

Data File : VW007984.D
Acq On : 27 Dec 2018 21:46
Operator : SY/AP
Sample : J6540-09
Misc : 6.36G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAEP0

Quant Time: Dec 28 06:01:06 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	96104	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	92085	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	44628	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	20087	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.84%
7) Chloroethane-d5	2.89	69	15343	24.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.20%
10) 1,1-Dichloroethene-d2	4.01	63	41742	16.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.12%
20) 2-Butanone-d5	7.08	46	21004	52.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.00%
24) Chloroform-d	7.65	84	60720	23.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	8.31	65	40453	26.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.56%
29) Benzene-d6	8.27	84	111464	21.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.32%
33) 1,2-Dichloropropane-d6	9.27	67	32698	23.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.12%
37) Toluene-d8	10.32	98	108274	21.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.08%
38) trans-1,3-Dichloropropene-	10.58	79	18815	23.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.32%
39) 2-Hexanone-d5	10.93	63	18644	51.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	33929	25.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	43749	24.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.08%

Target Compounds

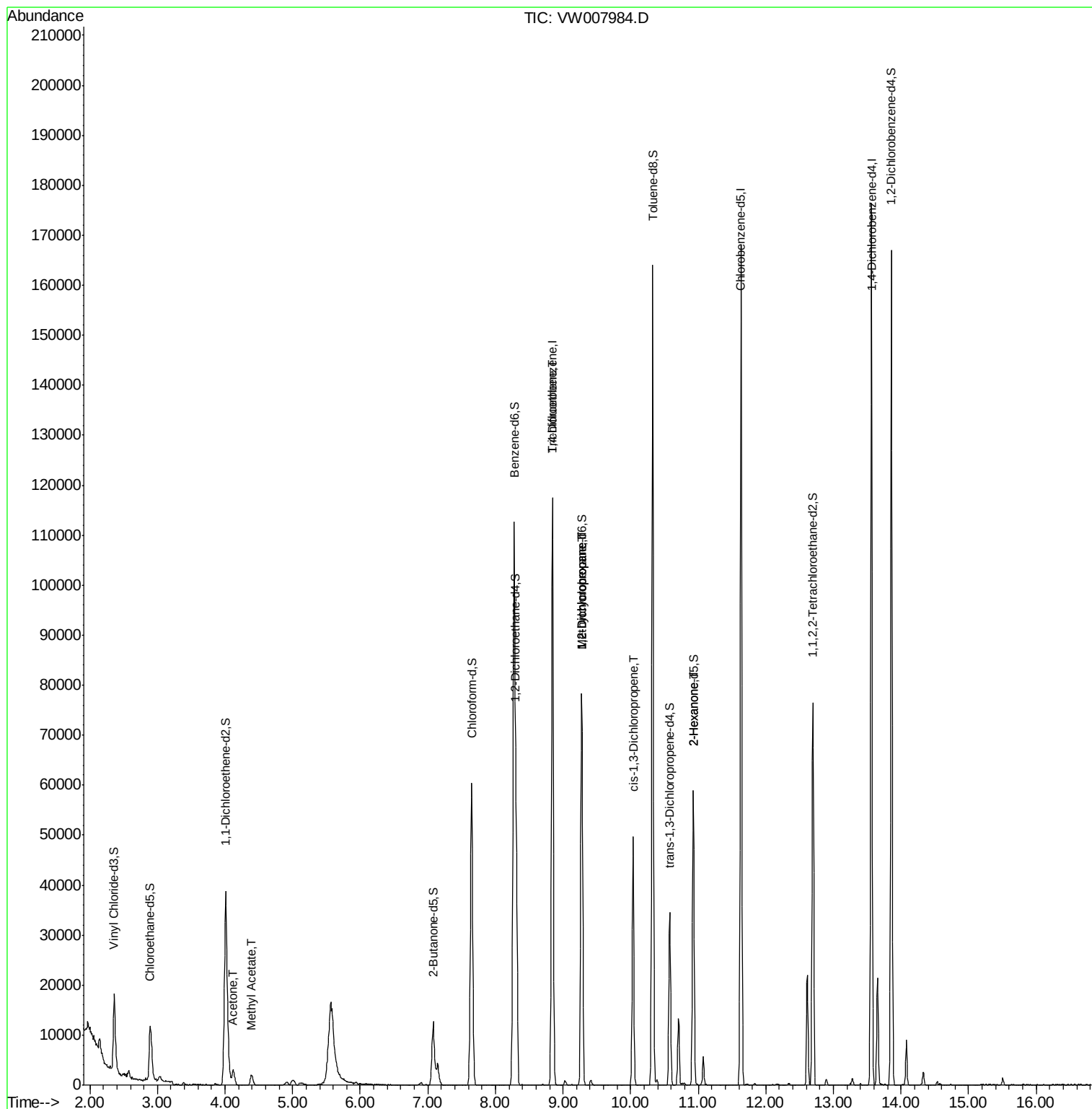
					Qvalue
13) Acetone	4.12	43	4872	12.346 ug/L	97
15) Methyl Acetate	4.39	43	539	0.898 ug/L #	50
35) Trichloroethene	8.84	95	3149	2.200 ug/L #	5
36) Methylcyclohexane	9.27	83	8992	3.663 ug/L #	20
40) 1,2-Dichloropropane	9.27	63	4260	3.678 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1330	0.658 ug/L	96
49) 2-Hexanone	10.93	43	2428	3.671 ug/L #	69

