

Data File : VW007981.D
Acq On : 27 Dec 2018 20:29
Operator : SY/AP
Sample : J6540-03
Misc : 4.06G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAEN6

Quant Time: Dec 28 06:00:35 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	102145	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	96335	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	46965	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	22775	22.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.52%
7) Chloroethane-d5	2.90	69	16927	24.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.84%
10) 1,1-Dichloroethene-d2	4.01	63	48385	17.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.00%
20) 2-Butanone-d5	7.07	46	21358	49.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.50%
24) Chloroform-d	7.65	84	68935	25.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.48%
26) 1,2-Dichloroethane-d4	8.30	65	44467	27.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.16%
29) Benzene-d6	8.27	84	127513	23.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.40%
33) 1,2-Dichloropropane-d6	9.27	67	36152	24.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.40%
37) Toluene-d8	10.32	98	122879	23.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.36%
38) trans-1,3-Dichloropropene-	10.58	79	20318	24.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.32%
39) 2-Hexanone-d5	10.93	63	19217	51.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	36393	25.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	47899	25.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.00%

Target Compounds

					Qvalue	
12) 1,1-Dichloroethene	4.01	96	382	0.324	ug/L #	1
13) Acetone	4.12	43	2453	5.848	ug/L	85
27) 1,2-Dichloroethane	8.27	62	891	0.506	ug/L #	80
35) Trichloroethene	8.84	95	3260	2.177	ug/L #	5
36) Methylcyclohexane	9.28	83	10018	3.901	ug/L #	20
40) 1,2-Dichloropropane	9.27	63	4938	4.075	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1477	0.698	ug/L #	80

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

Data File : VW007981.D

Acq On : 27 Dec 2018 20:29

Operator : SY/AP

Sample : J6540-03

Misc : 4.06G/10ML/MSVOA W/SOIL

```
ALS Vial      : 1      Sample Multiplier: 1
```

