

Data File : VW007987.D
Acq On : 27 Dec 2018 23:04
Operator : SY/AP
Sample : J6540-12
Misc : 7.16G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAEP3

Quant Time: Dec 28 06:01:38 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	93263	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	87376	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	43239	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	19332	21.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.12%
7) Chloroethane-d5	2.90	69	13570	21.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.64%
10) 1,1-Dichloroethene-d2	4.01	63	39516	15.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.52%
20) 2-Butanone-d5	7.08	46	21571	55.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.06%
24) Chloroform-d	7.65	84	57057	23.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	8.30	65	37489	25.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.80%
29) Benzene-d6	8.27	84	106222	21.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.72%
33) 1,2-Dichloropropane-d6	9.27	67	29837	22.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.52%
37) Toluene-d8	10.32	98	102091	21.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.52%
38) trans-1,3-Dichloropropene-	10.58	79	17198	22.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.88%
39) 2-Hexanone-d5	10.93	63	19442	57.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	34185	26.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	40085	22.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.80%

Target Compounds

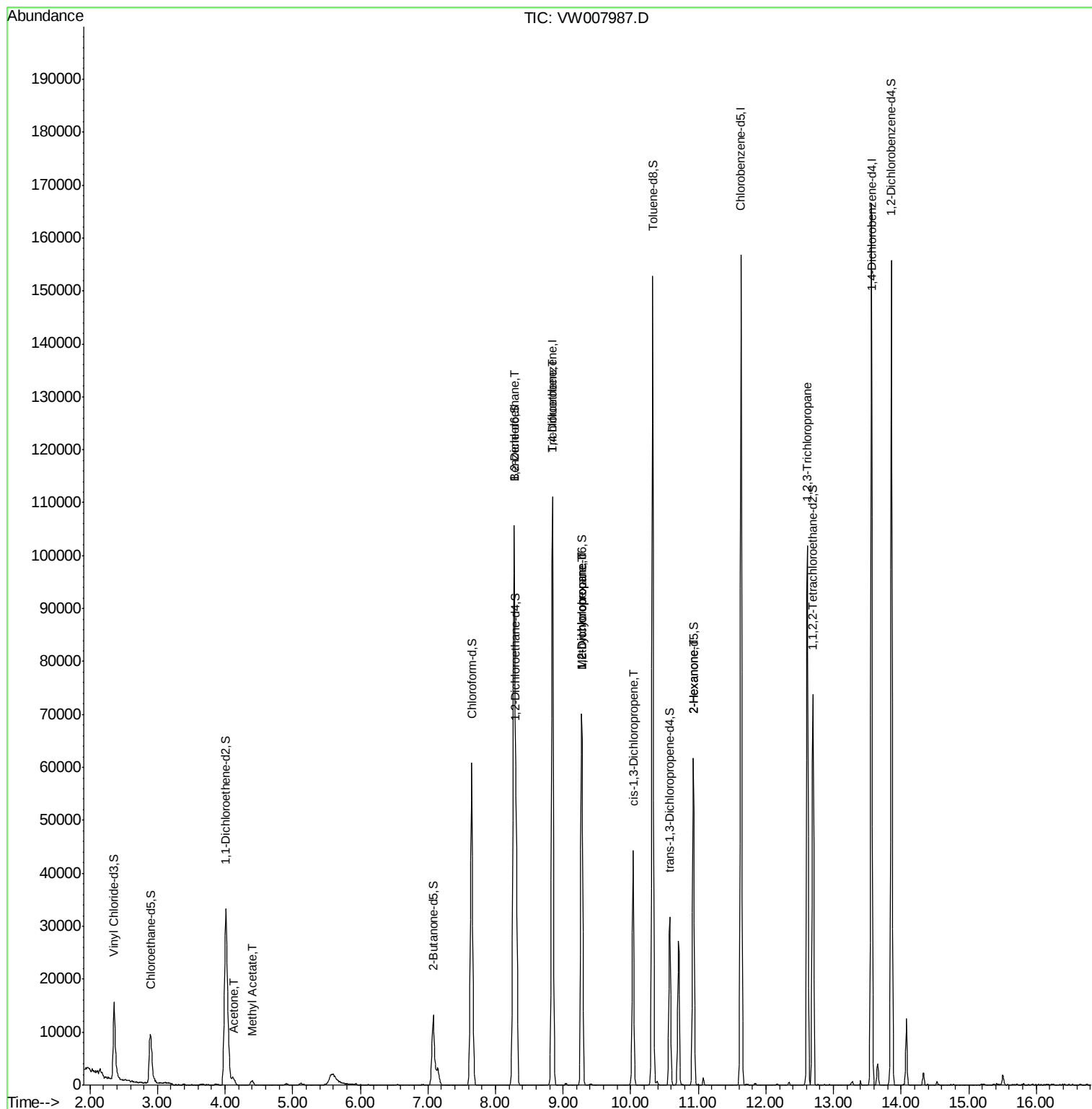
					Qvalue
13) Acetone	4.13	43	2223	5.805 ug/L	86
15) Methyl Acetate	4.41	43	270	0.463 ug/L #	50
27) 1,2-Dichloroethane	8.27	62	764	0.475 ug/L #	80
35) Trichloroethene	8.84	95	2976	2.191 ug/L #	5
36) Methylcyclohexane	9.27	83	8157	3.502 ug/L #	20
40) 1,2-Dichloropropane	9.27	63	3736	3.399 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1175	0.612 ug/L	97
49) 2-Hexanone	10.93	43	2567	4.090 ug/L #	69
59) 1,2,3-Trichloropropane	12.62	75	951	1.026 ug/L #	43

