

Data File : VW007979.D
Acq On : 27 Dec 2018 19:37
Operator : SY/AP
Sample : J6540-01
Misc : 5.41G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAEN4

Quant Time: Dec 28 06:00:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 28 05:56:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	38263	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	37744	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	17920	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	9259	24.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.24%
7) Chloroethane-d5	2.90	69	6774	26.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.64%
10) 1,1-Dichloroethene-d2	4.01	63	17787	17.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.68%
20) 2-Butanone-d5	7.07	46	13987	86.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	173.94%#
24) Chloroform-d	7.65	84	26357	25.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.56%
26) 1,2-Dichloroethane-d4	8.31	65	20131	32.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	131.92%#
29) Benzene-d6	8.27	84	49013	23.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.60%
33) 1,2-Dichloropropane-d6	9.27	67	14551	25.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.08%
37) Toluene-d8	10.32	98	46634	22.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.44%
38) trans-1,3-Dichloropropene-	10.58	79	9020	27.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.16%
39) 2-Hexanone-d5	10.93	63	12716	86.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	172.68%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	19500	35.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	140.76%#
61) 1,2-Dichlorobenzene-d4	13.86	152	19152	26.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.84%

Target Compounds

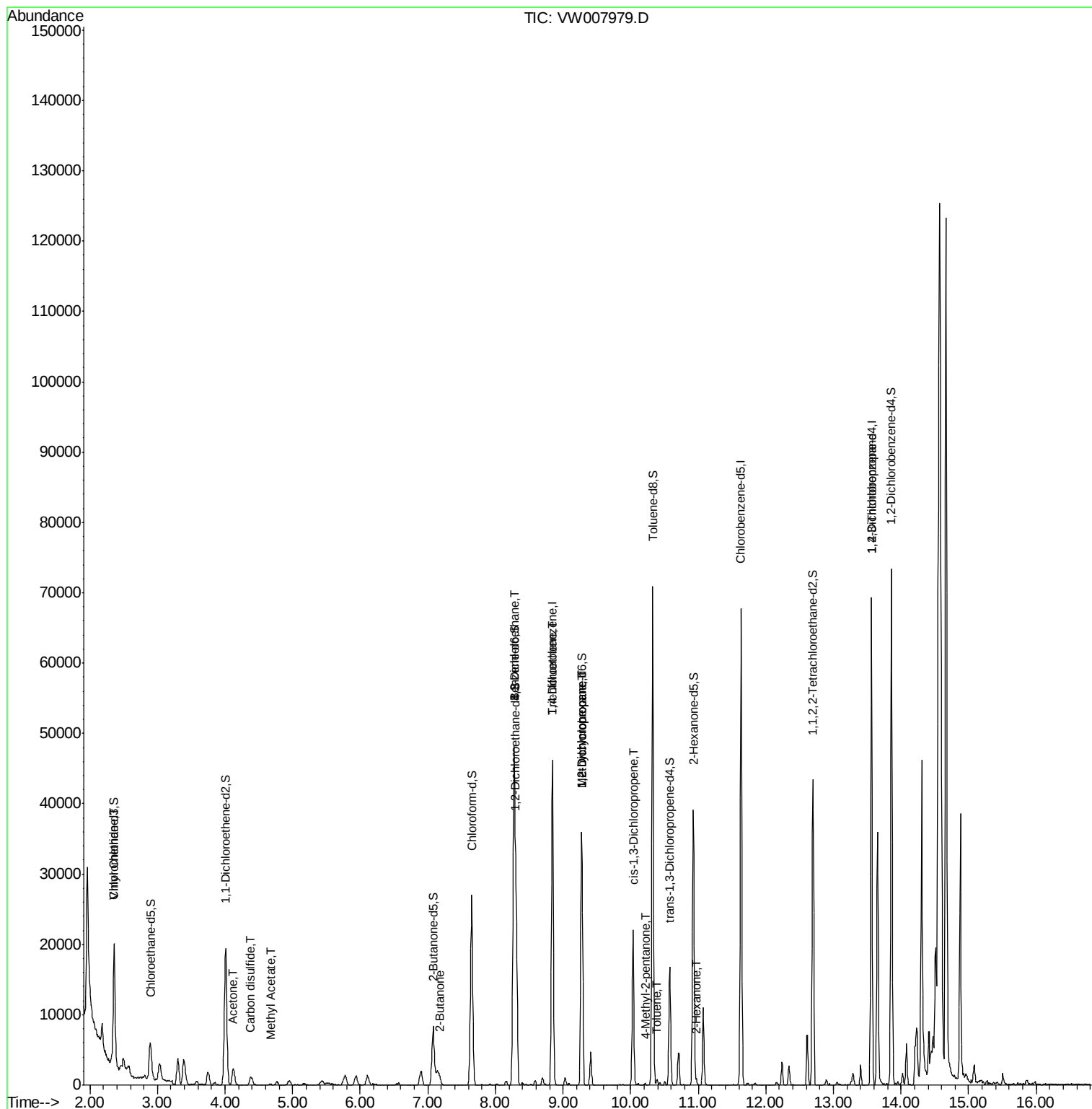
					Qvalue
3) Chloromethane	2.36	50	180	0.542 ug/L #	44
13) Acetone	4.12	43	2365	15.052 ug/L	65
14) Carbon disulfide	4.37	76	1023	0.730 ug/L #	74
15) Methyl Acetate	4.68	43	238	0.995 ug/L #	50
21) 2-Butanone	7.18	43	1809	10.119 ug/L	93
27) 1,2-Dichloroethane	8.27	62	338	0.513 ug/L #	80
35) Trichloroethene	8.85	95	1299	2.214 ug/L #	5
36) Methylcyclohexane	9.27	83	4123	4.097 ug/L #	23
40) 1,2-Dichloropropane	9.28	63	1936	4.078 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	586	0.707 ug/L #	54
43) 4-Methyl-2-pentanone	10.22	43	223	0.593 ug/L #	80
44) Toluene	10.39	91	749	0.331 ug/L	92
49) 2-Hexanone	10.97	43	588	2.169 ug/L #	72
59) 1,2,3-Trichloropropane	13.56	75	2074	5.177 ug/L #	87