Instrument :
MSVOA_W
ClientSampleId :
GAEN6

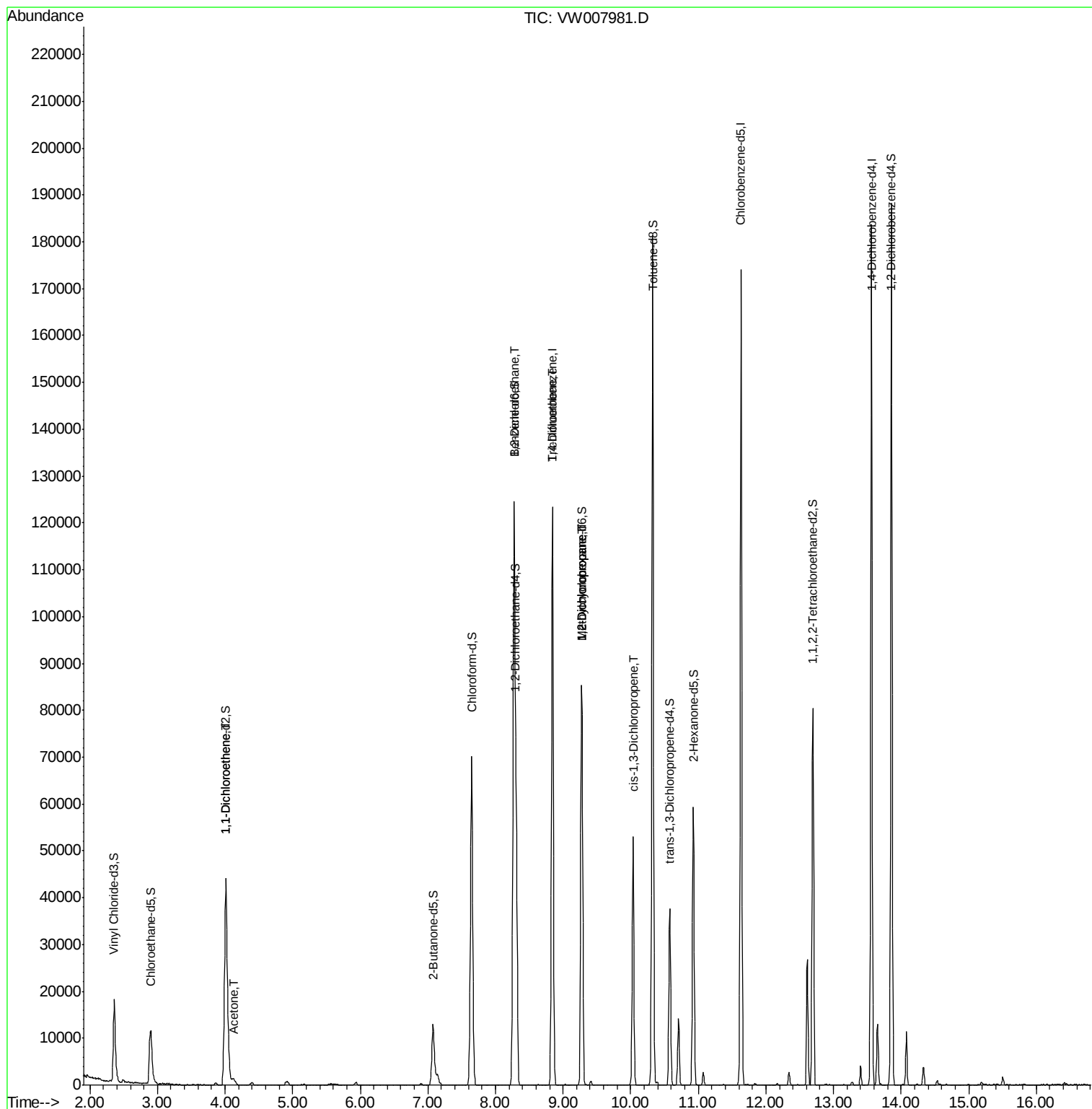
Quant Time: Dec 28 06:00:35 2018

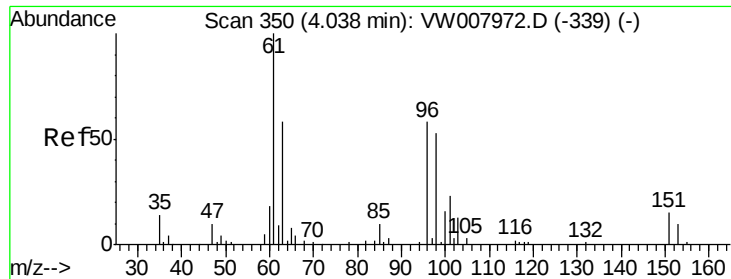
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M

Quant Title : VOC Analysis

QLast Update : Fri Dec 28 05:56:01 2018

Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.324 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.02 min

Lab File: VW007981.D

Acq: 27 Dec 2018 20:29

Instrument :

MSVOA_W

ClientSampleId :

