

Data File : VW007997.D
Acq On : 28 Dec 2018 11:21
Operator : SY/AP
Sample : J6540-01
Misc : 4.83G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAEN4

Quant Time: Dec 28 22:37:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 28 22:34:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	106228	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	101152	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	49910	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	20828	19.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.60%
7) Chloroethane-d5	2.90	69	16248	23.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.16%
10) 1,1-Dichloroethene-d2	4.01	63	41960	14.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.24%
20) 2-Butanone-d5	7.08	46	18205	40.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.56%
24) Chloroform-d	7.65	84	58781	20.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.20%
26) 1,2-Dichloroethane-d4	8.31	65	37907	22.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.48%
29) Benzene-d6	8.27	84	110965	19.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.24%
33) 1,2-Dichloropropane-d6	9.27	67	30221	19.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.32%
37) Toluene-d8	10.32	98	105914	19.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.64%
38) trans-1,3-Dichloropropene-	10.58	79	17373	19.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.44%
39) 2-Hexanone-d5	10.93	63	15932	40.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	30389	20.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	41140	20.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.64%

Target Compounds

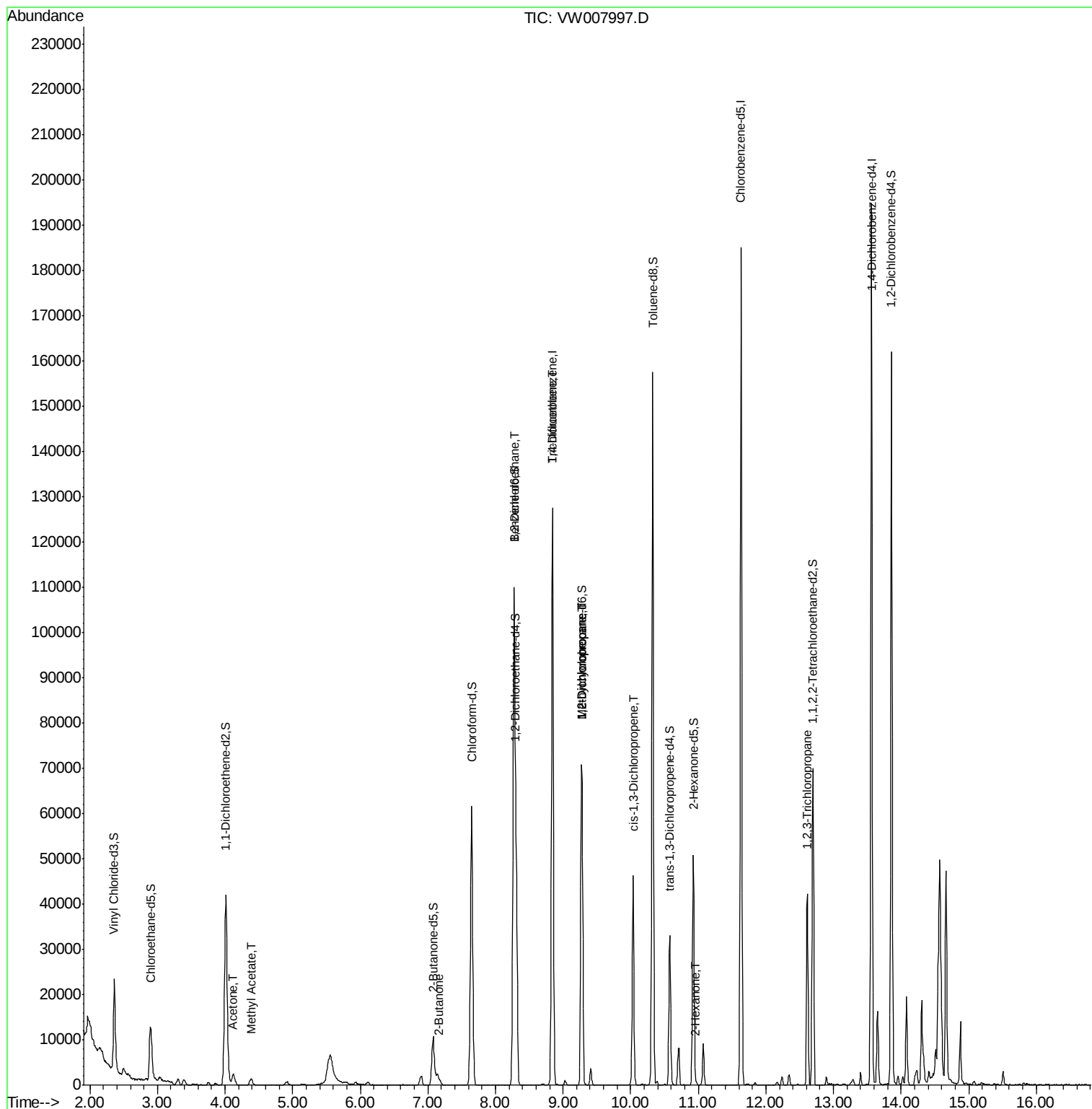
					Qvalue
13) Acetone	4.12	43	4443	10.186 ug/L	87
15) Methyl Acetate	4.39	43	478	0.720 ug/L #	50
21) 2-Butanone	7.17	43	1557	3.137 ug/L	77
27) 1,2-Dichloroethane	8.27	62	712	0.389 ug/L #	80
35) Trichloroethene	8.84	95	3754	2.387 ug/L #	5
36) Methylcyclohexane	9.27	83	8645	3.206 ug/L #	21
40) 1,2-Dichloropropane	9.27	63	4131	3.247 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1325	0.597 ug/L	100
49) 2-Hexanone	10.97	43	507	0.698 ug/L #	68
59) 1,2,3-Trichloropropane	12.62	75	463	0.431 ug/L #	43