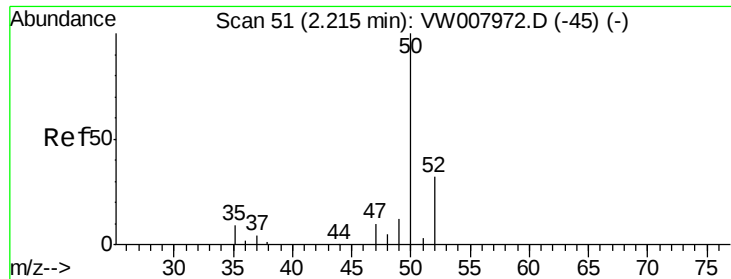
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW007979.D
Acq On : 27 Dec 2018 19:37
Operator : SY/AP
Sample : J6540-01
Misc : 5.41G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAEN4

Quant Time: Dec 28 06:00:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 28 05:56:01 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.542 ug/L

RT: 2.36 min Scan# 75

Delta R.T. 0.15 min

Lab File: VW007979.D

Acq: 27 Dec 2018 19:37

Instrument :

MSVOA_W

ClientSampled :

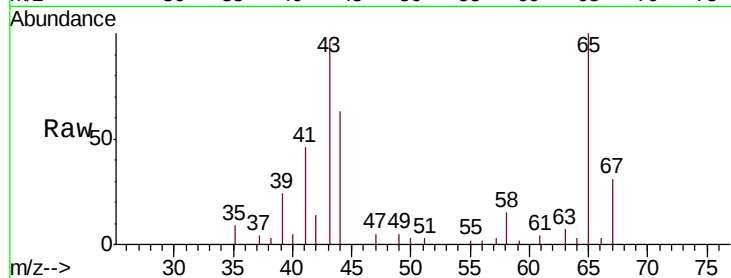
GAEN4

Tgt Ion: 50 Resp: 180

Ion Ratio Lower Upper

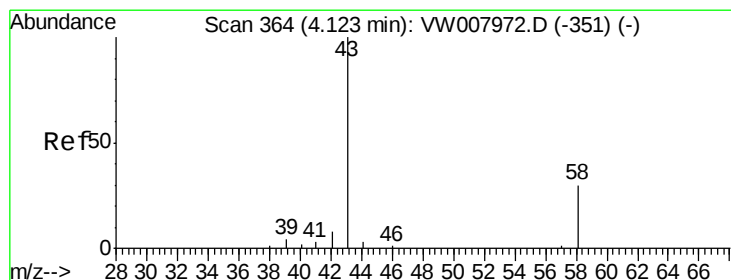
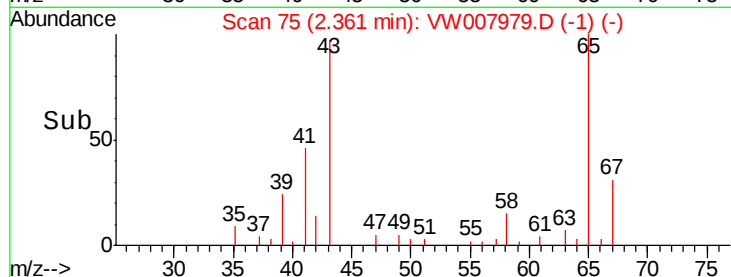
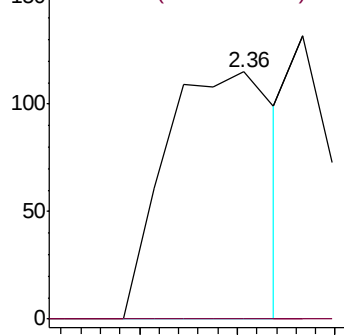
50 100

52 0.0 21.4 39.8#



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW



#13

Acetone

Concen: 15.052 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW007979.D

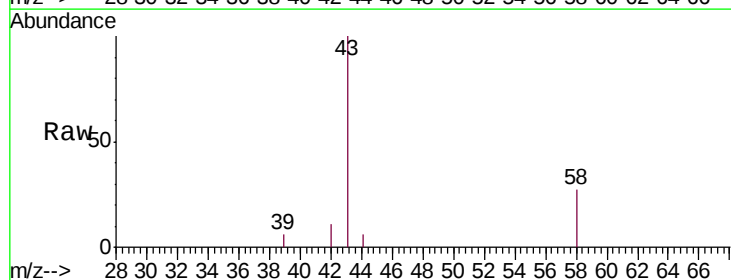
Acq: 27 Dec 2018 19:37

Tgt Ion: 43 Resp: 2365

Ion Ratio Lower Upper

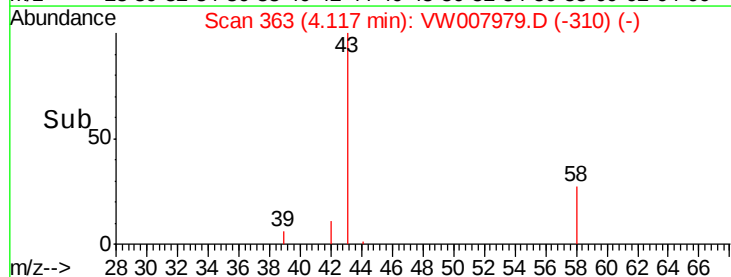
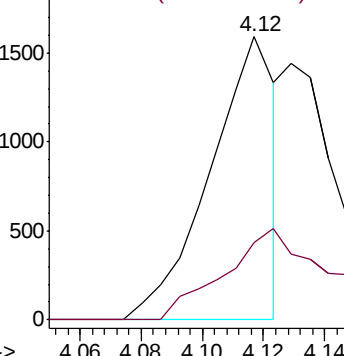
43 100

