

Data File : VW007985.D
Acq On : 27 Dec 2018 22:12
Operator : SY/AP
Sample : J6540-10
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAEP1

Quant Time: Dec 28 06:01:16 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	95666	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	91201	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	45150	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	21487	22.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.16%
7) Chloroethane-d5	2.89	69	14446	22.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.96%
10) 1,1-Dichloroethene-d2	4.01	63	42286	16.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.28%
20) 2-Butanone-d5	7.07	46	25538	63.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.04%
24) Chloroform-d	7.65	84	61550	24.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.72%
26) 1,2-Dichloroethane-d4	8.31	65	42160	27.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.52%
29) Benzene-d6	8.27	84	113426	22.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.72%
33) 1,2-Dichloropropane-d6	9.27	67	32885	23.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.56%
37) Toluene-d8	10.32	98	109932	22.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.24%
38) trans-1,3-Dichloropropene-	10.58	79	19964	24.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.96%
39) 2-Hexanone-d5	10.93	63	23689	66.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	39476	29.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	44023	24.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.56%

Target Compounds

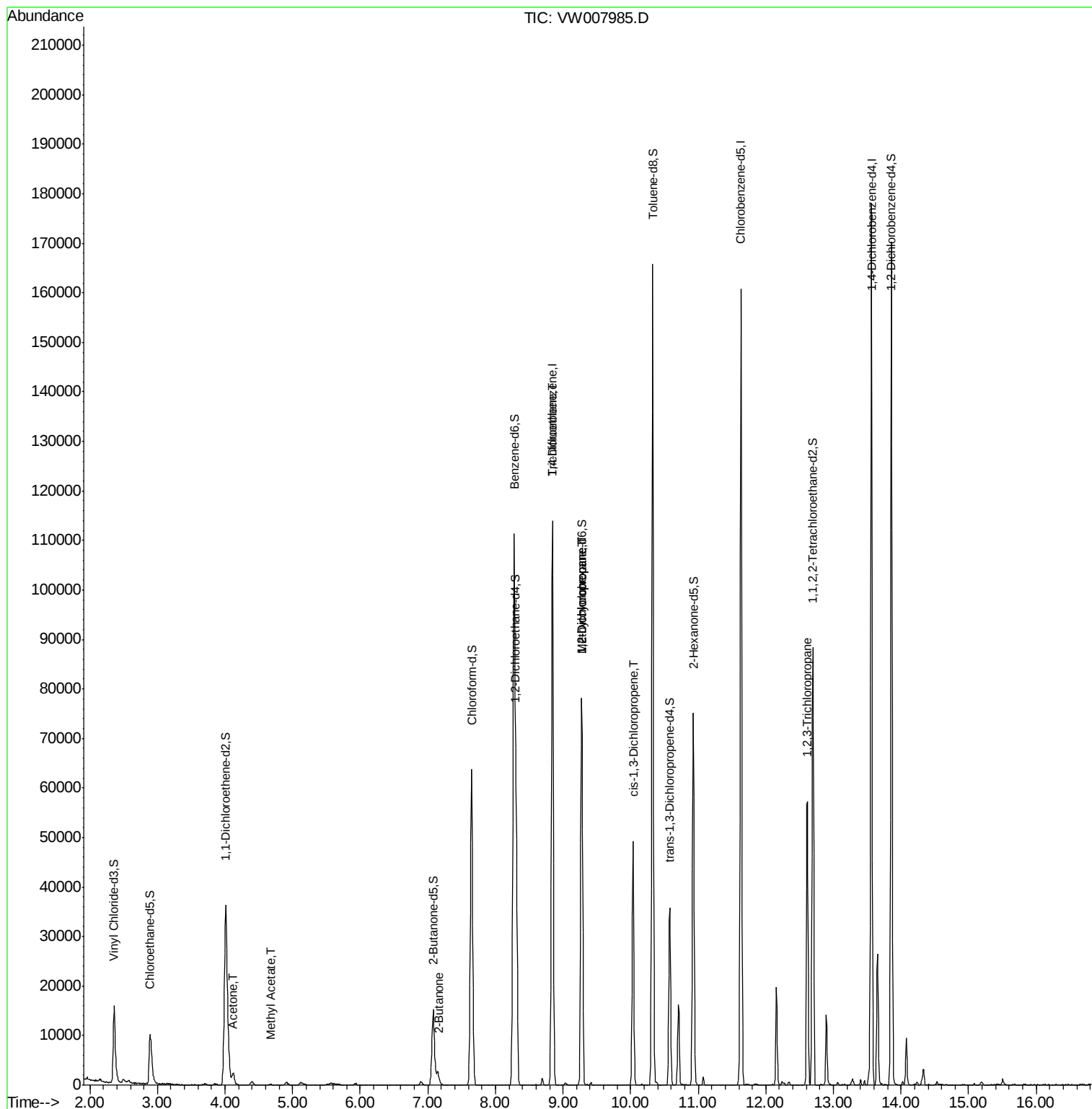
					Qvalue
13) Acetone	4.11	43	1760	4.480 ug/L	52
15) Methyl Acetate	4.68	43	322	0.539 ug/L #	50
21) 2-Butanone	7.17	43	492	1.101 ug/L #	65
35) Trichloroethene	8.85	95	3063	2.160 ug/L #	5
36) Methylcyclohexane	9.27	83	9021	3.710 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	4231	3.688 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	1297	0.648 ug/L #	78
59) 1,2,3-Trichloropropane	12.61	75	477	0.493 ug/L #	43

