

Data File : VW007989.D
Acq On : 27 Dec 2018 23:56
Operator : SY/AP
Sample : J6540-14
Misc : 6.15G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAEP5

Quant Time: Dec 28 06:02:02 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	85005	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	79443	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	39041	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	18994	22.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.68%
7) Chloroethane-d5	2.90	69	12766	22.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.48%
10) 1,1-Dichloroethene-d2	4.01	63	38202	16.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.36%
20) 2-Butanone-d5	7.07	46	23653	66.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.40%
24) Chloroform-d	7.65	84	53488	23.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	8.31	65	35696	26.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.32%
29) Benzene-d6	8.27	84	99389	22.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.24%
33) 1,2-Dichloropropane-d6	9.27	67	28043	23.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.56%
37) Toluene-d8	10.32	98	95065	21.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.60%
38) trans-1,3-Dichloropropene-	10.58	79	16226	23.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.28%
39) 2-Hexanone-d5	10.93	63	20569	66.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	34238	29.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	37613	23.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.40%

Target Compounds

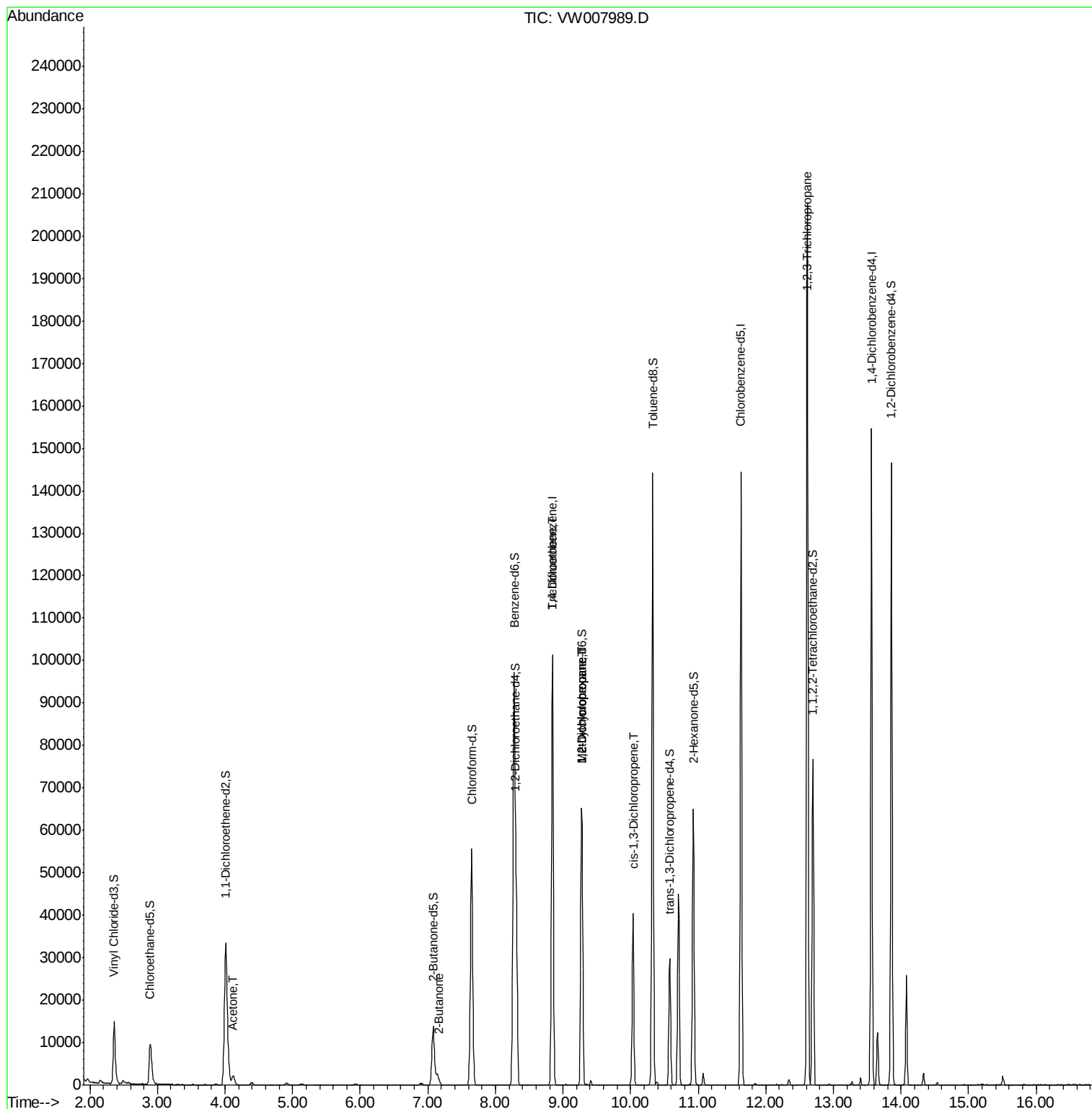
					Qvalue
13) Acetone	4.12	43	3887	11.136 ug/L	97
21) 2-Butanone	7.17	43	490	1.234 ug/L #	46
35) Trichloroethene	8.84	95	2742	2.220 ug/L #	5
36) Methylcyclohexane	9.27	83	7754	3.661 ug/L #	19
40) 1,2-Dichloropropane	9.28	63	3683	3.686 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1117	0.640 ug/L	89
59) 1,2,3-Trichloropropene	12.61	75	1892	2.244 ug/L #	43