GAEN6

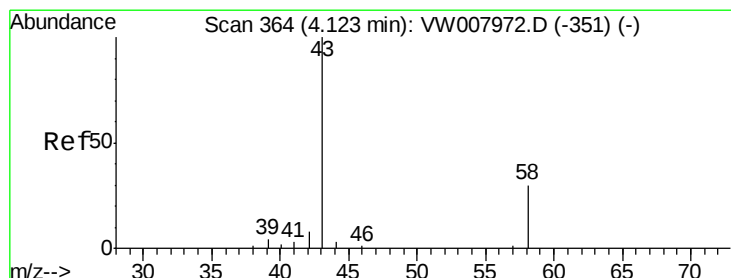
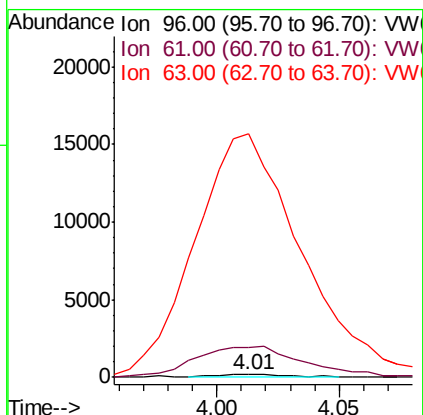
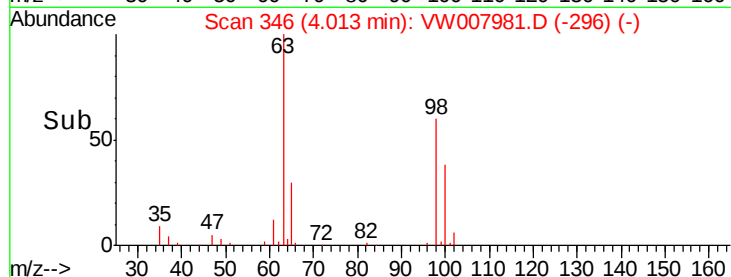
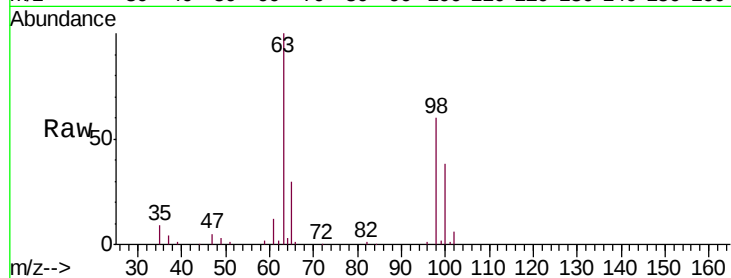
Tgt Ion: 96 Resp: 382

Ion Ratio Lower Upper

96 100

61 1200.6 120.3 223.3#

63 9742.2 91.6 170.0#



#13

Acetone

Concen: 5.848 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW007981.D

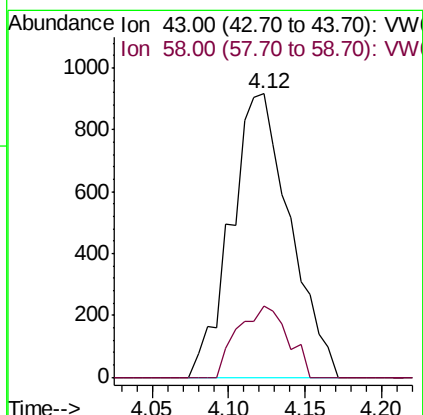
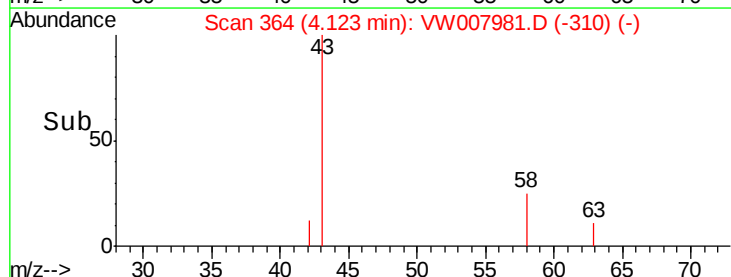
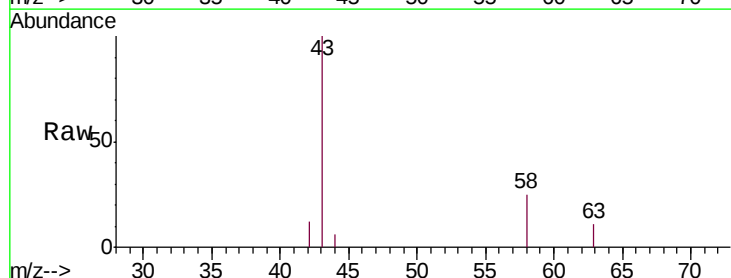
Acq: 27 Dec 2018 20:29