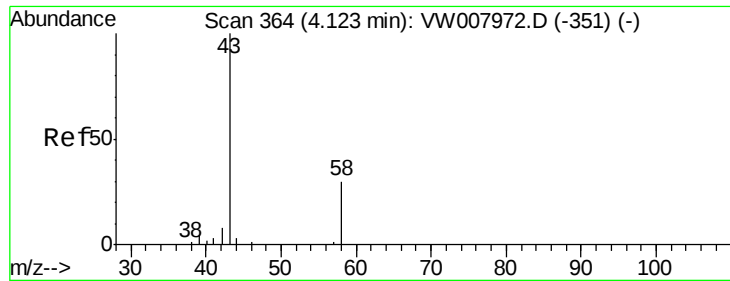
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.480 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW007985.D

Acq: 27 Dec 2018 22:12

Instrument :

MSVOA_W

ClientSampled :

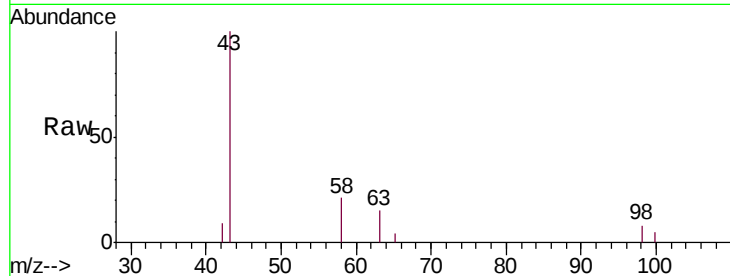
GAEP1

Tgt Ion: 43 Resp: 1760

Ion Ratio Lower Upper

43 100

58 55.0 0.0 58.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.11

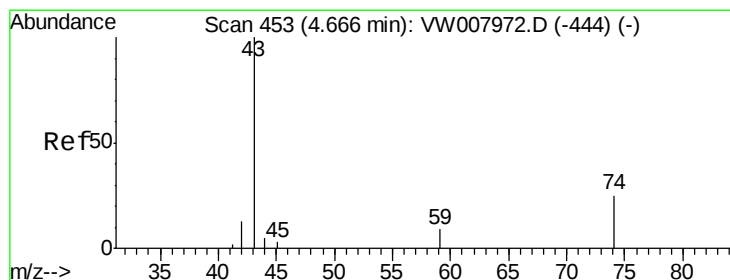
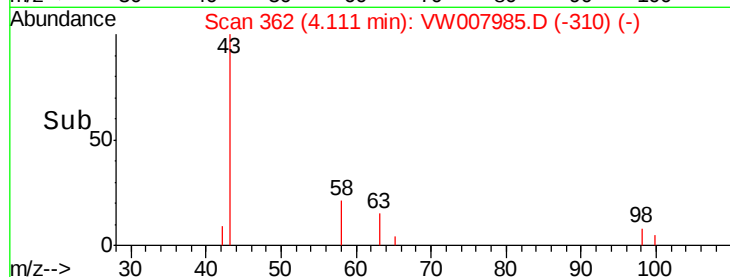
1500