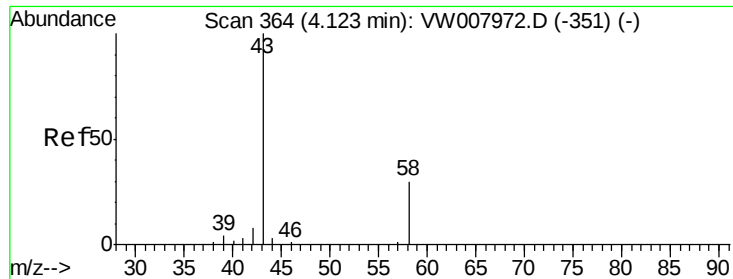
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.805 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007987.D

Acq: 27 Dec 2018 23:04

Instrument :

MSVOA_W

ClientSampled :

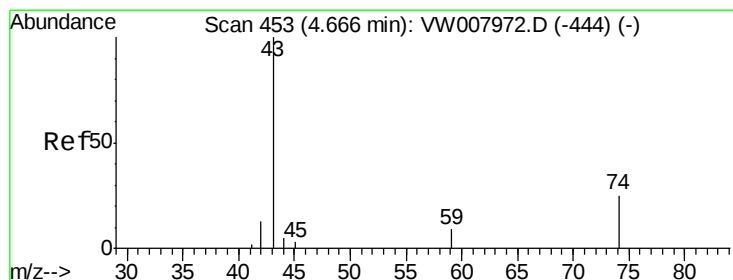
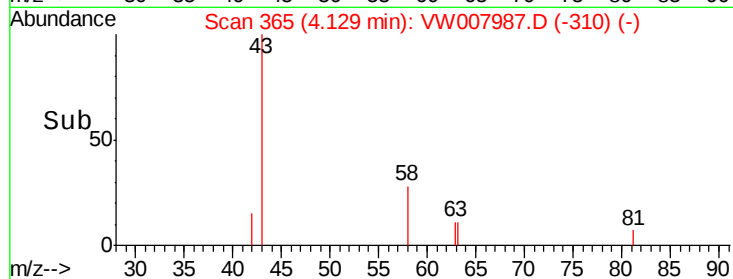
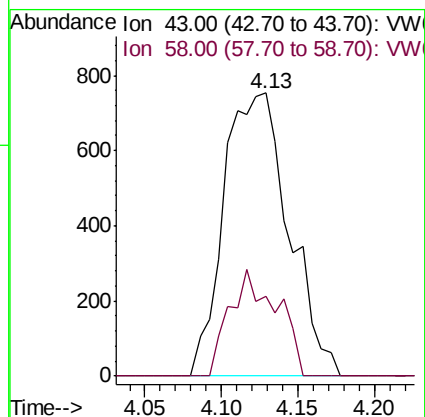
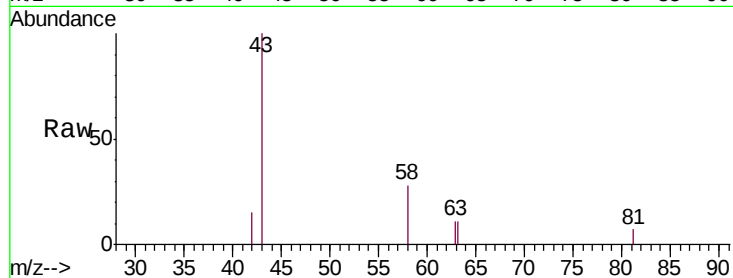
GAEP3