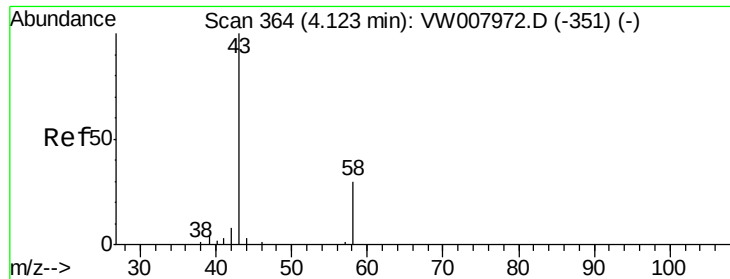
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.346 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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Acq: 27 Dec 2018 21:46

Instrument :

MSVOA_W

ClientSampleId :

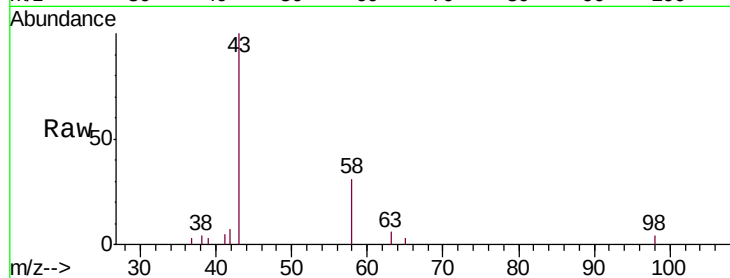
GAEP0

Tgt Ion: 43 Resp: 4872

Ion Ratio Lower Upper

43 100

58 27.9 0.0 58.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

2000

1500

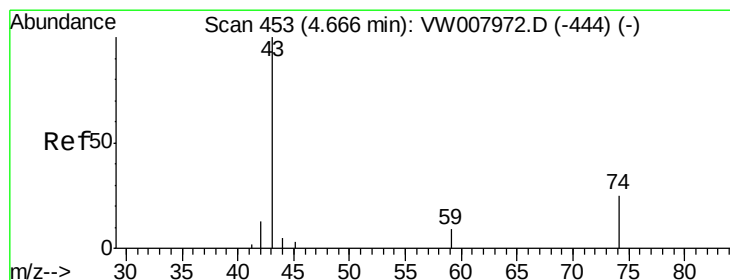
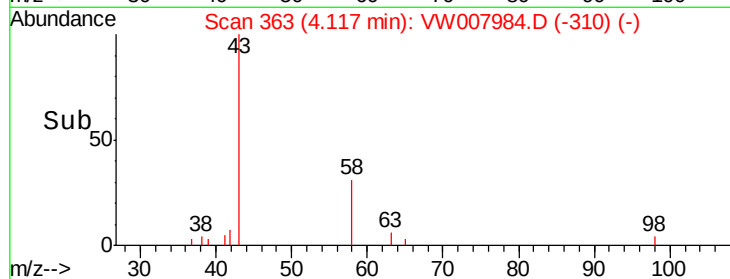
1000