1000

500

0

Time-->



#15

Methyl Acetate

Concen: 0.539 ug/L

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW007985.D

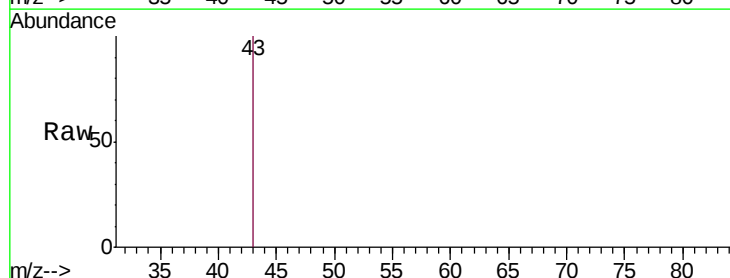
Acq: 27 Dec 2018 22:12

Tgt Ion: 43 Resp: 322

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

4.68

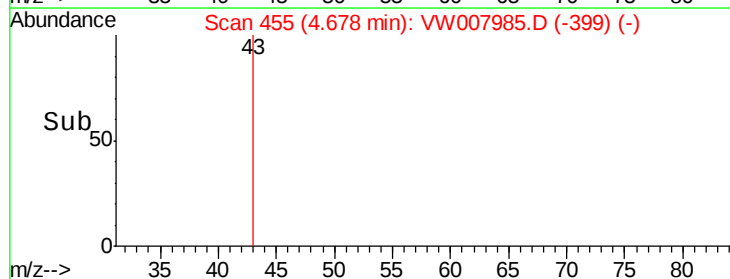
150

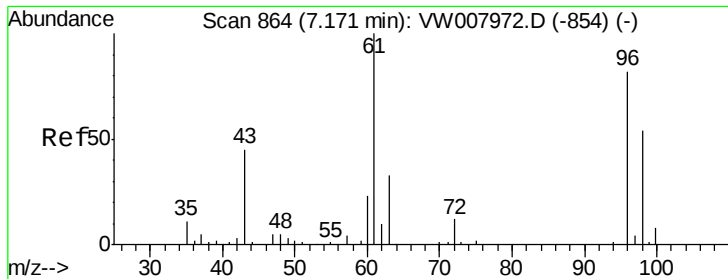
100

50

0

Time-->





#21

2-Butanone

Concen: 1.101 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007985.D

Acq: 27 Dec 2018 22:12

Instrument :

MSVOA_W

ClientSampleId :