Tgt Ion: 43 Resp: 2223

Ion Ratio Lower Upper

43 100

58 22.0 0.0 58.6



#15

Methyl Acetate

Concen: 0.463 ug/L

RT: 4.41 min Scan# 411

Delta R.T. -0.26 min

Lab File: VW007987.D

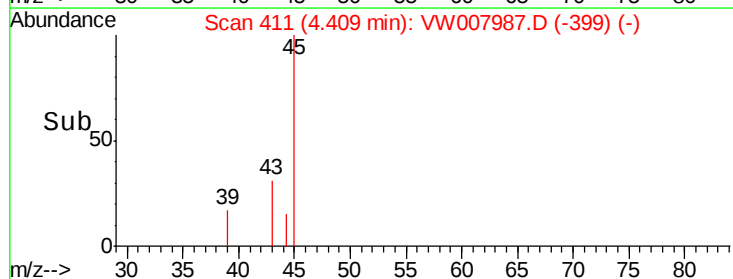
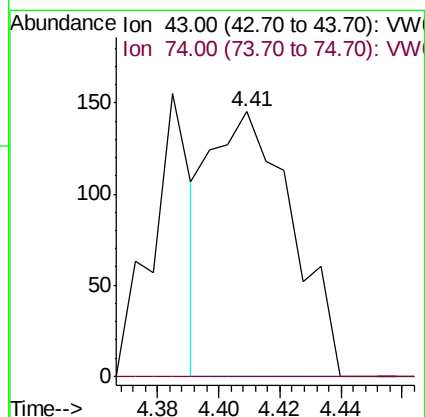
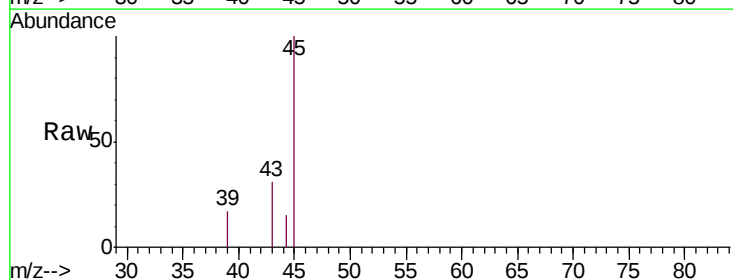
Acq: 27 Dec 2018 23:04