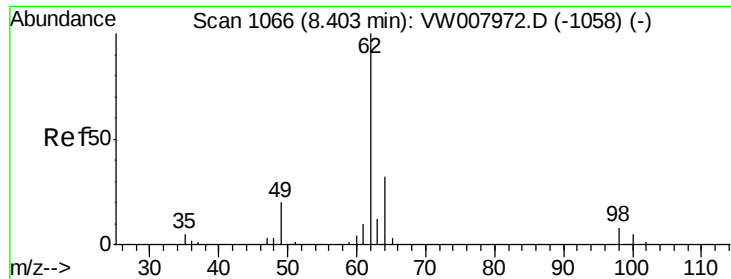
Tgt Ion: 43 Resp: 2453

Ion Ratio Lower Upper

43 100

58 21.2 0.0 58.6

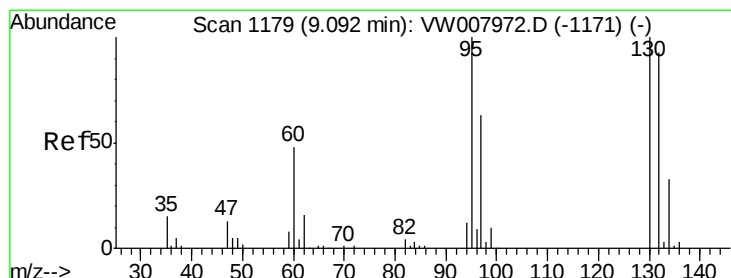
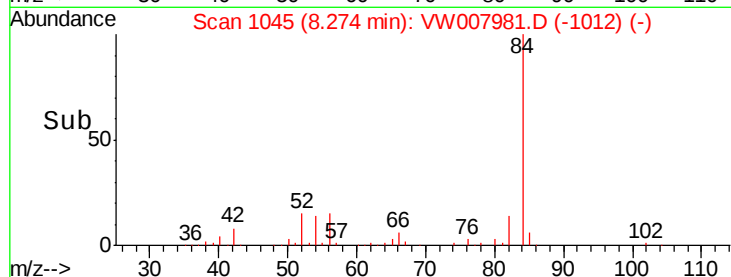
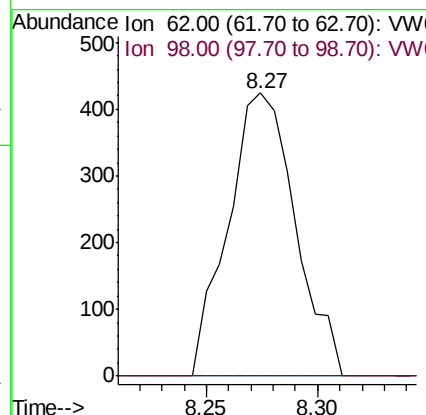
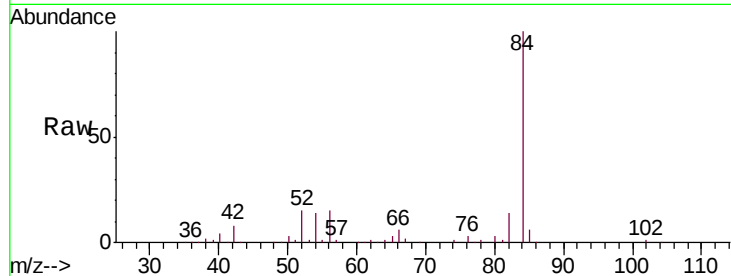




#27
 1,2-Dichloroethane
 Concen: 0.506 ug/L
 RT: 8.27 min Scan# 1045
 Delta R.T. -0.13 min
 Lab File: VW007981.D
 Acq: 27 Dec 2018 20:29