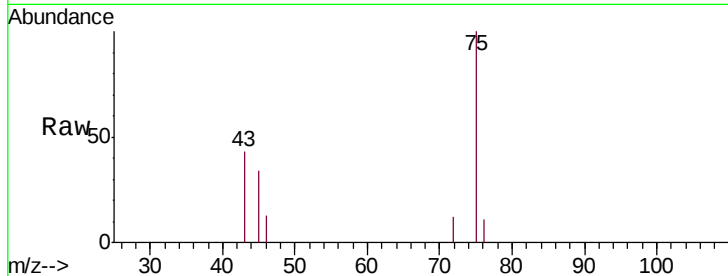
GAEP1

Tgt Ion: 43 Resp: 492

Ion Ratio Lower Upper

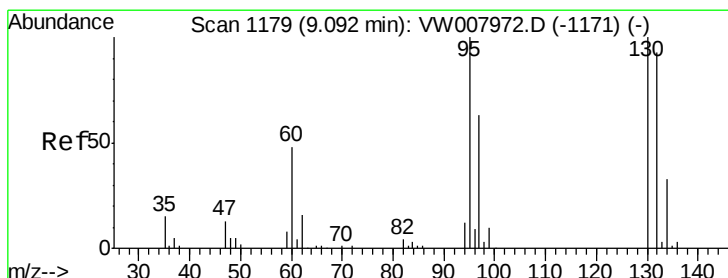
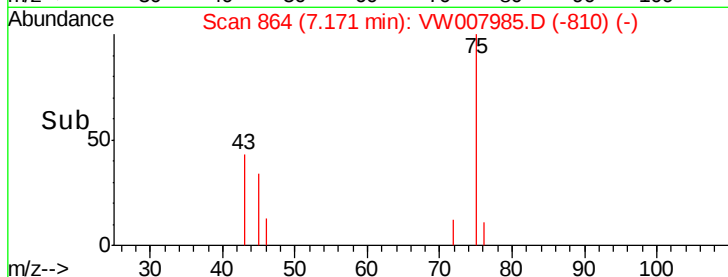
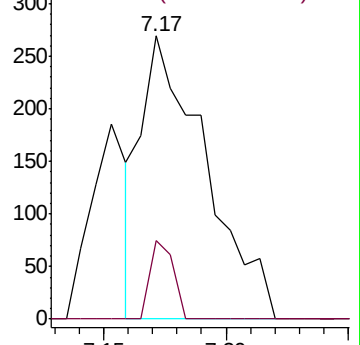
43 100

72 10.2 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: 2.160 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW007985.D

Acq: 27 Dec 2018 22:12

Tgt Ion: 95 Resp: 3063

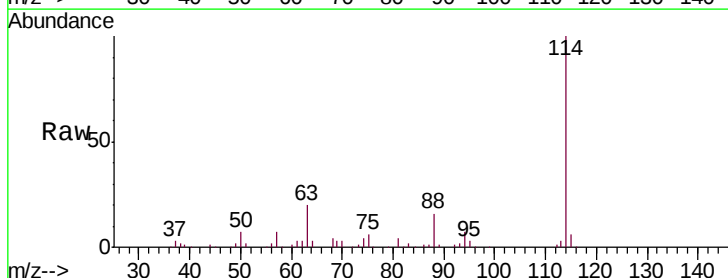
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.5#

132 0.0 67.8 126.0#

130 0.0 70.3 130.7#

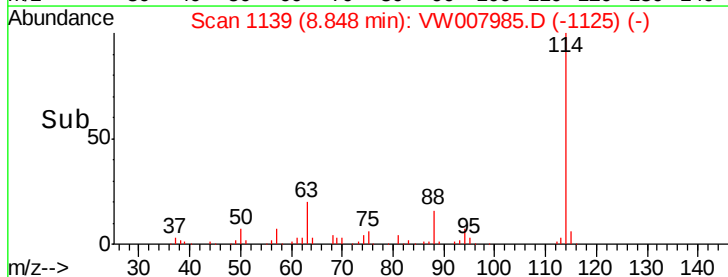
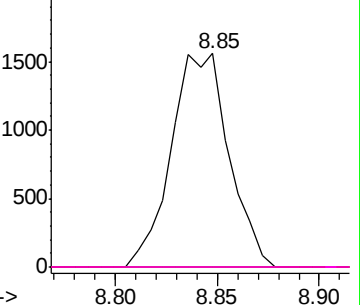


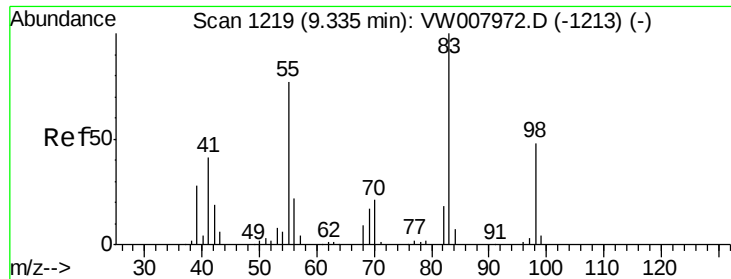
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