500

0

4.05 4.10 4.15 4.20

Time-->



#15

Methyl Acetate

Concen: 0.898 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.28 min

Lab File: VW007984.D

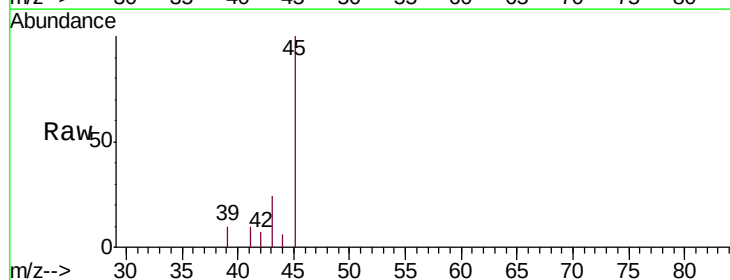
Acq: 27 Dec 2018 21:46

Tgt Ion: 43 Resp: 539

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

300

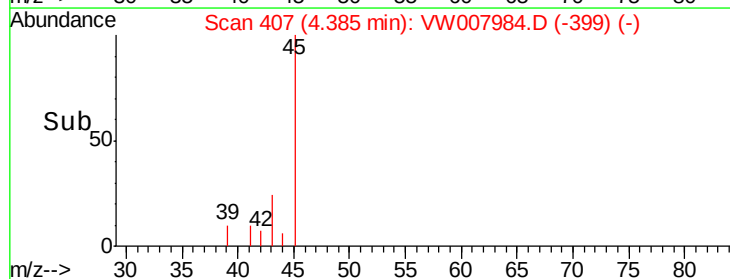
200

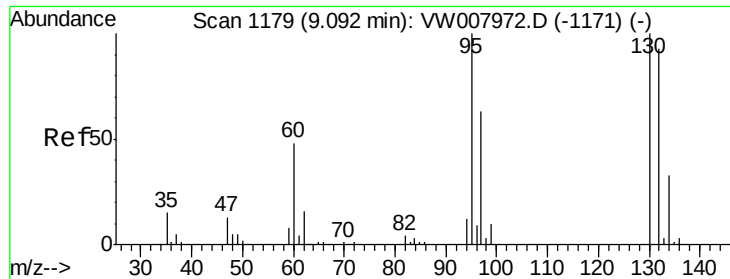
100

0

4.34 4.36 4.38 4.40

Time-->





#35

Trichloroethene

Concen: 2.200 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007984.D

Acq: 27 Dec 2018 21:46

Instrument :

MSVOA_W

ClientSampled :

GAEP0

Tgt Ion: 95 Resp: 3149

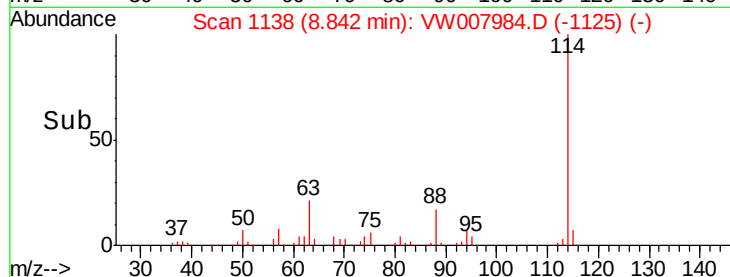
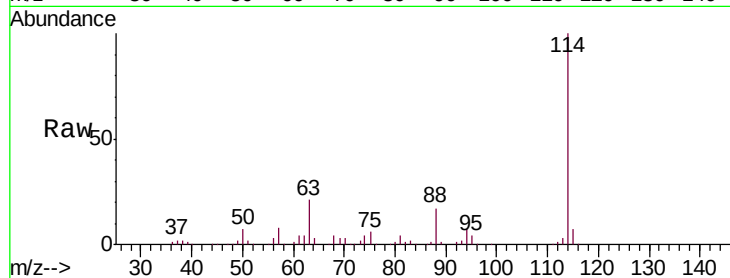
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.5#