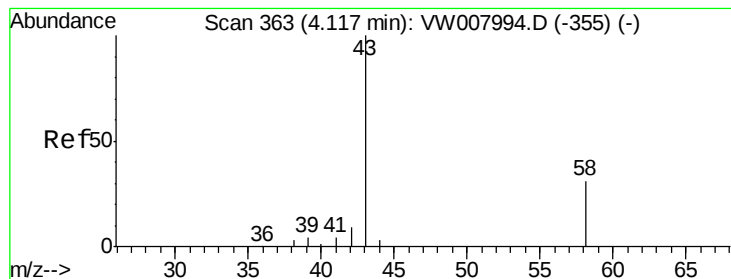
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW007997.D
Acq On : 28 Dec 2018 11:21
Operator : SY/AP
Sample : J6540-01
Misc : 4.83G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAEN4

Quant Time: Dec 28 22:37:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 28 22:34:20 2018
Response via : Initial Calibration





#13

Acetone

Concen: 10.186 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007997.D

Acq: 28 Dec 2018 11:21

Instrument :

MSVOA_W

ClientSampleId :

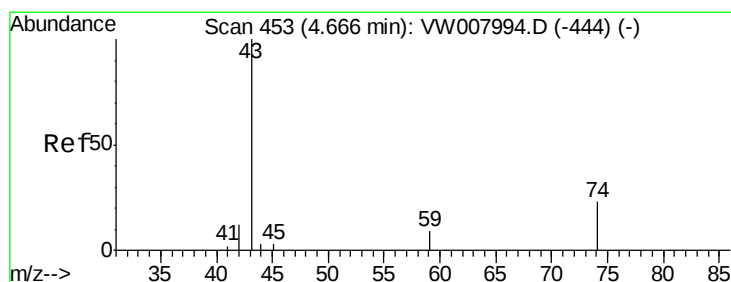
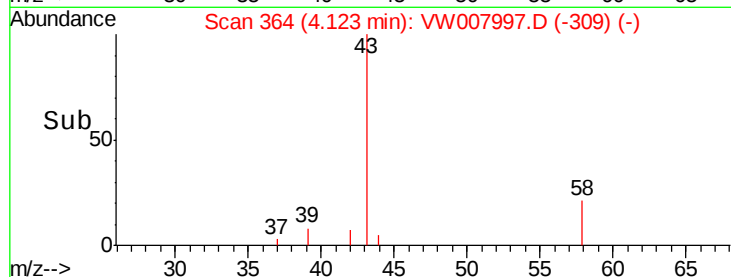
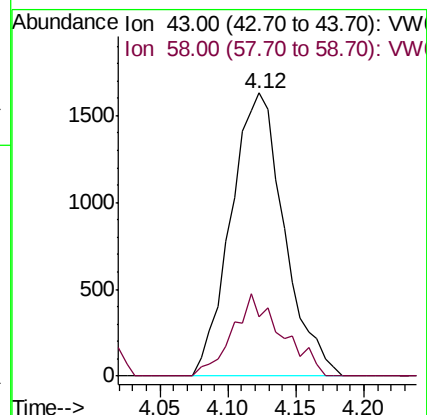
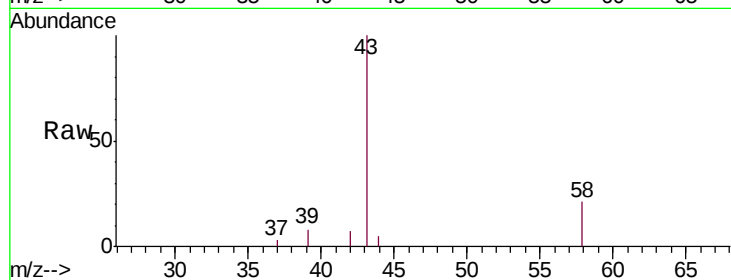
GAEN4