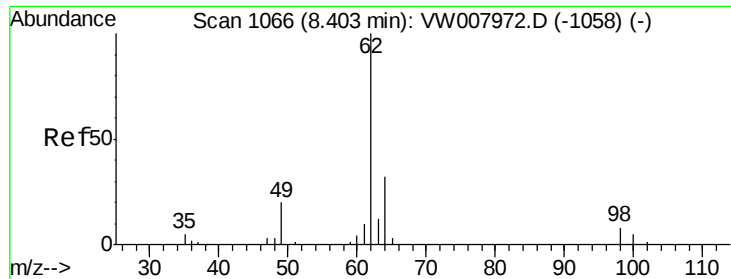
Tgt Ion: 43 Resp: 270

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#

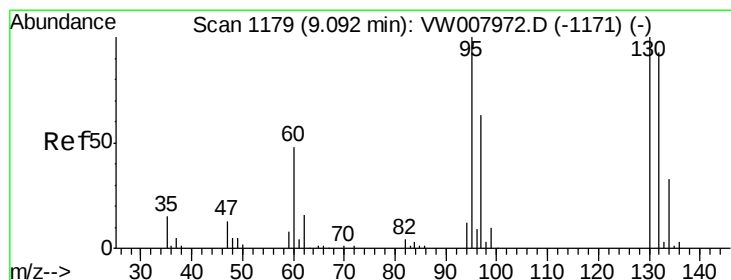
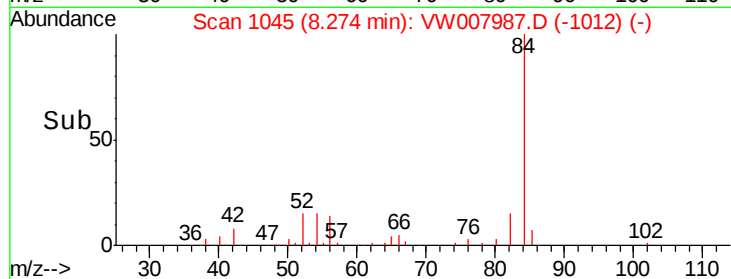
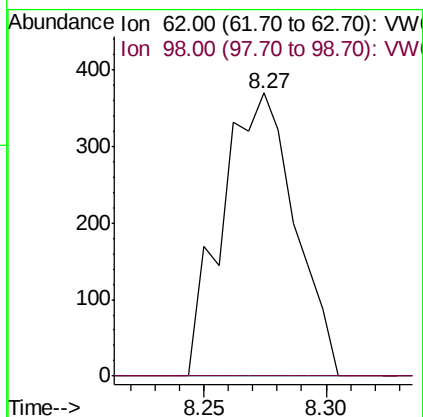
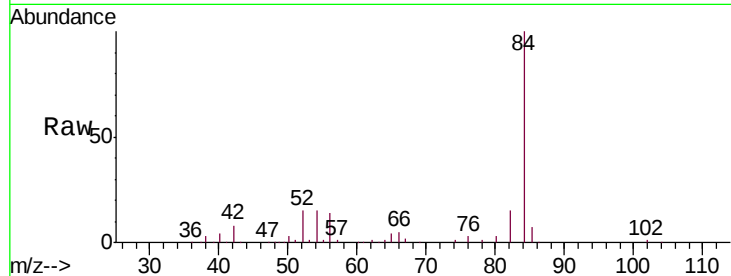




#27
 1,2-Dichloroethane
 Concen: 0.475 ug/L
 RT: 8.27 min Scan# 1045
 Delta R.T. -0.13 min
 Lab File: VW007987.D
 Acq: 27 Dec 2018 23:04

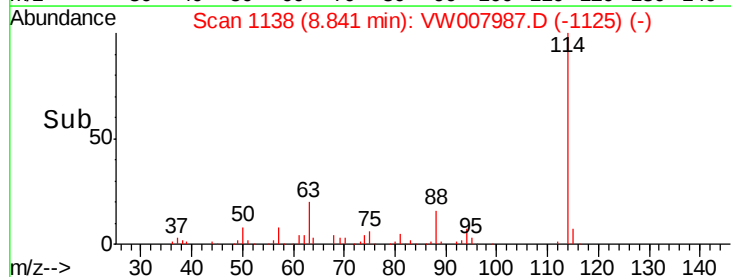
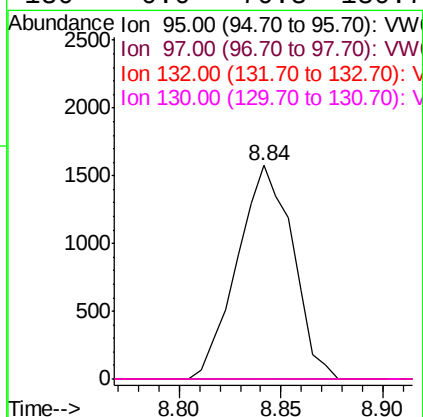
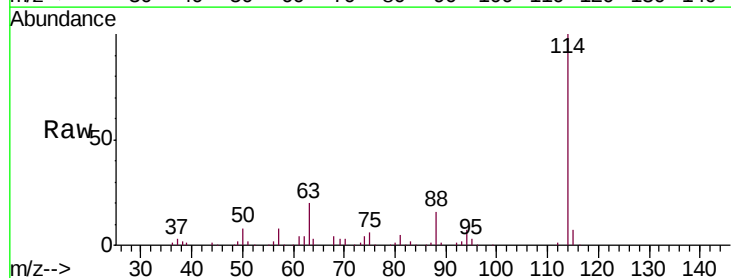
Instrument :
 MSVOA_W
 ClientSampled :
 GAEP3