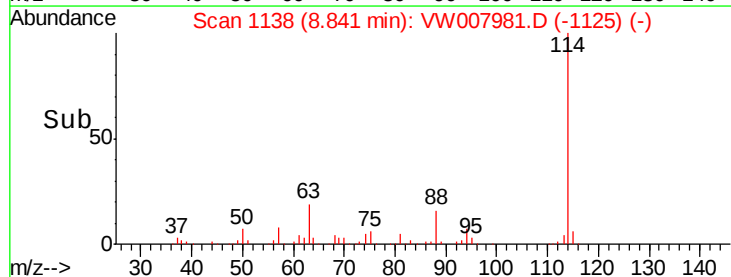
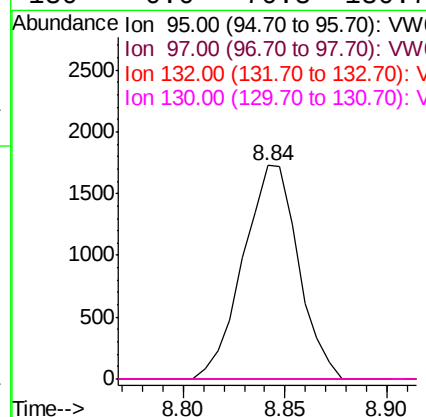
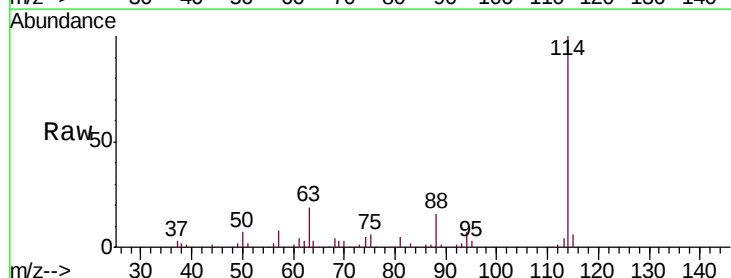
Instrument :
 MSVOA_W
 ClientSampleId :
 GAEN6

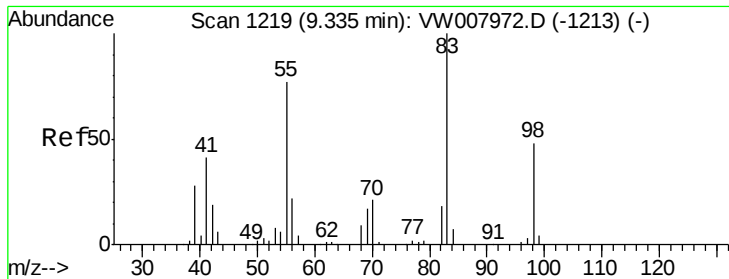
Tgt Ion: 62 Resp: 891
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.4 8.2#



#35
 Trichloroethene
 Concen: 2.177 ug/L
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.25 min
 Lab File: VW007981.D
 Acq: 27 Dec 2018 20:29

Tgt Ion: 95 Resp: 3260
 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#

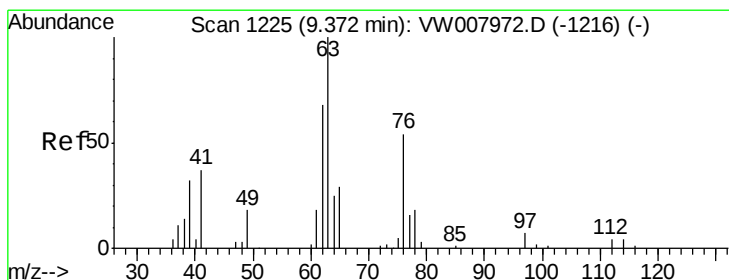
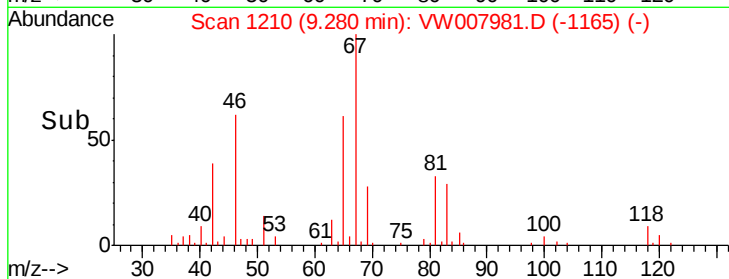
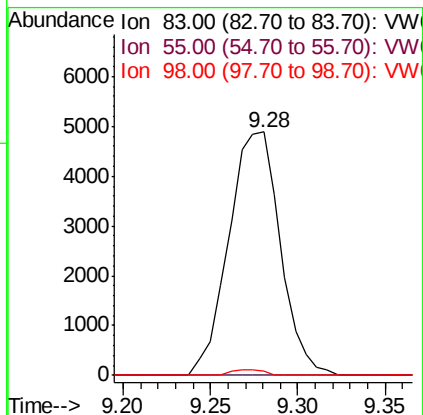
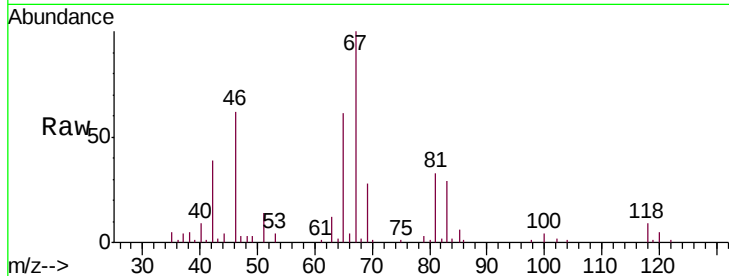