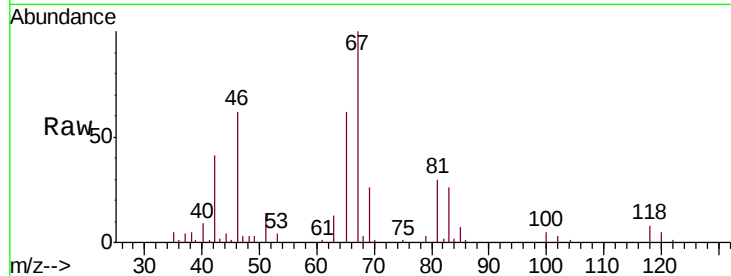




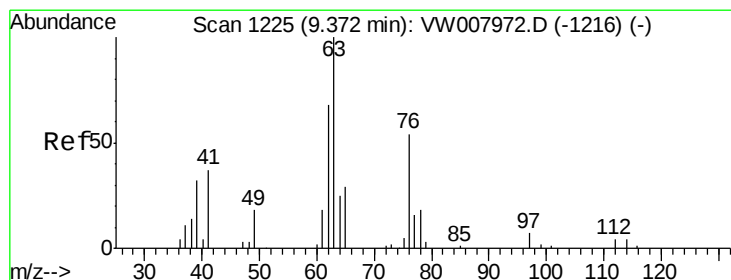
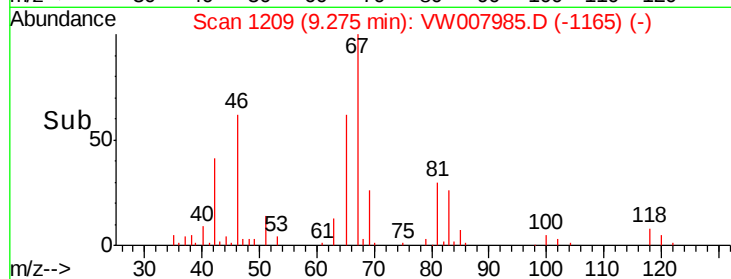
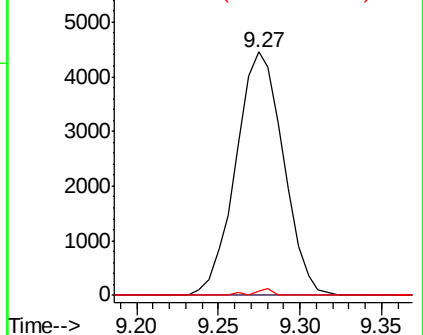
#36
Methylcyclohexane
Concen: 3.710 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW007985.D
Acq: 27 Dec 2018 22:12

Instrument :
MSVOA_W
ClientSampleId :
GAEP1

Tgt Ion: 83 Resp: 9021
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.8 38.2 57.2#

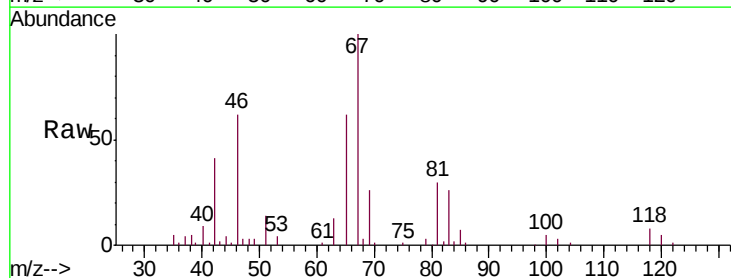


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

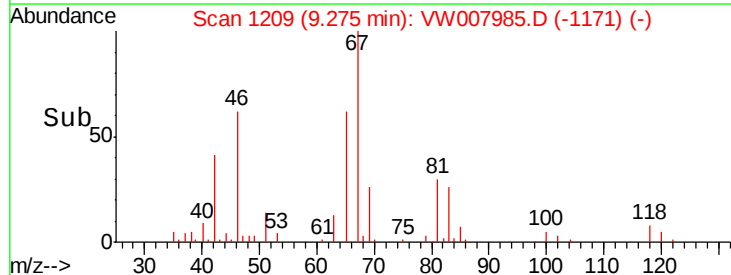
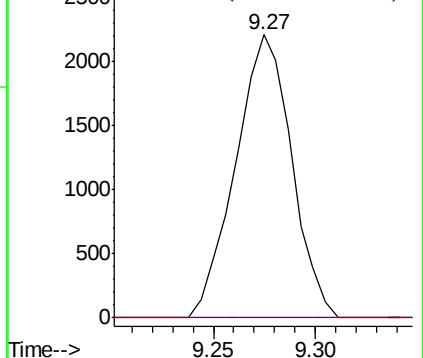