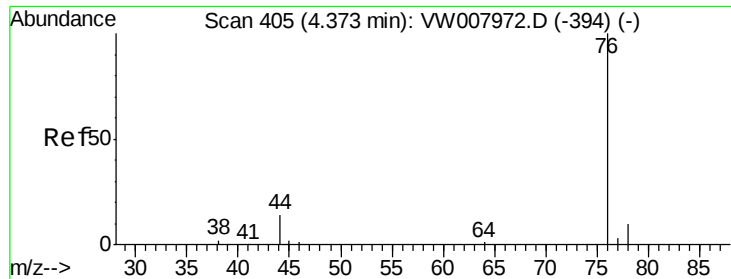
58 48.3 0.0 58.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#14

Carbon disulfide

Concen: 0.730 ug/L

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW007979.D

Acq: 27 Dec 2018 19:37

Instrument :

MSVOA_W

ClientSampleId :

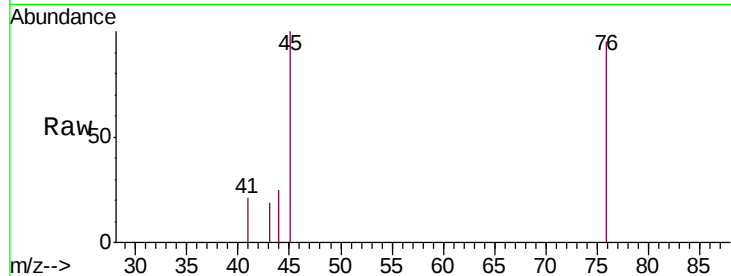
GAEN4

Tgt Ion: 76 Resp: 1023

Ion Ratio Lower Upper

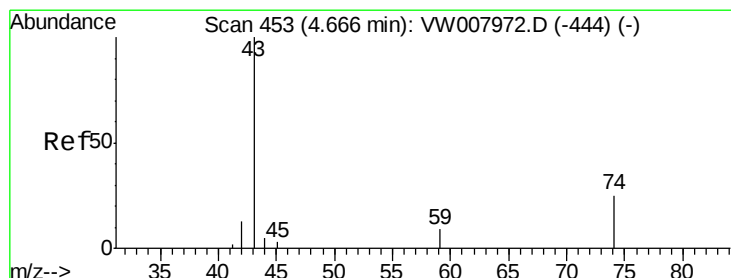
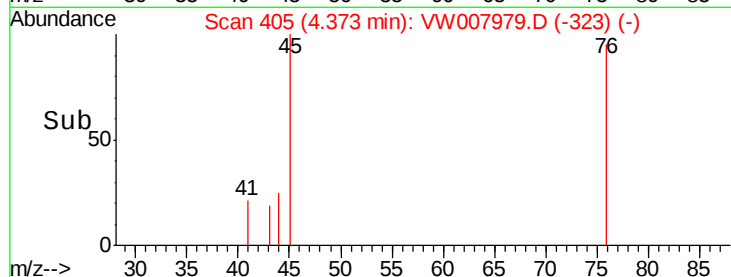
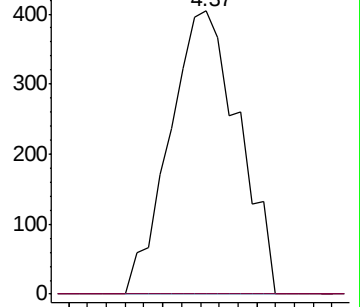
76 100

78 0.0 7.5 11.3#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW



#15

Methyl Acetate

Concen: 0.995 ug/L

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW007979.D

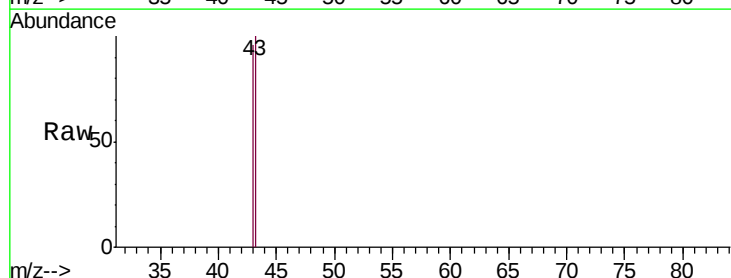
Acq: 27 Dec 2018 19:37

Tgt Ion: 43 Resp: 238

Ion Ratio Lower Upper

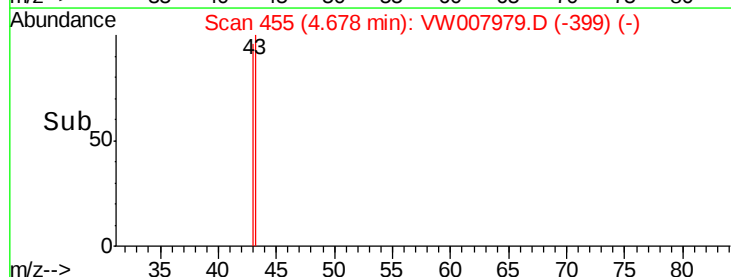
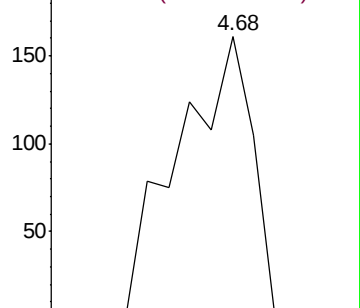
43 100