#36
Methylcyclohexane
Concen: 3.901 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW007981.D
Acq: 27 Dec 2018 20:29

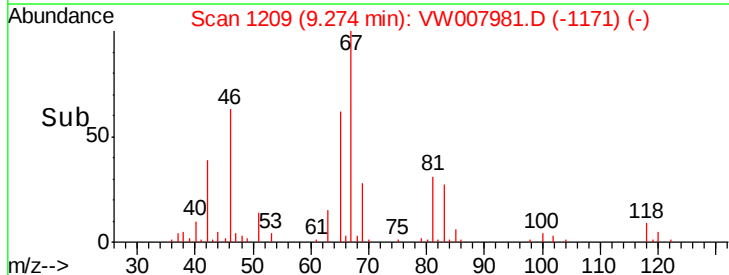
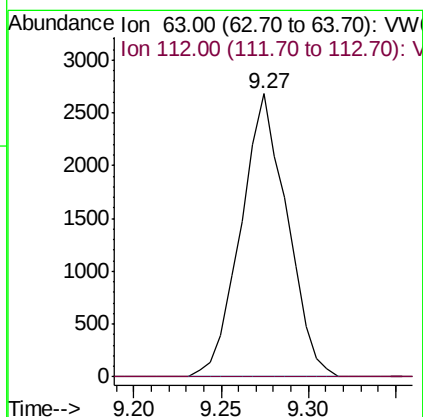
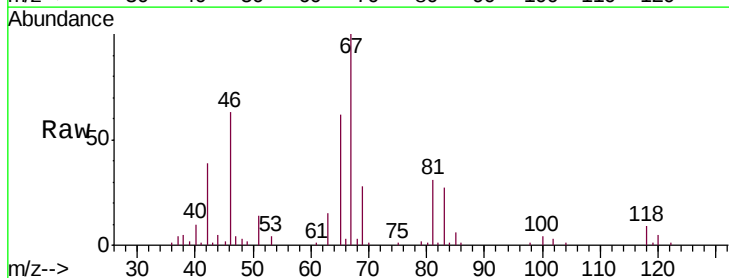
Instrument :
MSVOA_W
ClientSampleId :
GAEN6

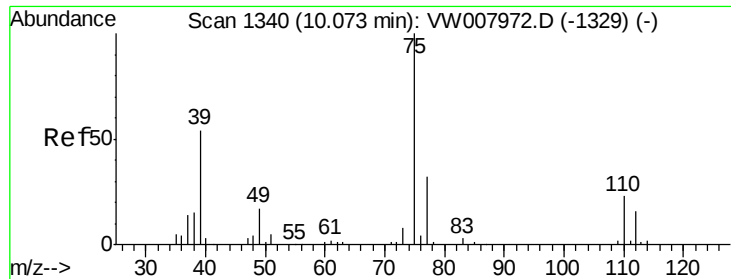
Tgt Ion: 83 Resp: 10018
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 1.5 38.2 57.2#



#40
1,2-Dichloropropane
Concen: 4.075 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW007981.D
Acq: 27 Dec 2018 20:29

Tgt Ion: 63 Resp: 4938
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#





#42

cis-1,3-Dichloropropene

Concen: 0.698 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007981.D

Acq: 27 Dec 2018 20:29

Instrument :

MSVOA_W

ClientSampleId :

GAEN6

Tgt Ion: 75 Resp: 1477

Ion Ratio Lower Upper

75 100

77 44.5 23.0 42.8#

