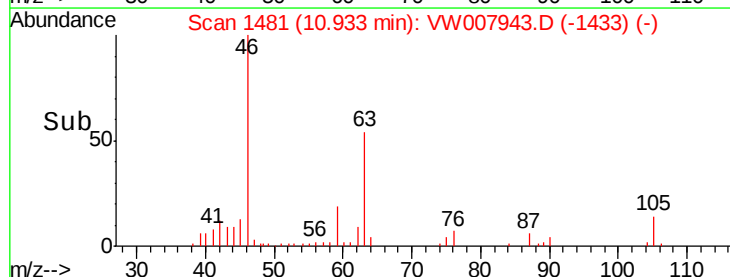


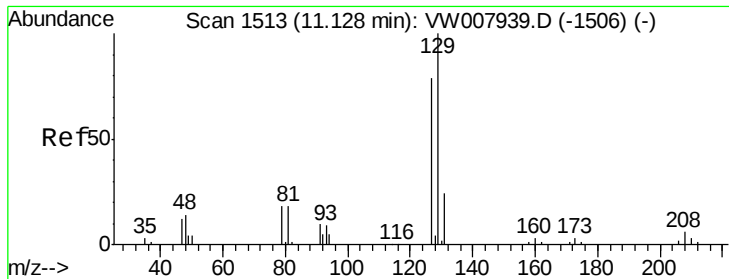
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 252.617 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW007943.D

Acq: 27 Dec 2018 02:00

Instrument :

MSVOA_W

ClientSampleId :

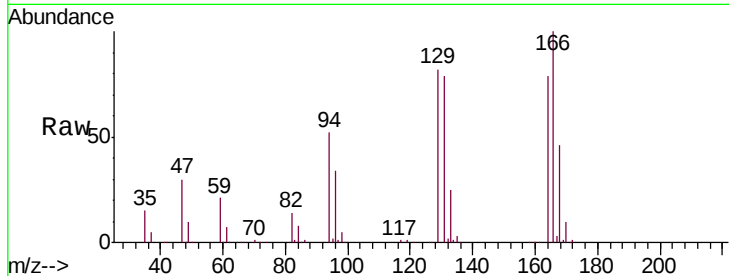
BEZY0

Tgt Ion:129 Resp: 191947

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

10.86

120000

100000

80000

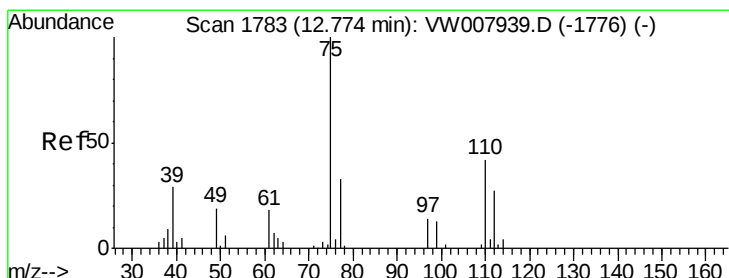
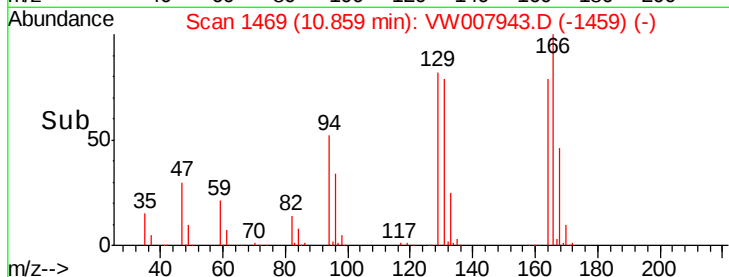
60000

40000

20000

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 2.076 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.78 min

Lab File: VW007943.D

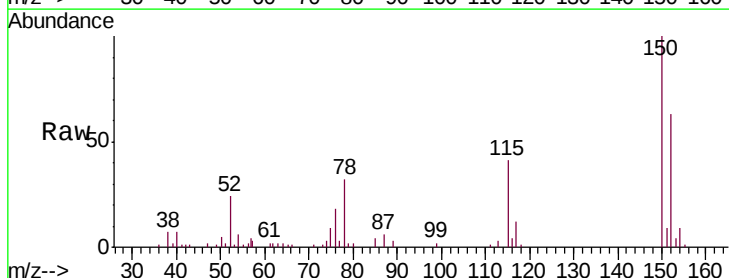
Acq: 27 Dec 2018 02:00

Tgt Ion: 75 Resp: 1235

Ion Ratio Lower Upper

75 100

77 40.4 25.5 38.3#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

13.55

800

600

400

200

0

Time-->

