

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062518\
 Data File : VW003553.D
 Acq On : 25 Jun 2018 18:26
 Operator : SY/AP
 Sample : J3641-02
 Misc : 5.12G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZC0

Quant Time: Jun 26 03:06:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 26 03:05:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	44134	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	68530	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	34026	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	3000	5.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	20.04%#
7) Chloroethane-d5	2.89	69	5903	11.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.28%
10) 1,1-Dichloroethene-d2	4.01	63	7232	6.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	24.32%#
20) 2-Butanone-d5	7.09	46	46494	246.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	493.02%#
24) Chloroform-d	7.65	84	42974	37.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	148.08%
26) 1,2-Dichloroethane-d4	8.31	65	47751	69.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	276.88%#
29) Benzene-d6	8.28	84	59197	16.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	65.12%
33) 1,2-Dichloropropane-d6	9.28	67	34071	29.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.40%
37) Toluene-d8	10.33	98	50211	14.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	57.76%
38) trans-1,3-Dichloropropene-	10.59	79	17436	32.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	129.08%
39) 2-Hexanone-d5	10.93	63	27299	116.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	232.08%#
48) 1,1,2,2-Tetrachloroethane-	12.70	84	59501	55.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	222.24%#
61) 1,2-Dichlorobenzene-d4	13.86	152	36915	28.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.88%

Target Compounds

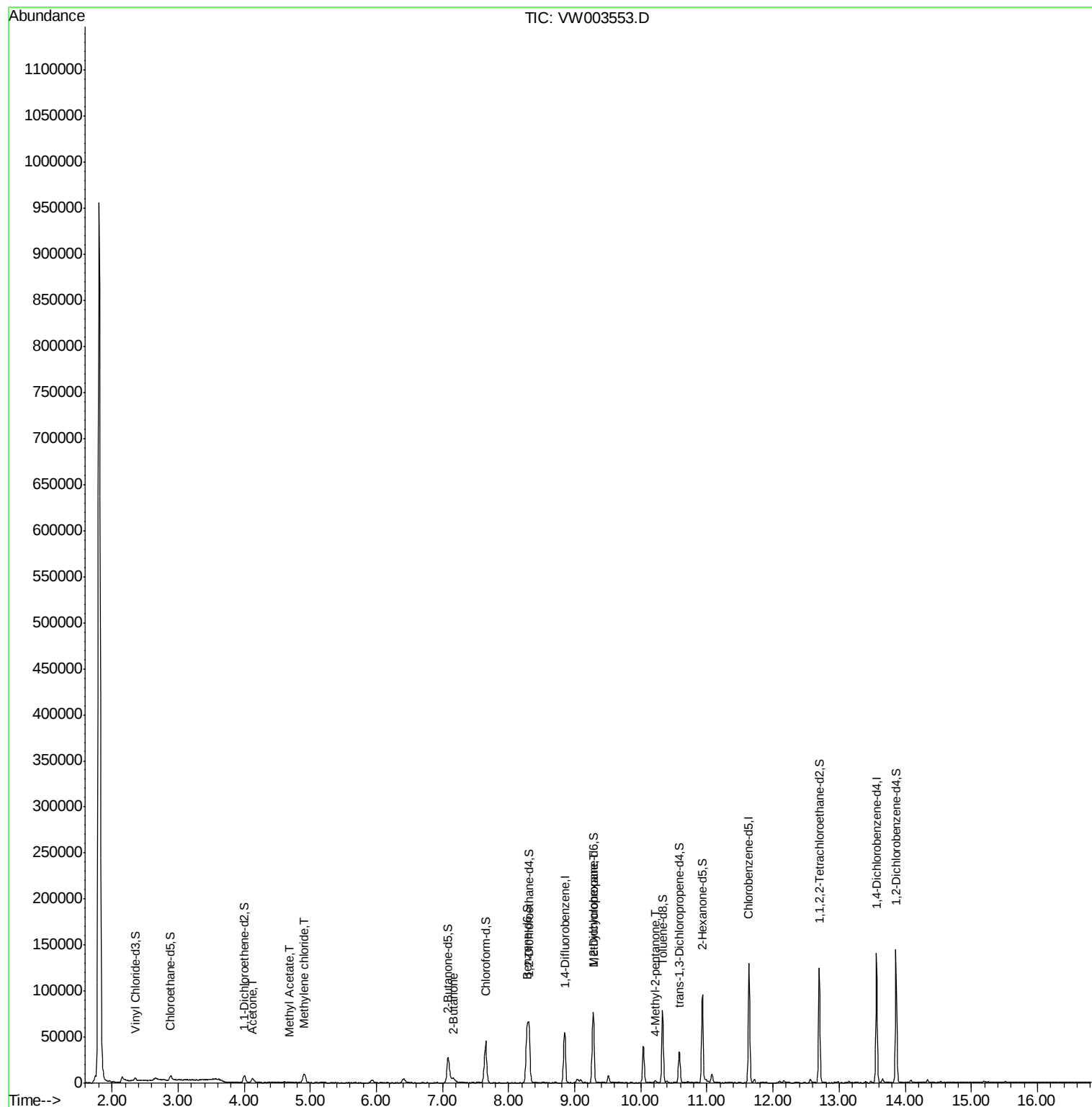
					Qvalue
13) Acetone	4.12	43	7205	35.838 ug/L	79
15) Methyl Acetate	4.68	43	1194	3.623 ug/L #	87
16) Methylene chloride	4.90	84	6977	11.473 ug/L	96
21) 2-Butanone	7.18	43	1193	5.050 ug/L #	31
36) Methylcyclohexane	9.27	83	8186	4.553 ug/L #	18
43) 4-Methyl-2-pentanone	10.21	43	1632	2.221 ug/L #	94