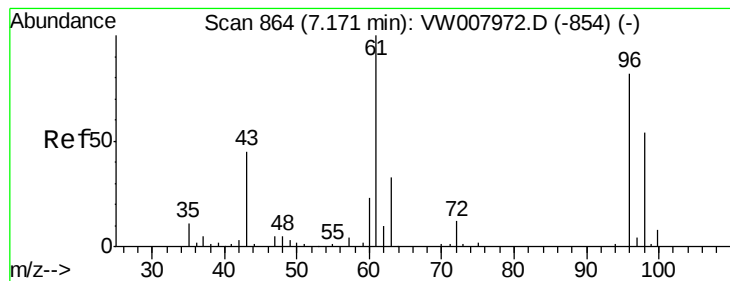
74 0.0 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#21

2-Butanone

Concen: 10.119 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007979.D

Acq: 27 Dec 2018 19:37

Instrument :

MSVOA_W

ClientSampleId :

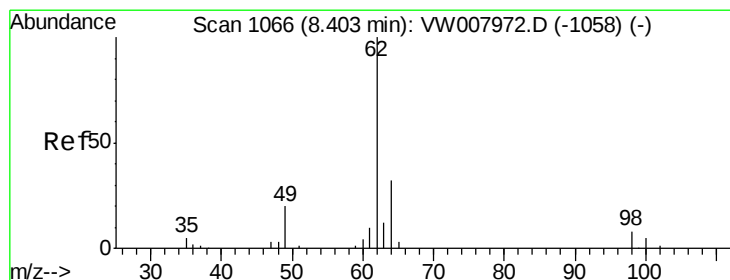
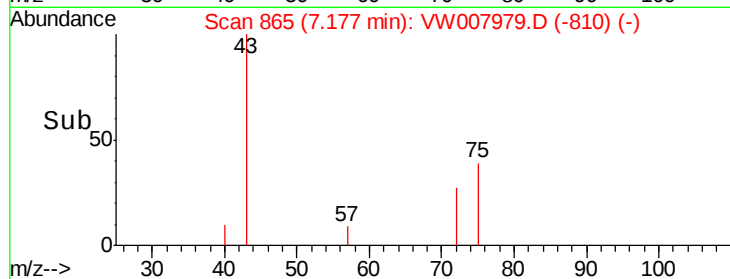
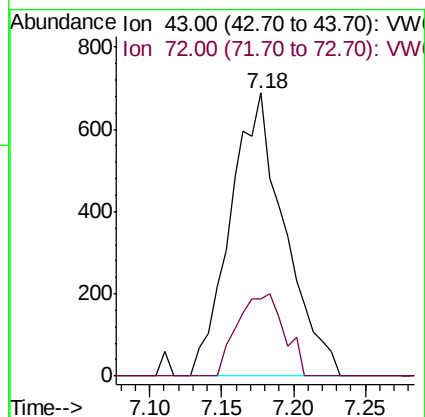
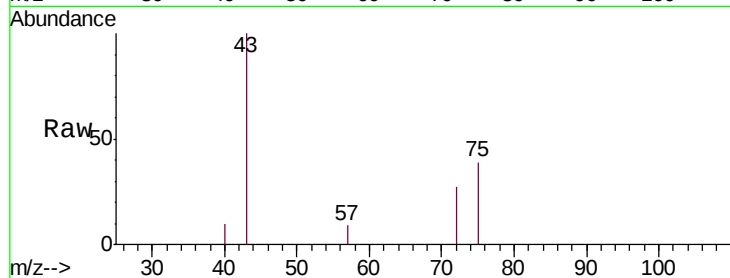
GAEN4

Tgt Ion: 43 Resp: 1809

Ion Ratio Lower Upper

43 100

72 24.9 14.4 43.4



#27

1,2-Dichloroethane

Concen: 0.513 ug/L

RT: 8.27 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW007979.D

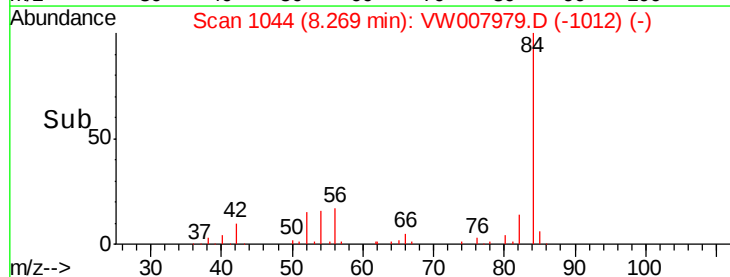
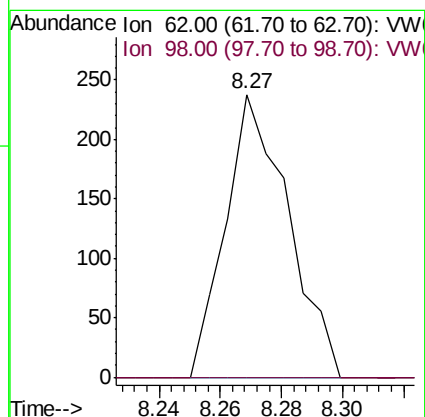
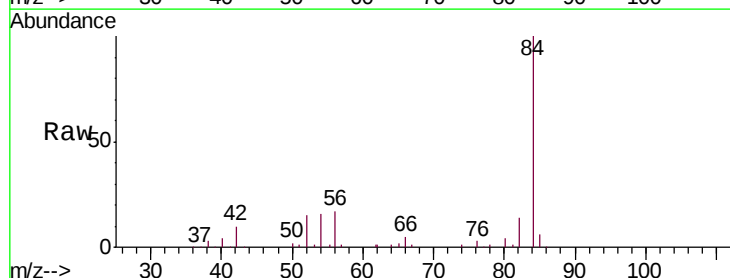
Acq: 27 Dec 2018 19:37