Tgt Ion: 43 Resp: 4443

Ion Ratio Lower Upper

43 100

58 22.2 0.0 58.6



#15

Methyl Acetate

Concen: 0.720 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.28 min

Lab File: VW007997.D

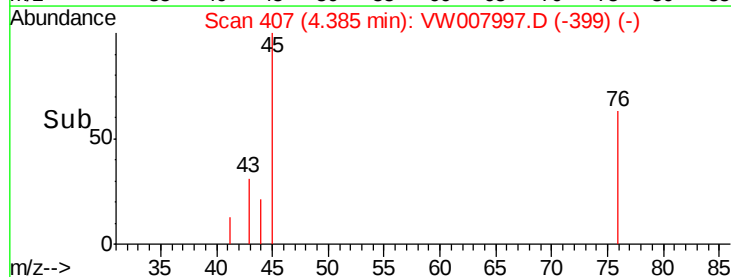
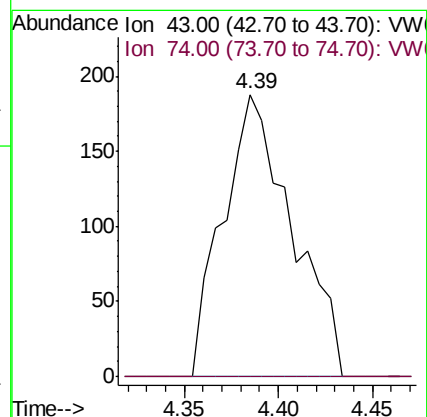
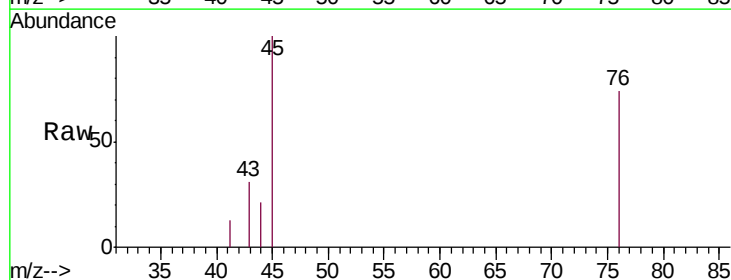
Acq: 28 Dec 2018 11:21