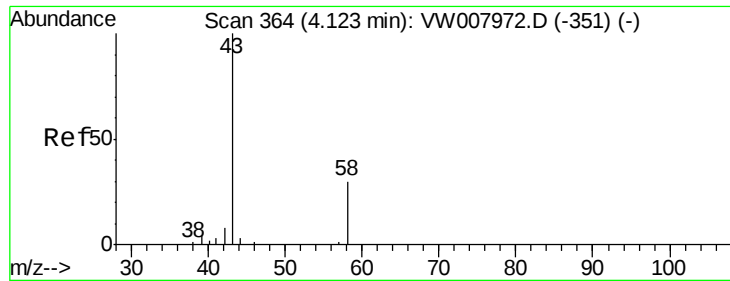
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.136 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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Acq: 27 Dec 2018 23:56

Instrument :

MSVOA_W

ClientSampleId :

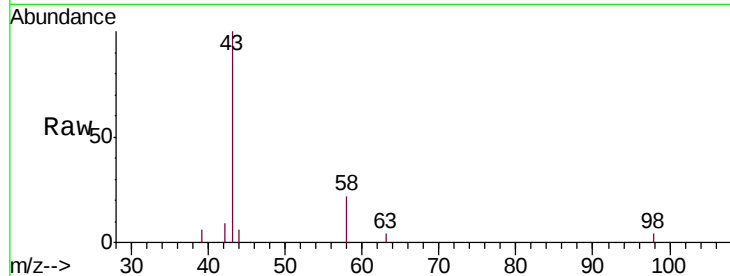
GAEP5

Tgt Ion: 43 Resp: 3887

Ion Ratio Lower Upper

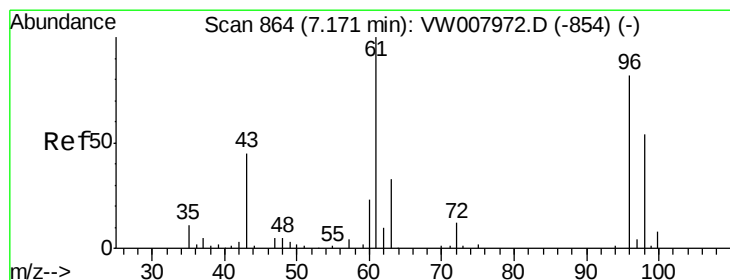
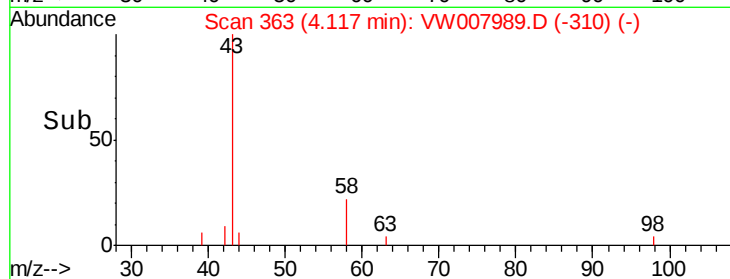
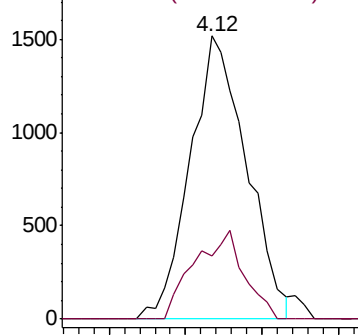
43 100