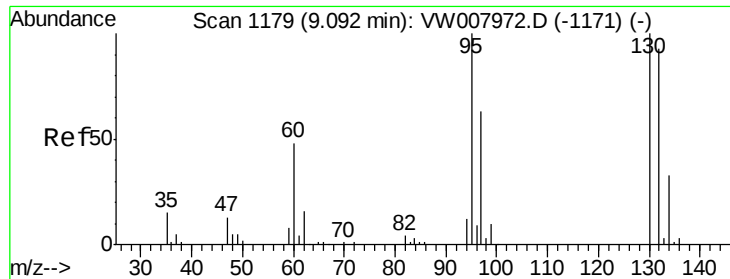
Tgt Ion: 62 Resp: 338

Ion Ratio Lower Upper

62 100

98 0.0 5.4 8.2#





#35

Trichloroethene

Concen: 2.214 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW007979.D

Acq: 27 Dec 2018 19:37

Instrument :

MSVOA_W

ClientSampleId :

GAEN4

Tgt Ion: 95 Resp: 1299

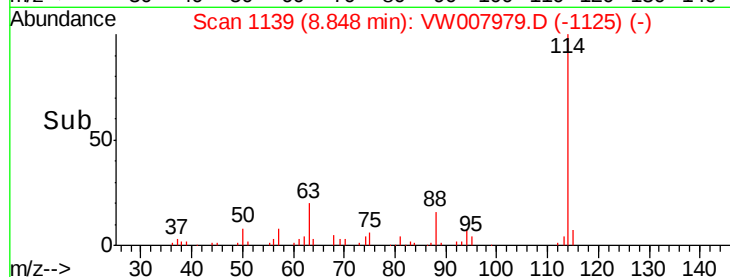
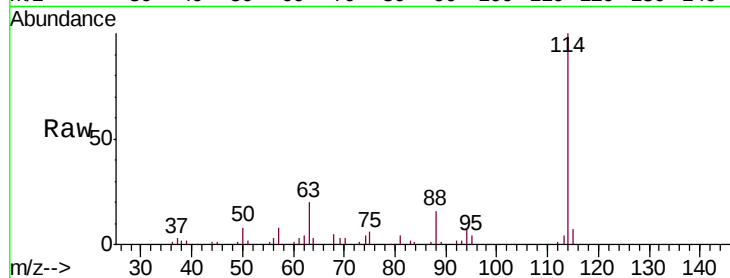
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.5#

132 0.0 67.8 126.0#

130 0.0 70.3 130.7#

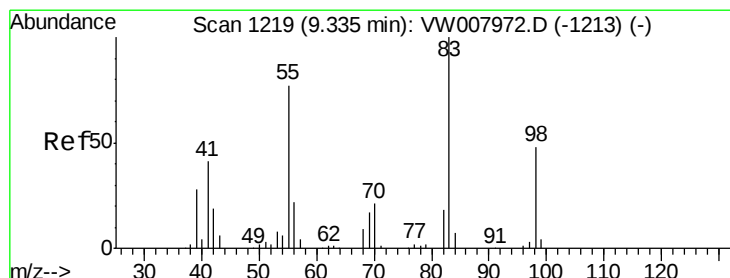
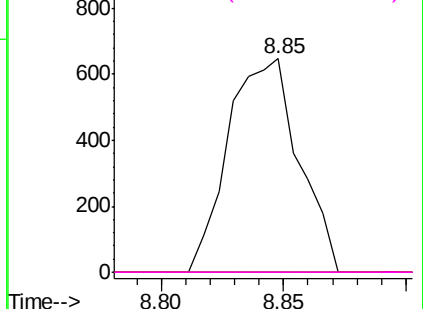


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 4.097 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW007979.D

Acq: 27 Dec 2018 19:37

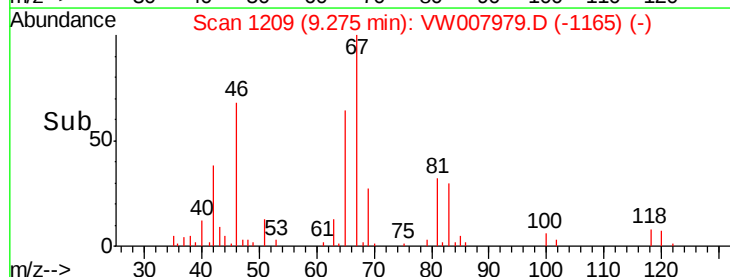
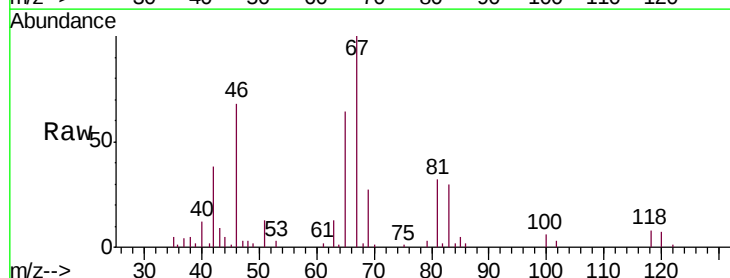
Tgt Ion: 83 Resp: 4123