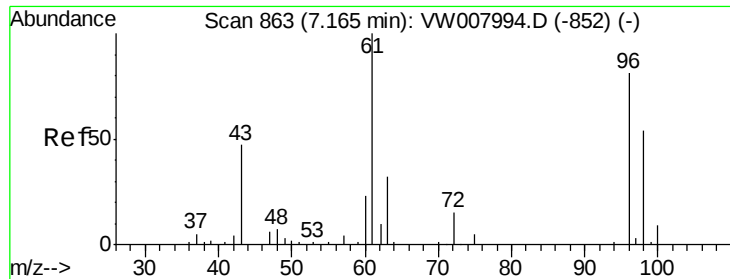
Tgt Ion: 43 Resp: 478

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#

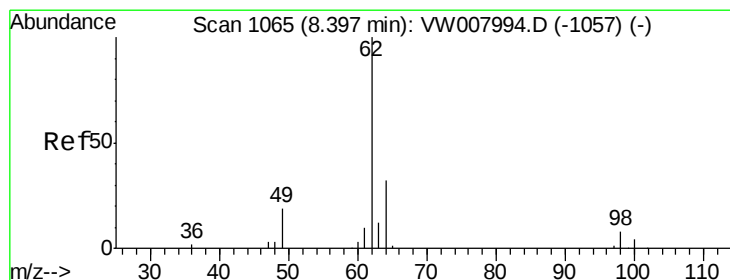
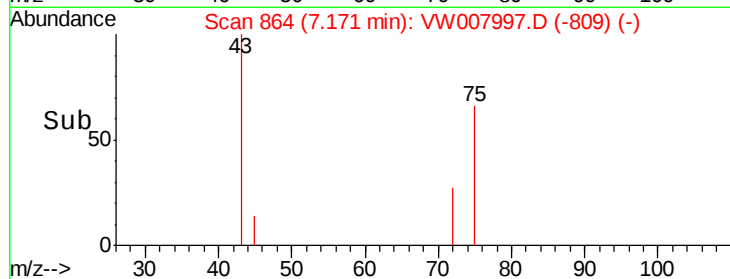
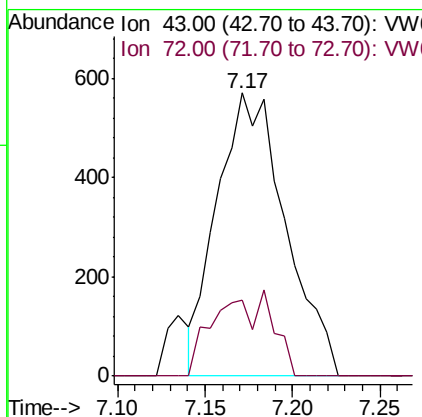
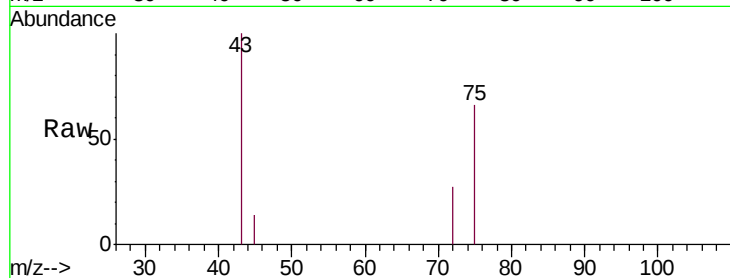




#21
 2-Butanone
 Concen: 3.137 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW007997.D
 Acq: 28 Dec 2018 11:21

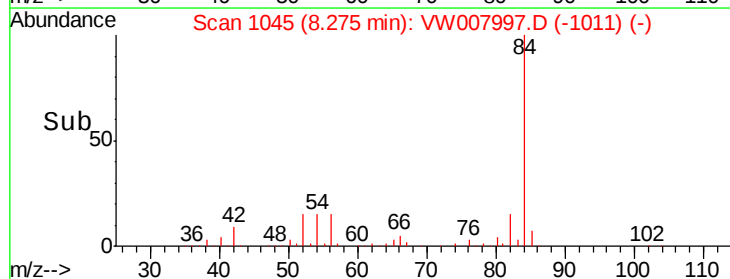
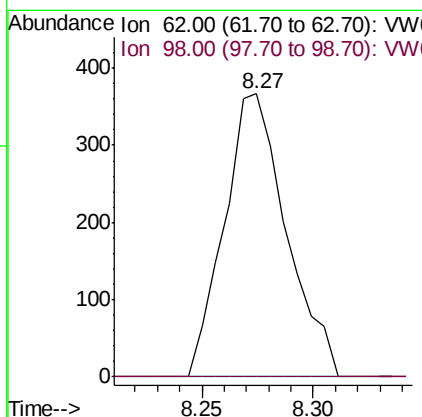
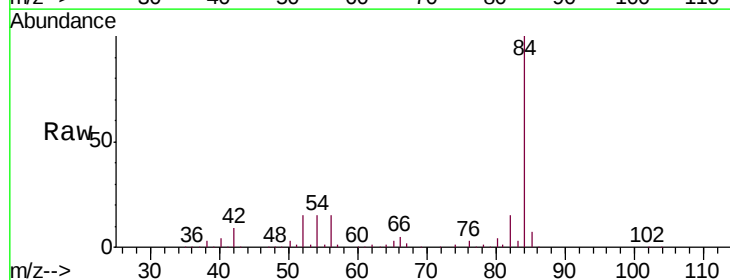
Instrument :
 MSVOA_W
 ClientSampleId :
 GAEN4