132 0.0 67.8 126.0#

130 0.0 70.3 130.7#

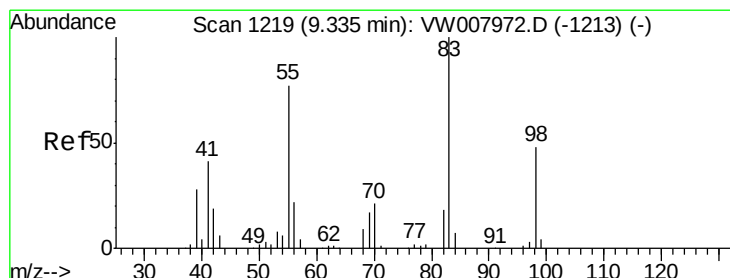
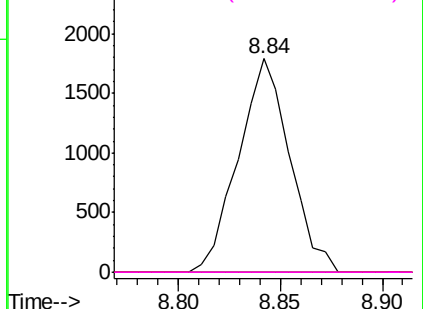


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.663 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW007984.D

Acq: 27 Dec 2018 21:46

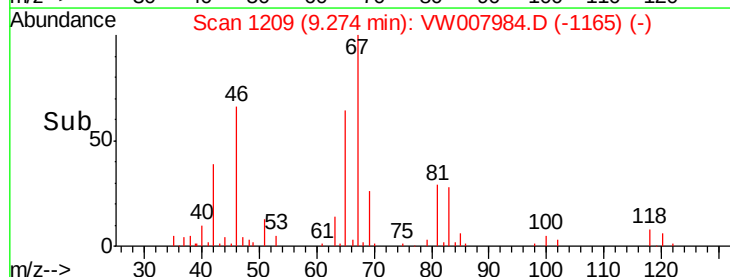
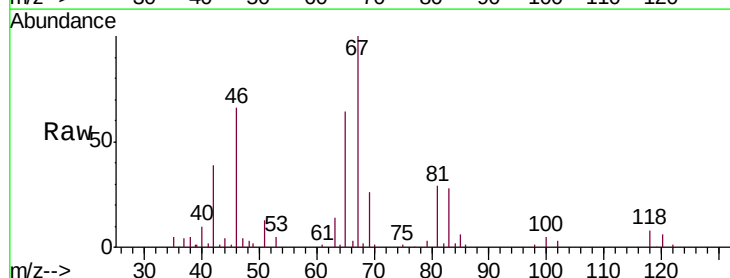
Tgt Ion: 83 Resp: 8992

Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.0#

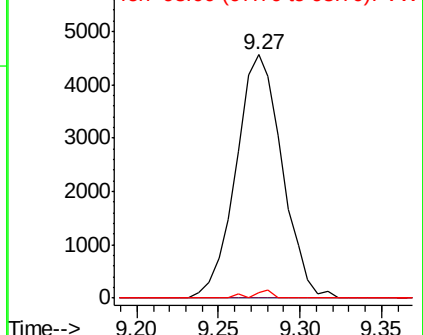
98 1.0 38.2 57.2#

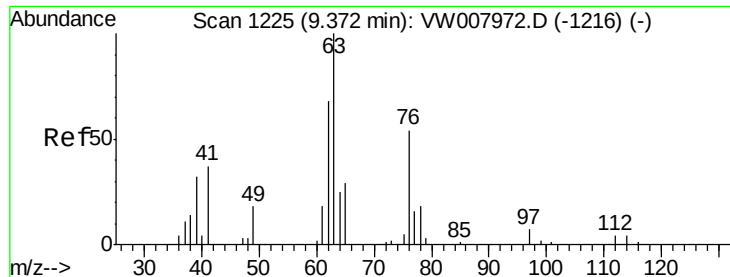


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

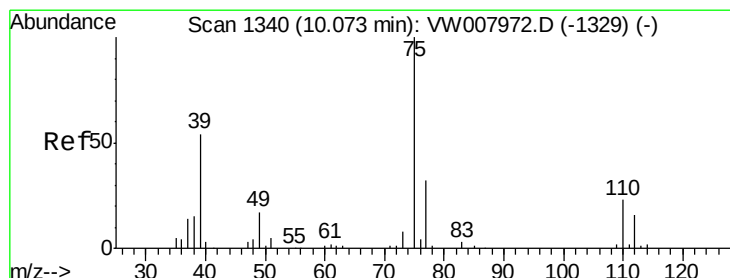
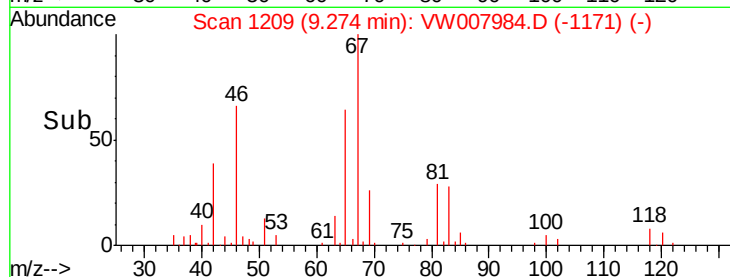
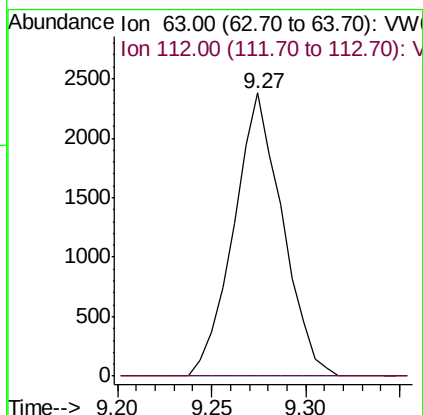
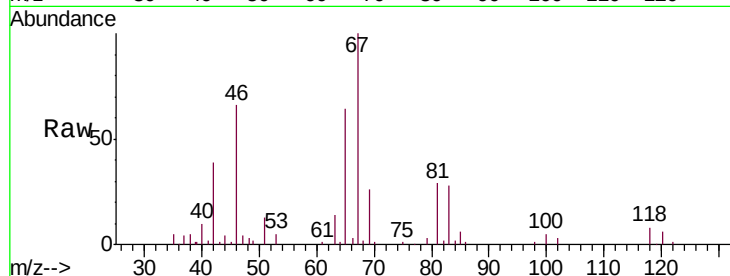




#40
 1,2-Dichloropropane
 Concen: 3.678 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW007984.D
 Acq: 27 Dec 2018 21:46