Ion Ratio Lower Upper

83 100

55 6.1 59.4 89.0#

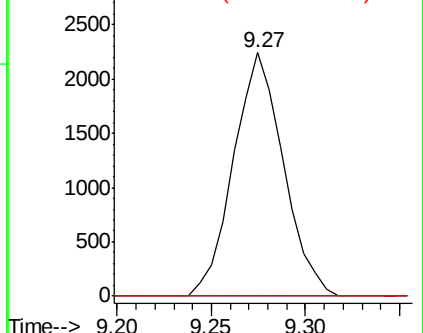
98 0.0 38.2 57.2#

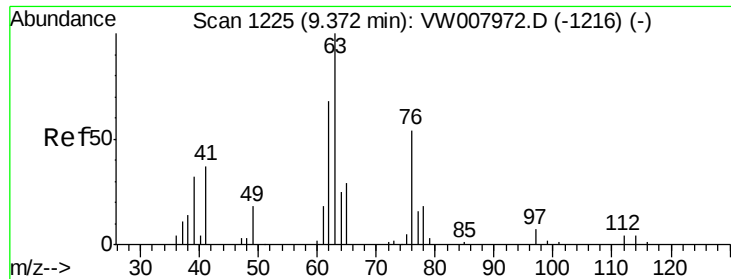


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

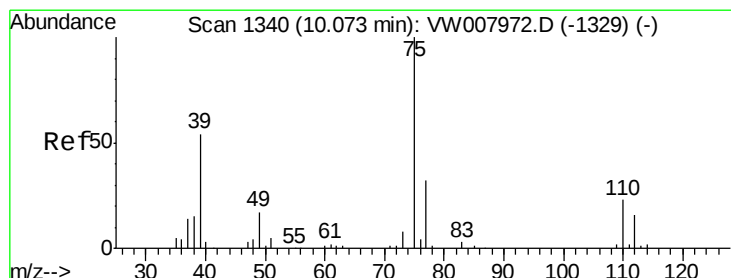
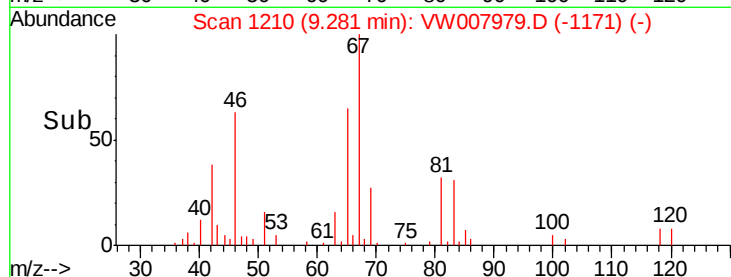
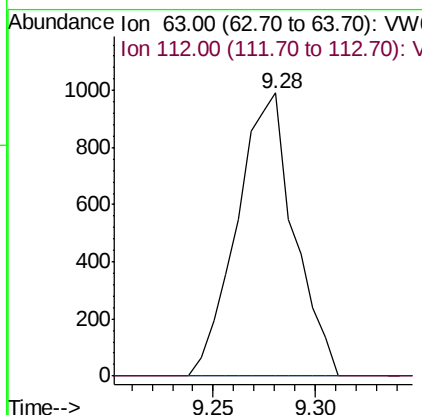
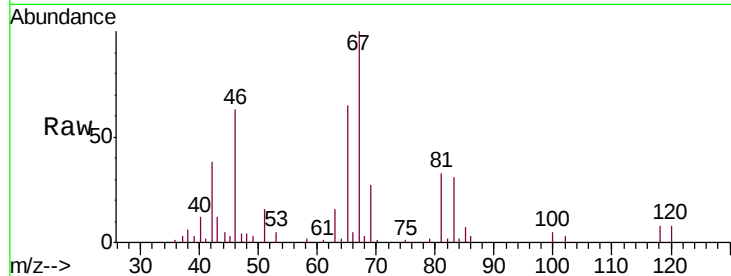




#40
 1,2-Dichloropropane
 Concen: 4.078 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW007979.D
 Acq: 27 Dec 2018 19:37

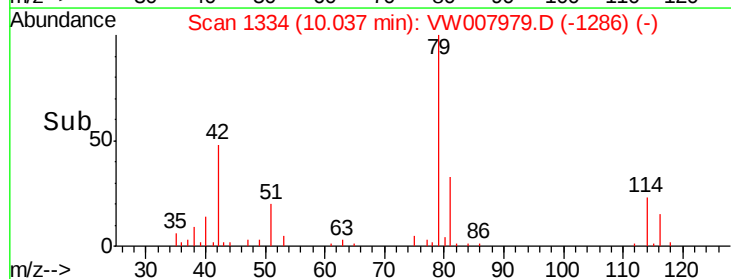
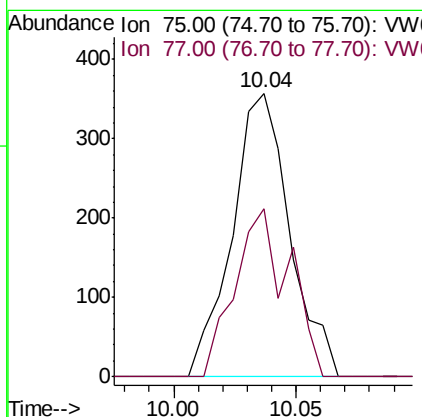
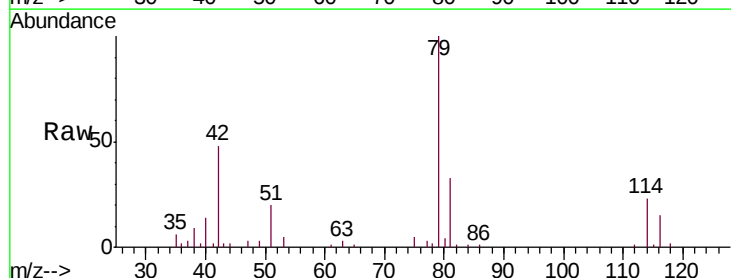
Instrument :
 MSVOA_W
 ClientSampled :
 GAEN4