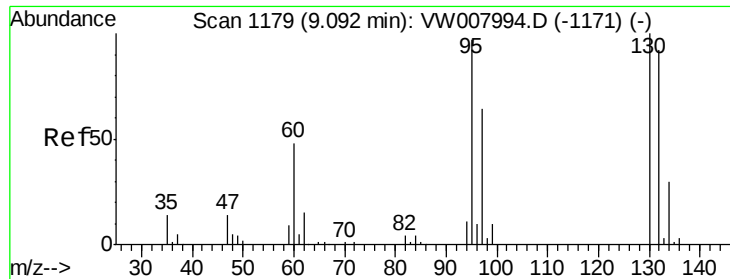
Tgt Ion: 43 Resp: 1557
 Ion Ratio Lower Upper
 43 100
 72 16.9 14.4 43.4



#27
 1,2-Dichloroethane
 Concen: 0.389 ug/L
 RT: 8.27 min Scan# 1045
 Delta R.T. -0.12 min
 Lab File: VW007997.D
 Acq: 28 Dec 2018 11:21

Tgt Ion: 62 Resp: 712
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.4 8.2#





#35

Trichloroethene

Concen: 2.387 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007997.D

Acq: 28 Dec 2018 11:21

Instrument :

MSVOA_W

ClientSampleId :

GAEN4

Tgt Ion: 95 Resp: 3754

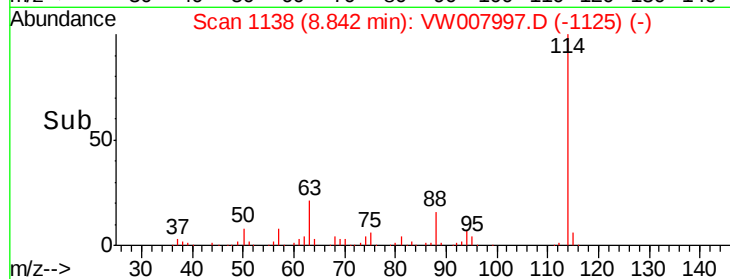
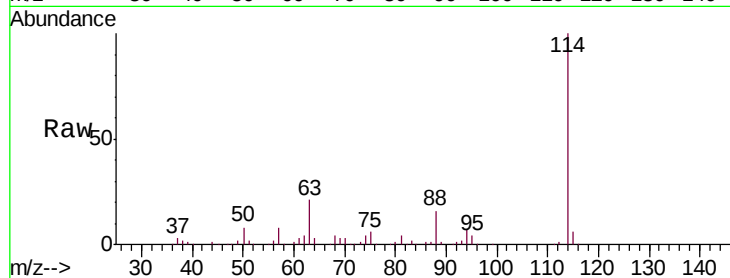
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.5#

132 0.0 67.8 126.0#

130 0.0 70.3 130.7#

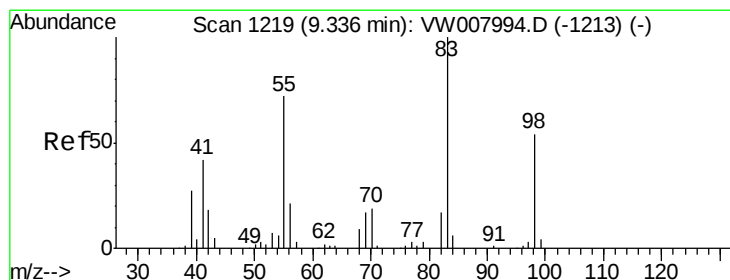
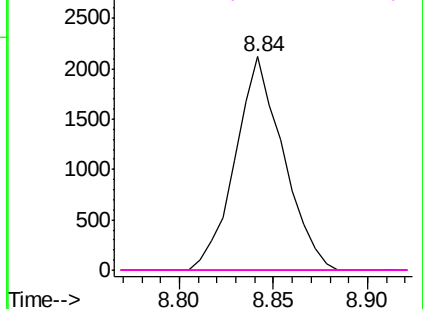