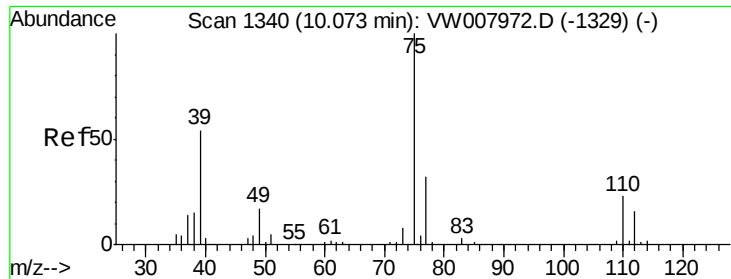
#40
1,2-Dichloropropane
Concen: 3.688 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW007985.D
Acq: 27 Dec 2018 22:12

Tgt Ion: 63 Resp: 4231
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VW
Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.648 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW007985.D

Acq: 27 Dec 2018 22:12

Instrument :

MSVOA_W

ClientSampleId :

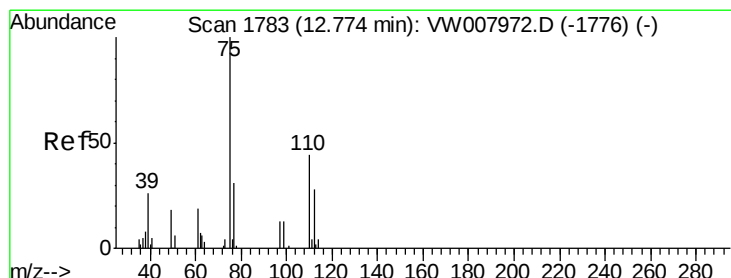
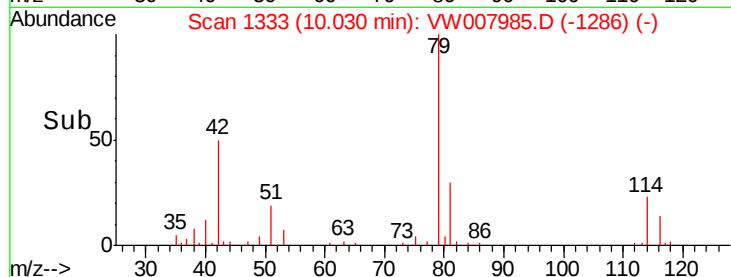
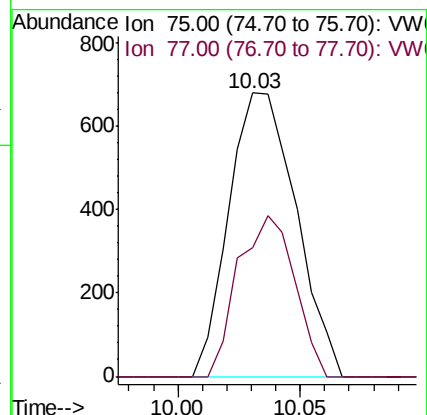
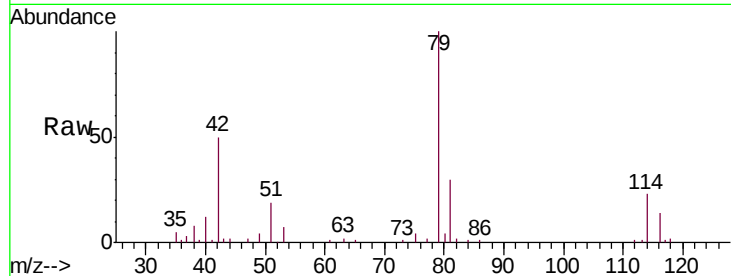
GAEP1

Tgt Ion: 75 Resp: 1297

Ion Ratio Lower Upper

75 100

77 45.4 23.0 42.8#



#59

1,2,3-Trichloropropane

Concen: 0.493 ug/L

RT: 12.61 min Scan# 1756

Delta R.T. -0.16 min

Lab File: VW007985.D

Acq: 27 Dec 2018 22:12

Tgt Ion: 75 Resp: 477

Ion Ratio Lower Upper

75 100

77 0.0 25.5 38.3#