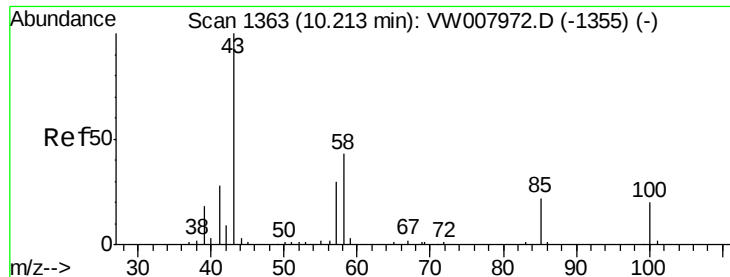
Tgt Ion: 63 Resp: 1936
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#42
 cis-1,3-Dichloropropene
 Concen: 0.707 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW007979.D
 Acq: 27 Dec 2018 19:37

Tgt Ion: 75 Resp: 586
 Ion Ratio Lower Upper
 75 100
 77 59.1 23.0 42.8#

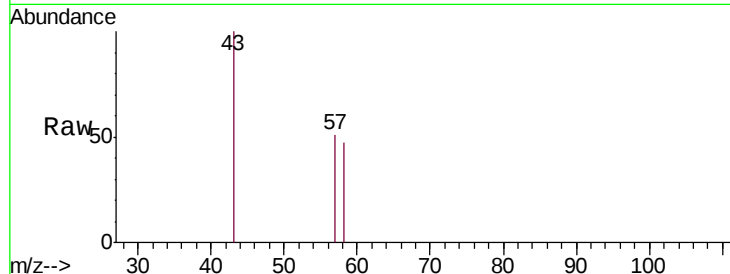




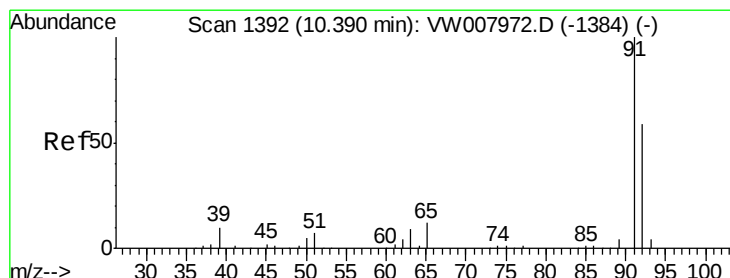
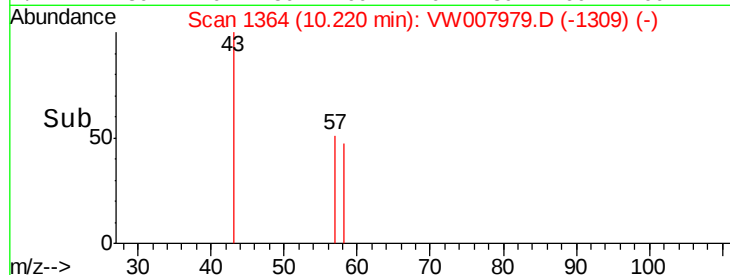
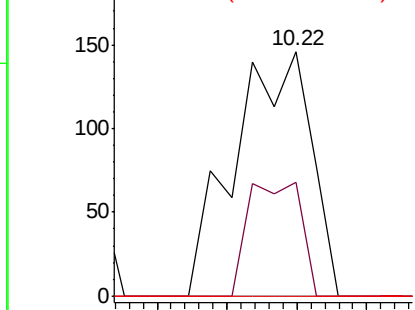
#43
4-Methyl-2-pentanone
Concen: 0.593 ug/L
RT: 10.22 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VW007979.D
Acq: 27 Dec 2018 19:37

Instrument :
MSVOA_W
ClientSampled :
GAEN4

Tgt Ion: 43 Resp: 223
Ion Ratio Lower Upper
43 100
58 32.3 31.1 46.7
100 0.0 14.0 21.0#

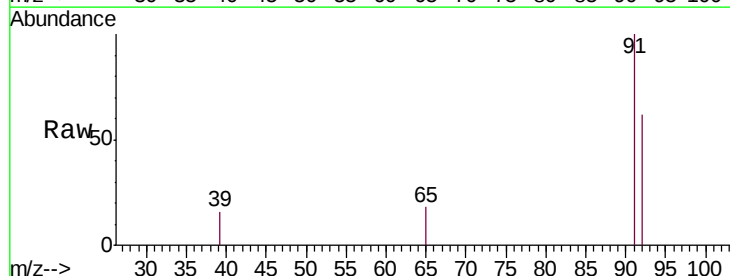


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW
Ion 100.00 (99.70 to 100.70): VW

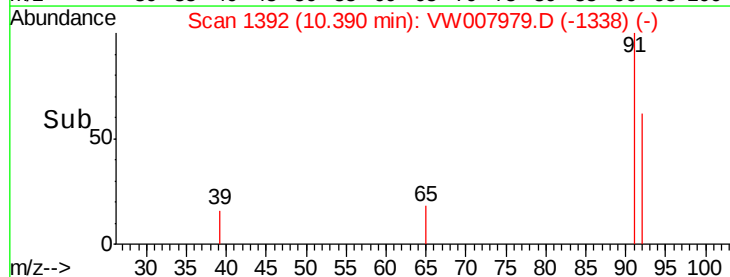
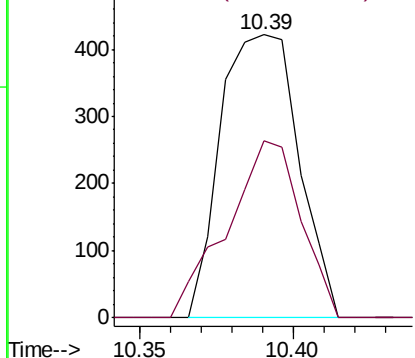