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.206 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW007997.D

Acq: 28 Dec 2018 11:21

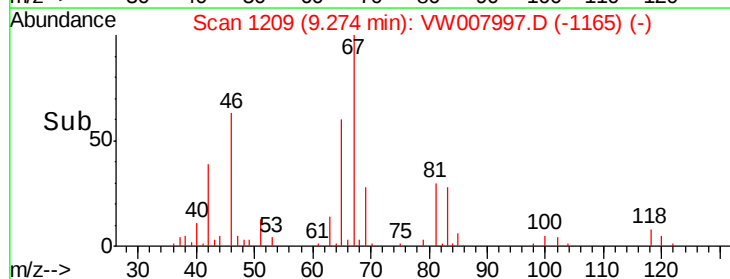
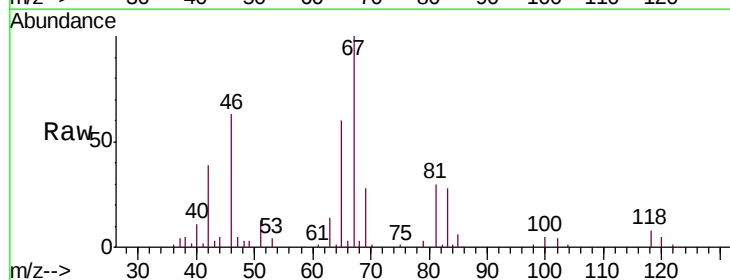
Tgt Ion: 83 Resp: 8645