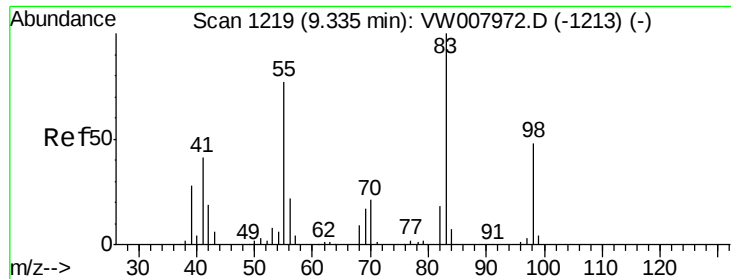
Tgt Ion: 62 Resp: 764
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.4 8.2#



#35
 Trichloroethene
 Concen: 2.191 ug/L
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.25 min
 Lab File: VW007987.D
 Acq: 27 Dec 2018 23:04

Tgt Ion: 95 Resp: 2976
 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#

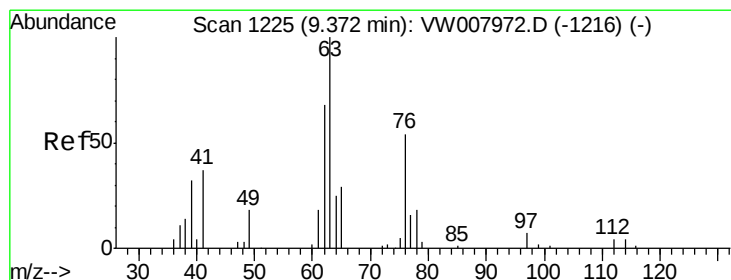
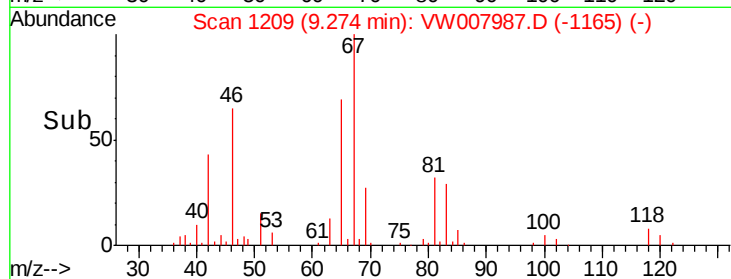
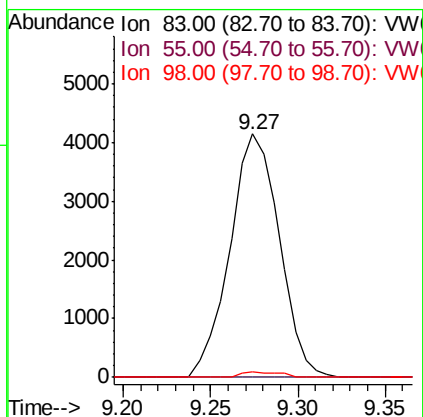
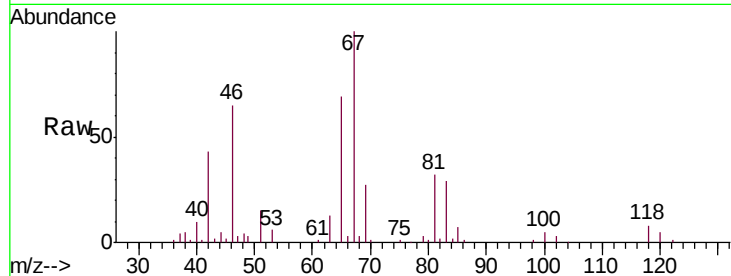




#36
Methylcyclohexane
Concen: 3.502 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW007987.D
Acq: 27 Dec 2018 23:04