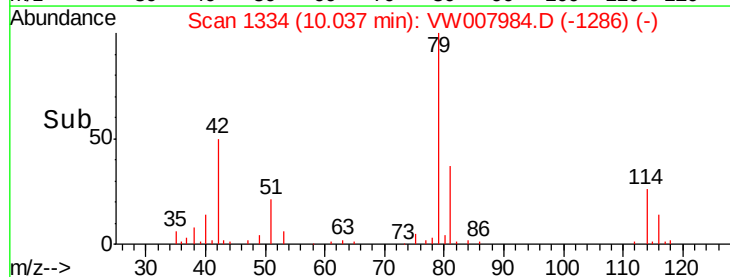
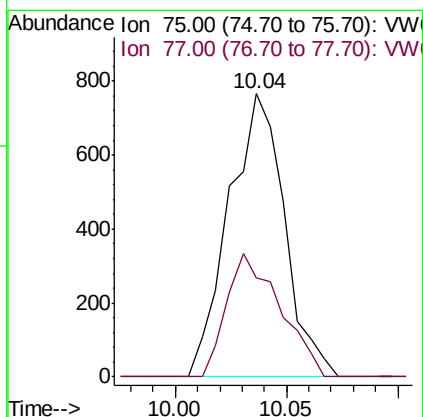
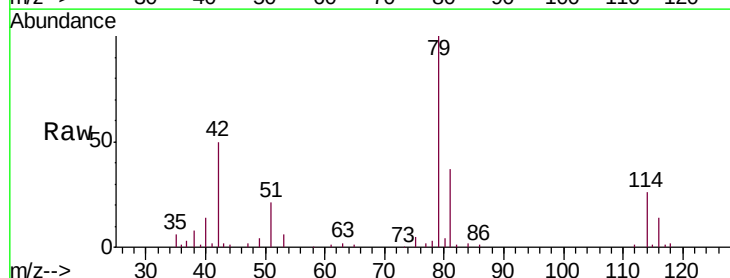
Instrument :
 MSVOA_W
 ClientSampleId :
 GAEP0

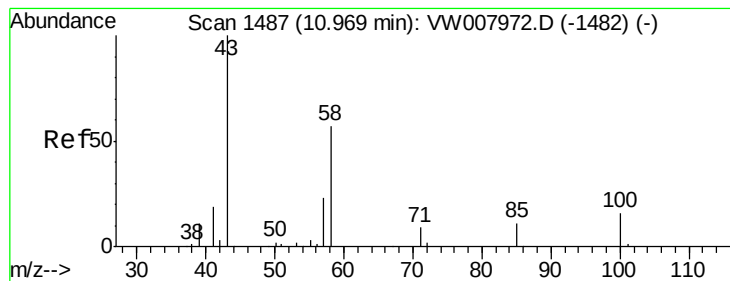
Tgt Ion: 63 Resp: 4260
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#42
 cis-1,3-Dichloropropene
 Concen: 0.658 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW007984.D
 Acq: 27 Dec 2018 21:46

Tgt Ion: 75 Resp: 1330
 Ion Ratio Lower Upper
 75 100
 77 35.1 23.0 42.8





#49

2-Hexanone

Concen: 3.671 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW007984.D

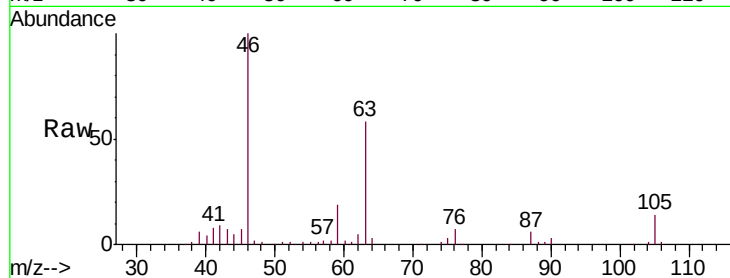
Acq: 27 Dec 2018 21:46

Instrument :

MSVOA_W

ClientSampleId :

GAEP0



Tgt Ion: 43 Resp: 2428

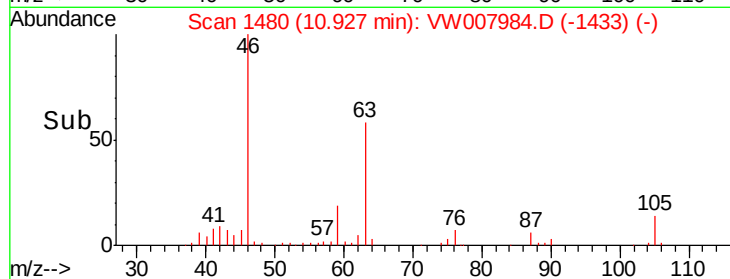
Ion Ratio Lower Upper

43 100

58 28.2 46.2 69.4#

57 25.7 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