Ion Ratio Lower Upper

83 100

55 2.4 59.4 89.0#

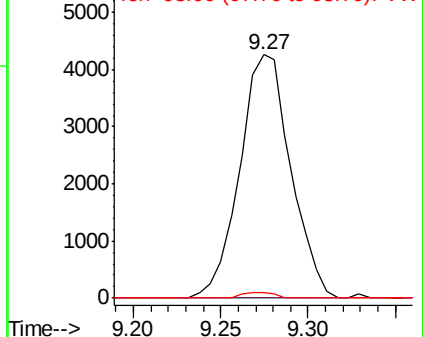
98 1.4 38.2 57.2#

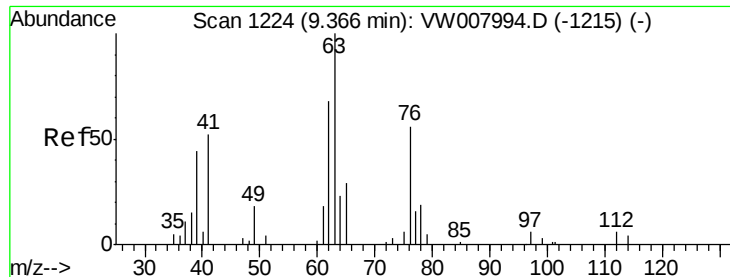


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

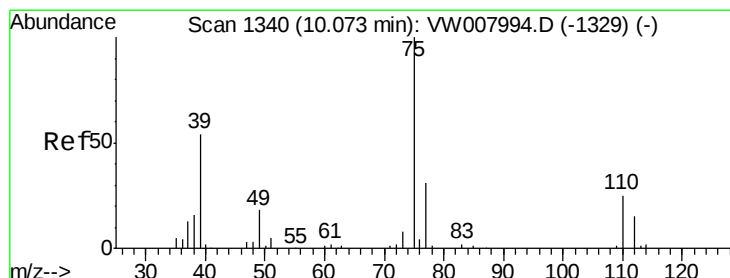
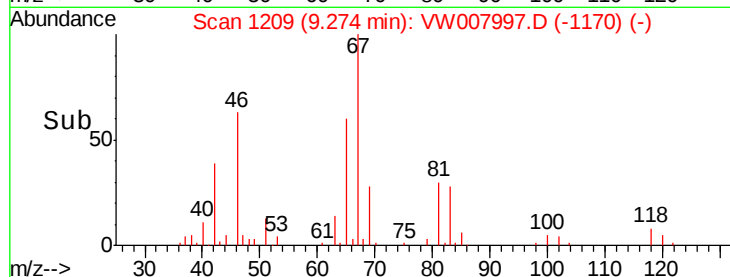
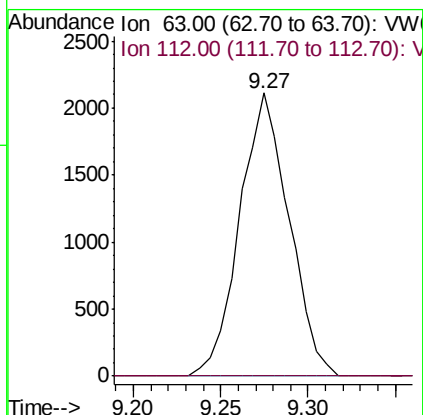
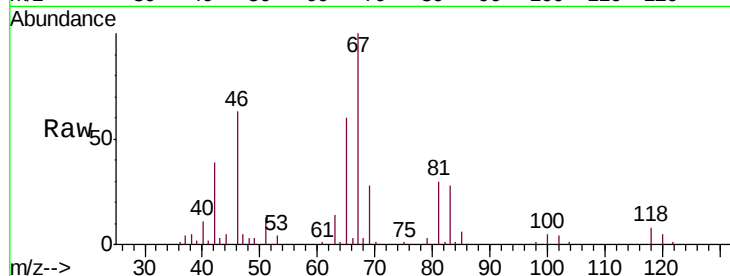




#40
 1,2-Dichloropropane
 Concen: 3.247 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW007997.D
 Acq: 28 Dec 2018 11:21

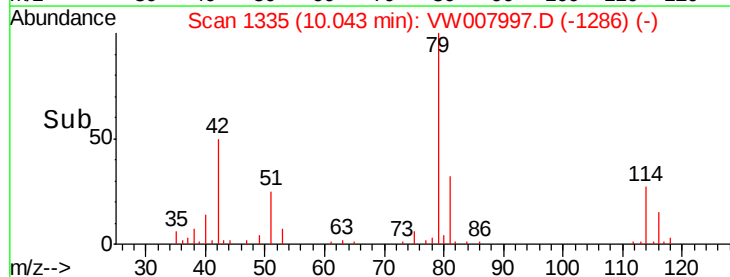
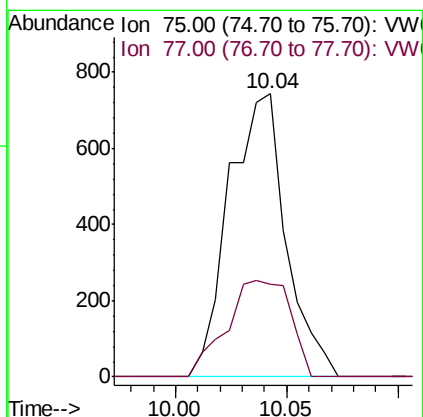
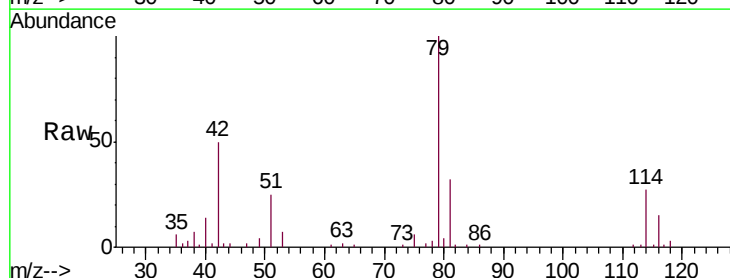
Instrument :
 MSVOA_W
 ClientSampleId :
 GAEN4