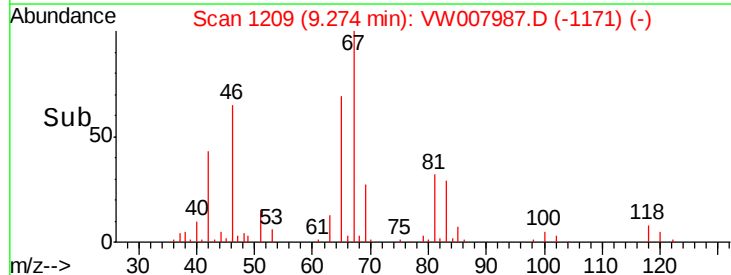
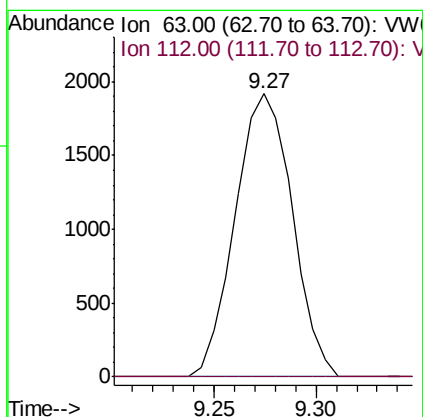
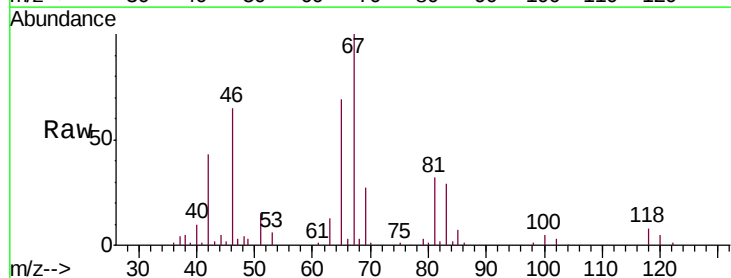
Instrument :
MSVOA_W
ClientSampled :
GAEP3

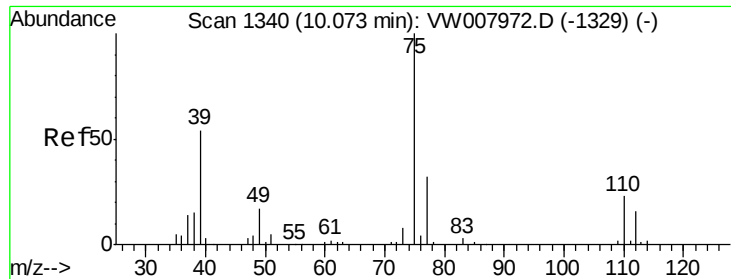
Tgt Ion: 83 Resp: 8157
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 1.4 38.2 57.2#



#40
1,2-Dichloropropane
Concen: 3.399 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW007987.D
Acq: 27 Dec 2018 23:04

Tgt Ion: 63 Resp: 3736
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#





#42

cis-1,3-Dichloropropene

Concen: 0.612 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007987.D

Acq: 27 Dec 2018 23:04

Instrument :

MSVOA_W

ClientSampleId :