58 27.7 0.0 58.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 1.234 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW007989.D

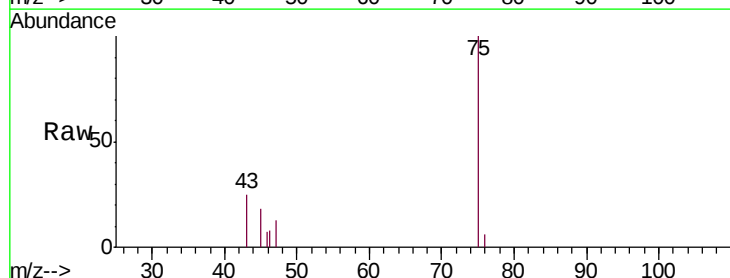
Acq: 27 Dec 2018 23:56

Tgt Ion: 43 Resp: 490

Ion Ratio Lower Upper

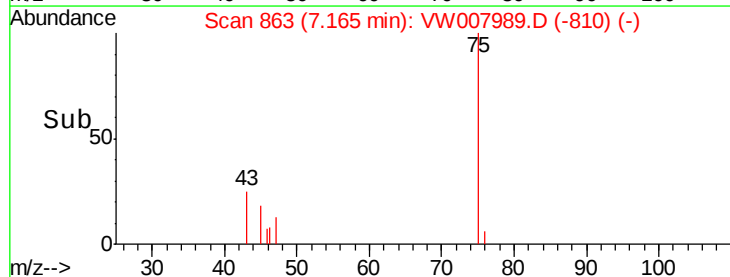
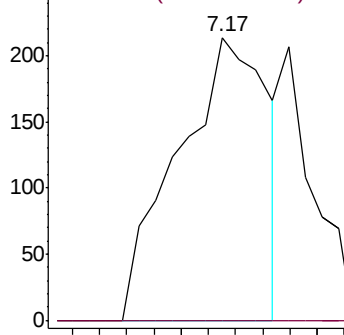
43 100

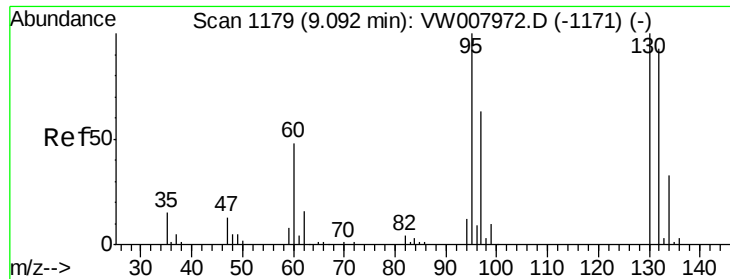
72 0.0 14.4 43.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#35

Trichloroethene

Concen: 2.220 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Instrument :

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ClientSampleId :