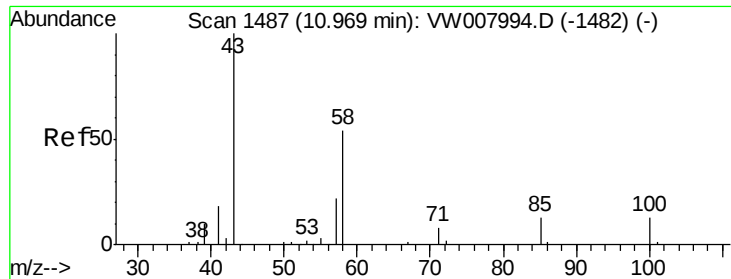
Tgt Ion: 63 Resp: 4131
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#42
 cis-1,3-Dichloropropene
 Concen: 0.597 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW007997.D
 Acq: 28 Dec 2018 11:21

Tgt Ion: 75 Resp: 1325
 Ion Ratio Lower Upper
 75 100
 77 32.8 23.0 42.8

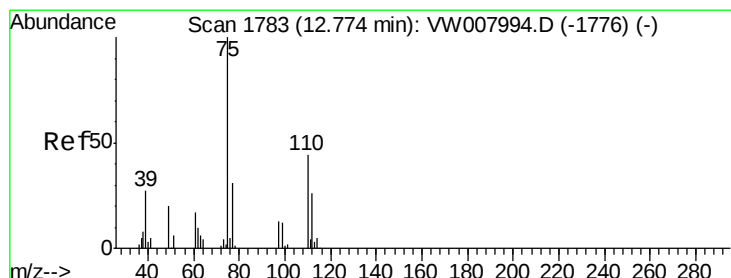
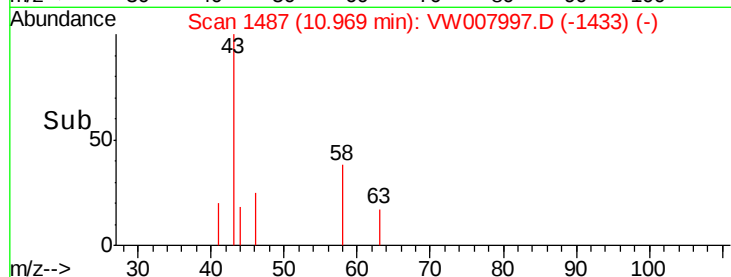
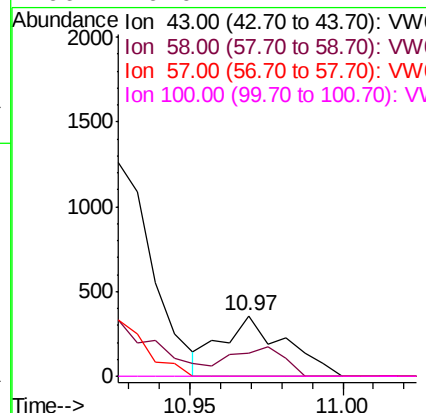
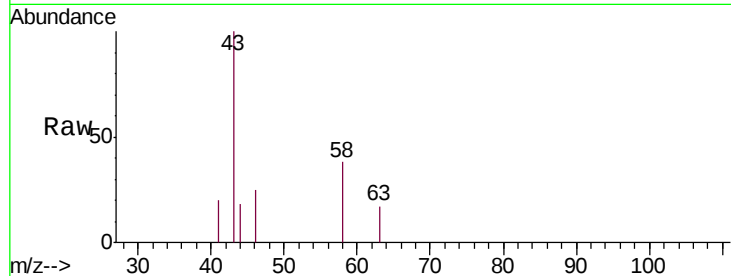




#49
2-Hexanone
Concen: 0.698 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007997.D
Acq: 28 Dec 2018 11:21

Instrument :
MSVOA_W
ClientSampleId :
GAEN4

Tgt Ion: 43 Resp: 507
Ion Ratio Lower Upper
43 100
58 38.9 46.2 69.4#
57 0.0 17.9 26.9#
100 0.0 11.4 17.2#



#59
1,2,3-Trichloropropane
Concen: 0.431 ug/L
RT: 12.62 min Scan# 1757
Delta R.T. -0.16 min
Lab File: VW007997.D
Acq: 28 Dec 2018 11:21

Tgt Ion: 75 Resp: 463
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#