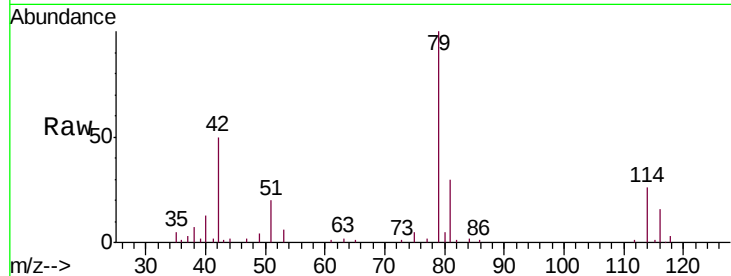
GAEP3

Tgt Ion: 75 Resp: 1175

Ion Ratio Lower Upper

75 100

77 31.3 23.0 42.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.04

800

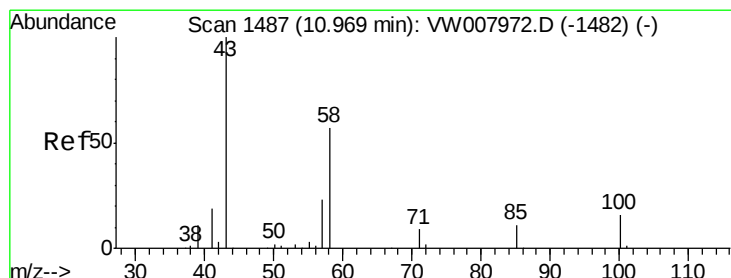
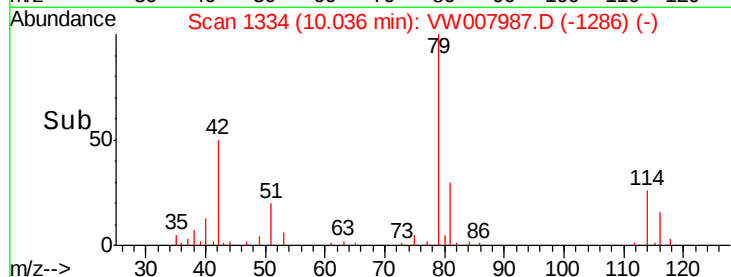
600

400

200

0

Time-->



#49

2-Hexanone

Concen: 4.090 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW007987.D

Acq: 27 Dec 2018 23:04

Tgt Ion: 43 Resp: 2567

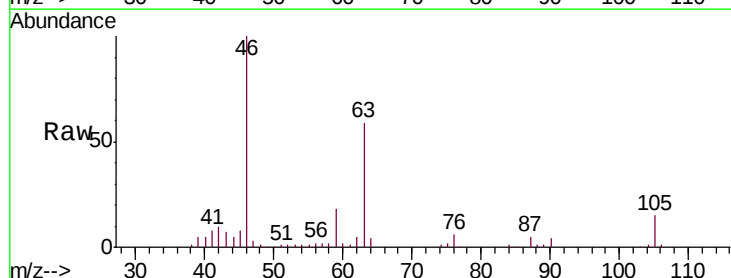
Ion Ratio Lower Upper

43 100

58 27.7 46.2 69.4#

57 24.8 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

2000

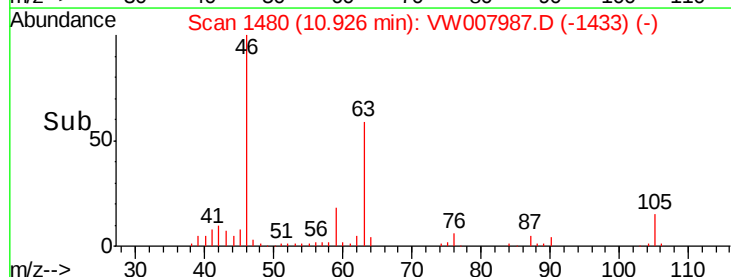
1500

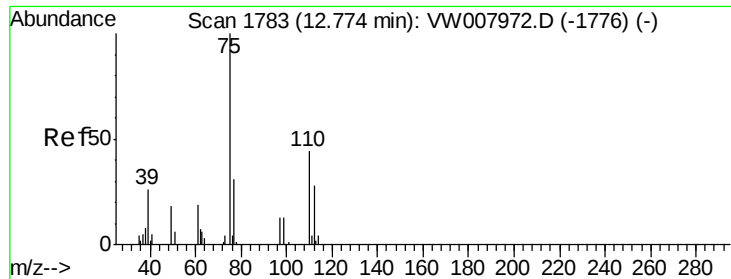
1000

500

0

Time-->





#59

1,2,3-Trichloropropane

Concen: 1.026 ug/L

RT: 12.62 min Scan# 1757

Delta R.T. -0.16 min

Lab File: VW007987.D

Acq: 27 Dec 2018 23:04

Instrument :

MSVOA_W

ClientSampleId :

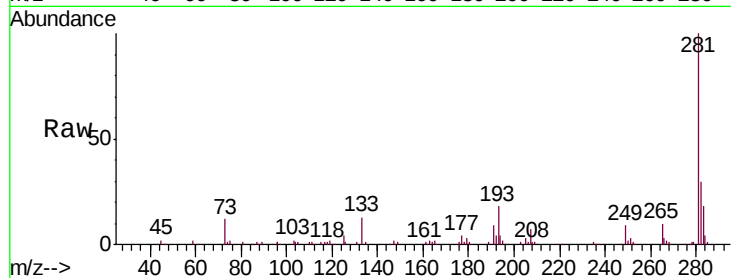
GAEP3

Tgt Ion: 75 Resp: 951

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

12.62

600

400

200

0

12.60 12.65

Time-->