GAEP5

Tgt Ion: 95 Resp: 2742

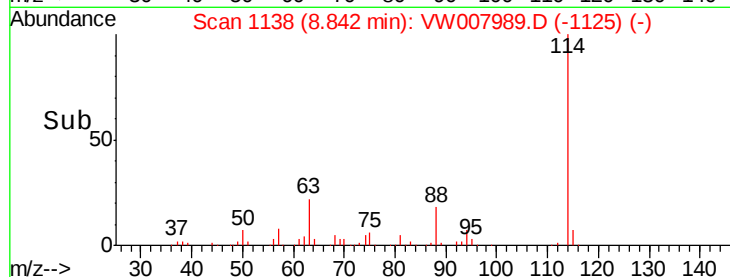
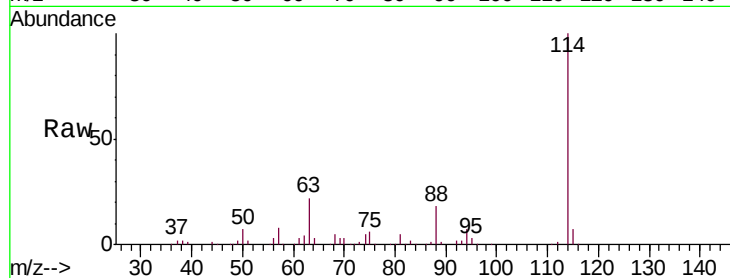
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.5#

132 0.0 67.8 126.0#

130 0.0 70.3 130.7#

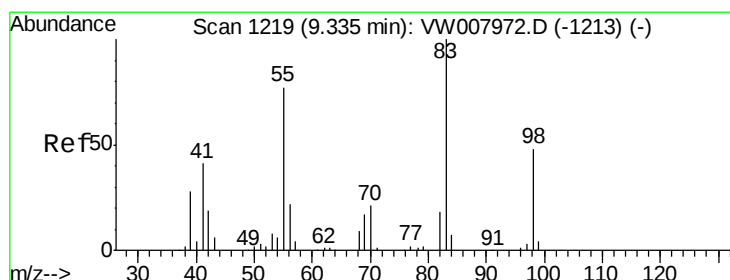
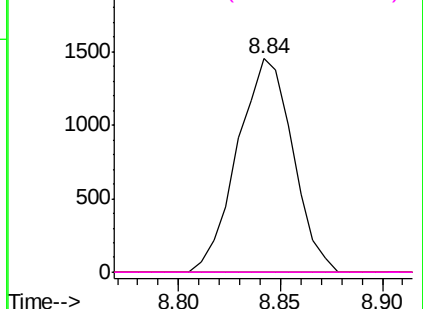


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.661 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW007989.D

Acq: 27 Dec 2018 23:56

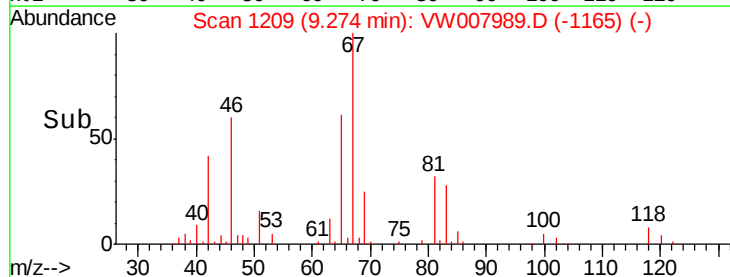
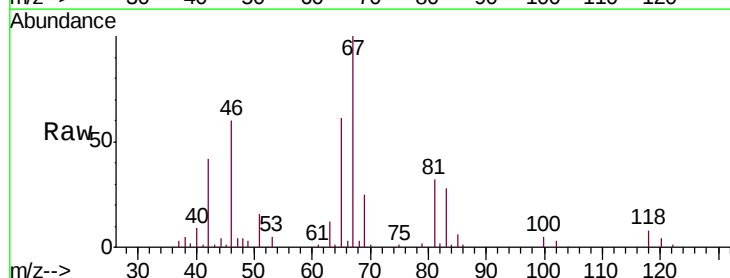
Tgt Ion: 83 Resp: 7754

Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.0#

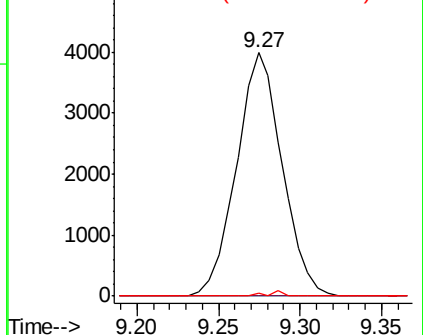
98 0.2 38.2 57.2#

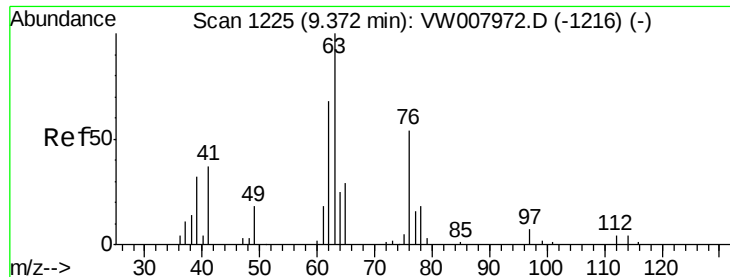


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

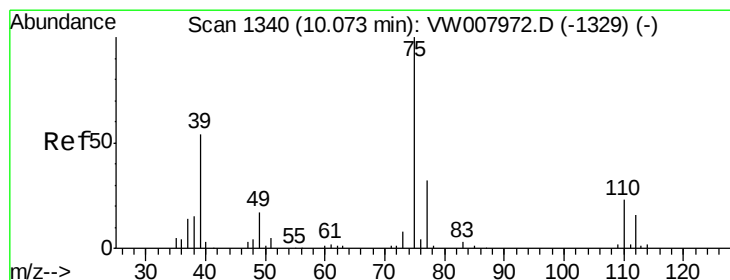
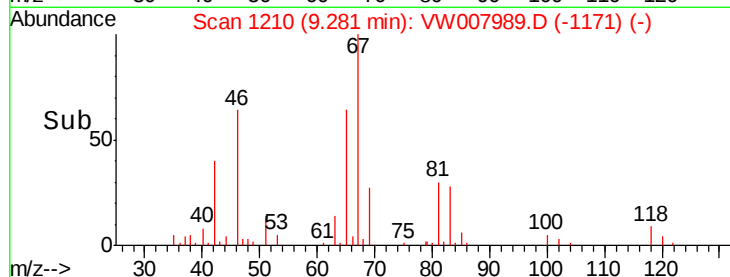
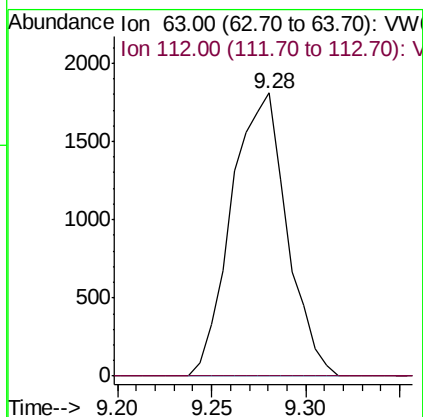
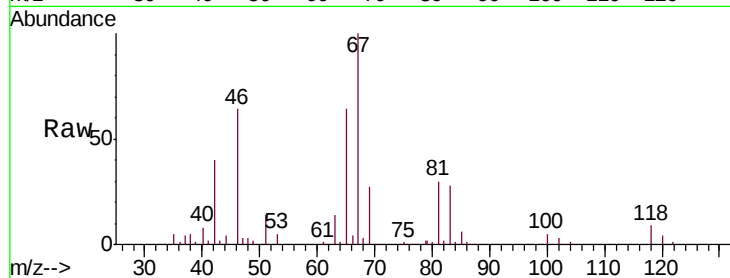




#40
 1,2-Dichloropropane
 Concen: 3.686 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW007989.D
 Acq: 27 Dec 2018 23:56