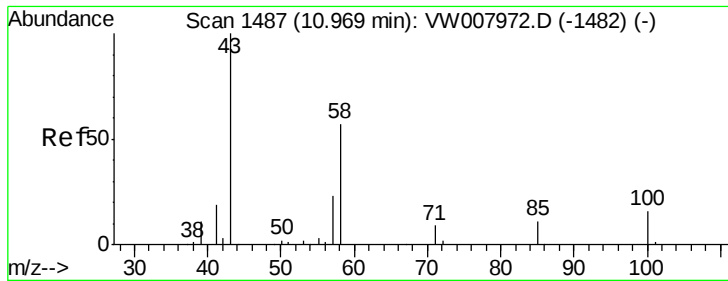
#44
Toluene
Concen: 0.331 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW007979.D
Acq: 27 Dec 2018 19:37

Tgt Ion: 91 Resp: 749
Ion Ratio Lower Upper
91 100
92 62.3 39.6 73.6



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW





#49

2-Hexanone

Concen: 2.169 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW007979.D

Acq: 27 Dec 2018 19:37

Instrument :

MSVOA_W

ClientSampleId :

GAEN4

Tgt Ion: 43 Resp: 588

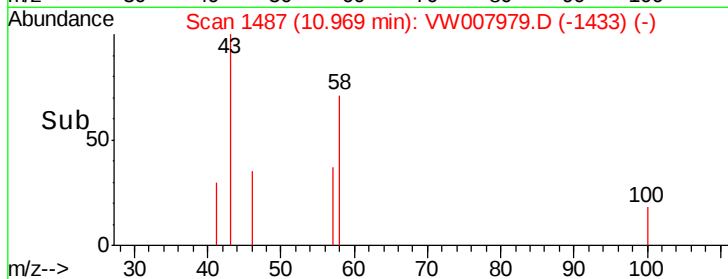
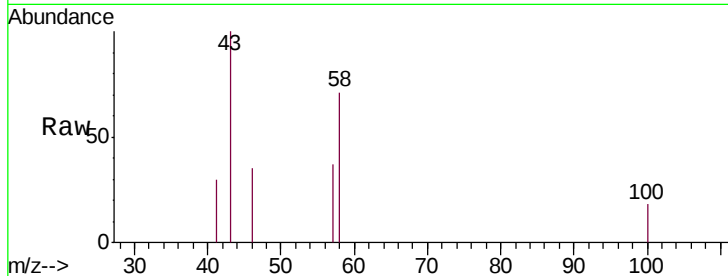
Ion Ratio Lower Upper

43 100

58 30.3 46.2 69.4#

57 17.2 17.9 26.9#

100 6.8 11.4 17.2#

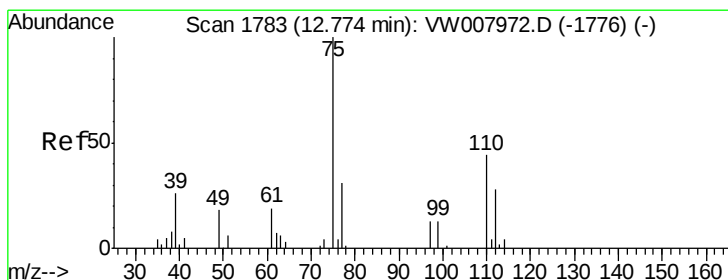
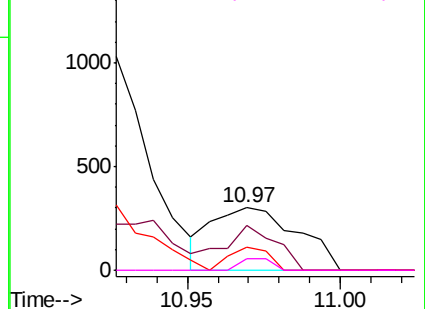


Abundance Ion 43.00 (42.70 to 43.70): VW

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



#59

1,2,3-Trichloropropane

Concen: 5.177 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW007979.D

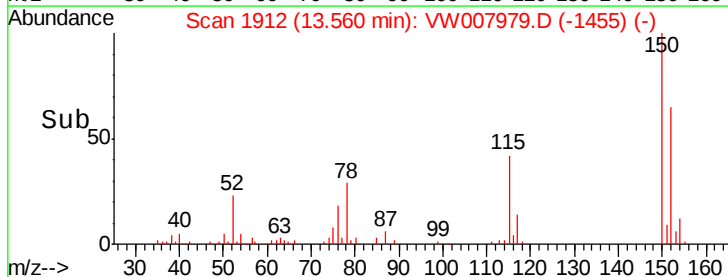
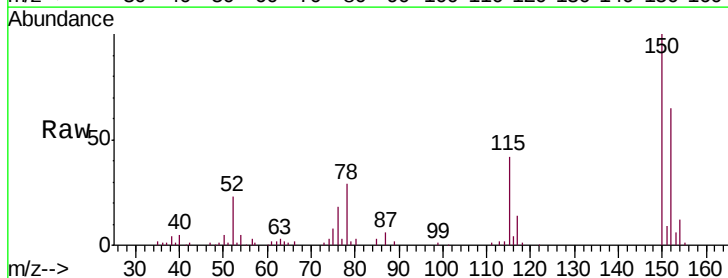
Acq: 27 Dec 2018 19:37

Tgt Ion: 75 Resp: 2074

Ion Ratio Lower Upper

75 100

77 39.2 25.5 38.3#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