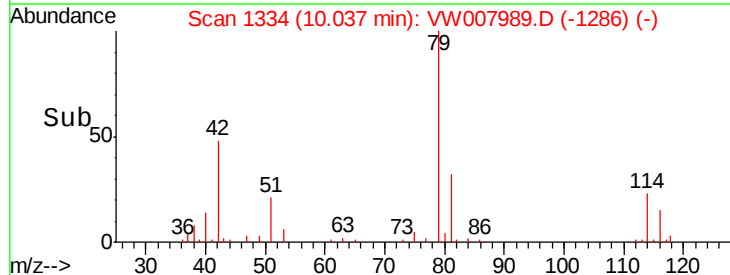
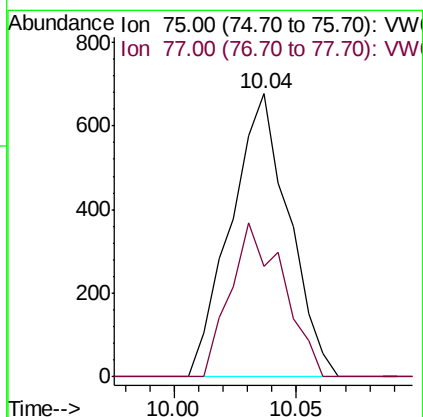
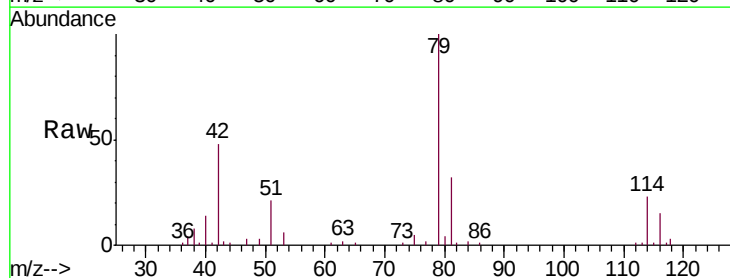
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 MSVOA_W
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 GAEP5

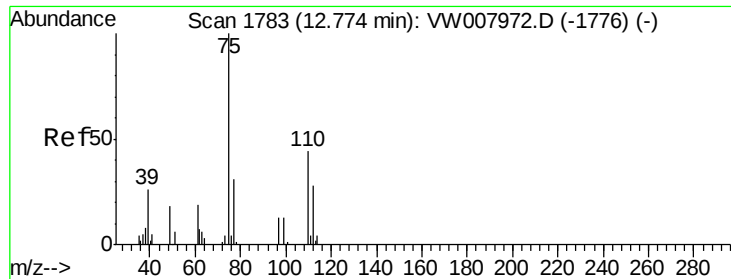
Tgt Ion: 63 Resp: 3683
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#42
 cis-1,3-Dichloropropene
 Concen: 0.640 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW007989.D
 Acq: 27 Dec 2018 23:56

Tgt Ion: 75 Resp: 1117
 Ion Ratio Lower Upper
 75 100
 77 39.3 23.0 42.8





#59

1,2,3-Trichloropropane

Concen: 2.244 ug/L

RT: 12.61 min Scan# 1756

Delta R.T. -0.16 min

Lab File: VW007989.D

Acq: 27 Dec 2018 23:56

Instrument :

MSVOA_W

ClientSampleId :

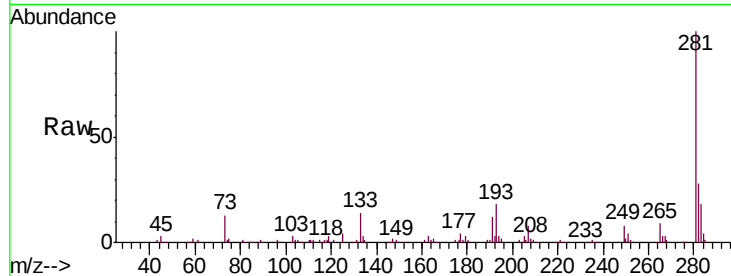
GAEP5

Tgt Ion: 75 Resp: 1892

Ion Ratio Lower Upper

75 100

77 0.0 25.5 38.3#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