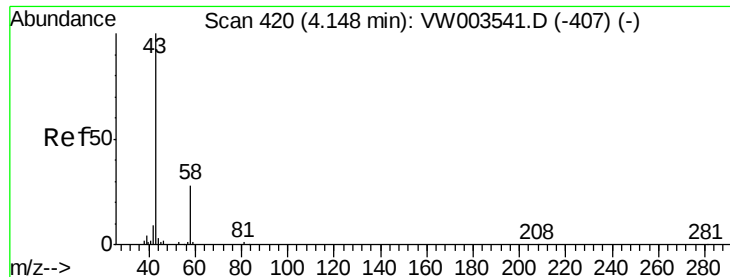
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jun 26 03:05:07 2018
Response via : Initial Calibration





#13

Acetone

Concen: 35.838 ug/L

RT: 4.12 min Scan# 416

Delta R.T. -0.02 min

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Instrument :

MSVOA_W

ClientSampled :

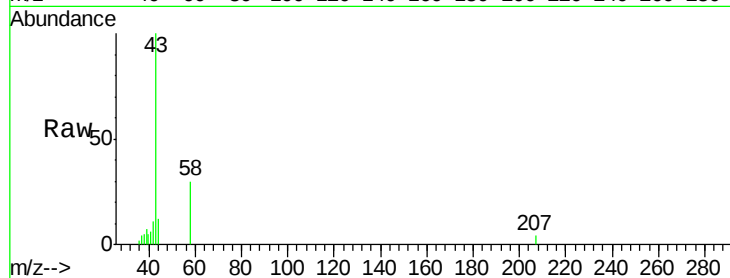
DAZC0

Tgt Ion: 43 Resp: 7205

Ion Ratio Lower Upper

43 100

58 17.9 0.0 58.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

2500

2000

1500

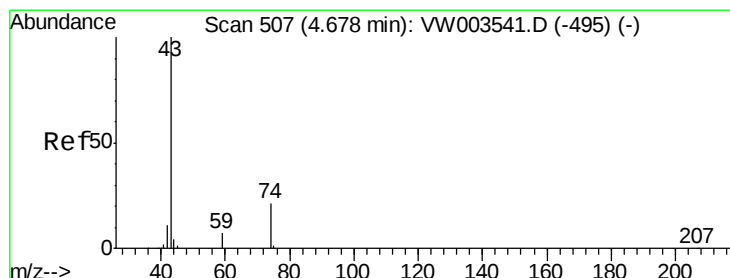
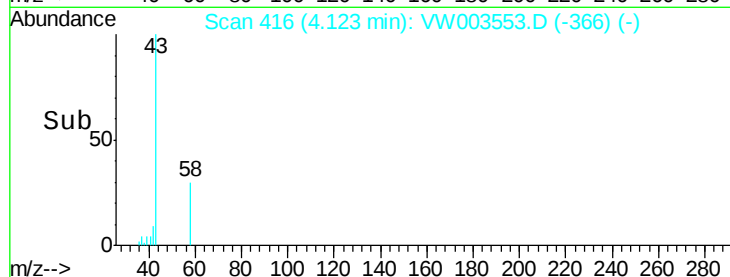
1000

500

0

Time-->

4.05 4.10 4.15 4.20



#15

Methyl Acetate

Concen: 3.623 ug/L

RT: 4.68 min Scan# 508

Delta R.T. 0.01 min

Lab File: VW003553.D

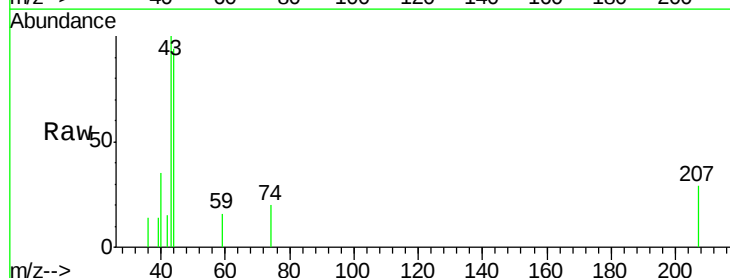
Acq: 25 Jun 2018 18:26

Tgt Ion: 43 Resp: 1194

Ion Ratio Lower Upper

43 100

74 15.8 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

400

300

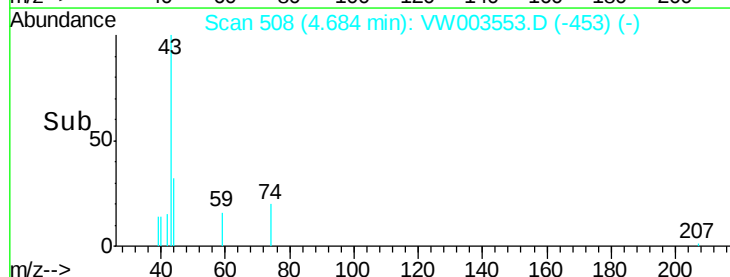
200

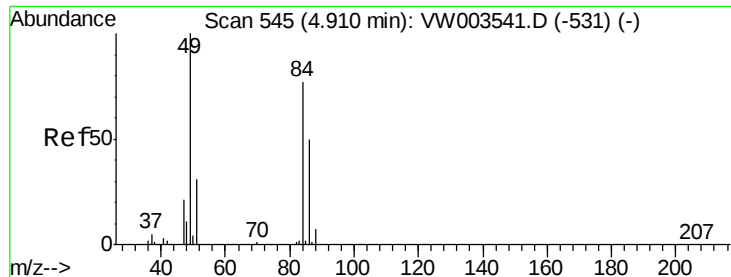
100

0

Time-->

4.60 4.65 4.70 4.75

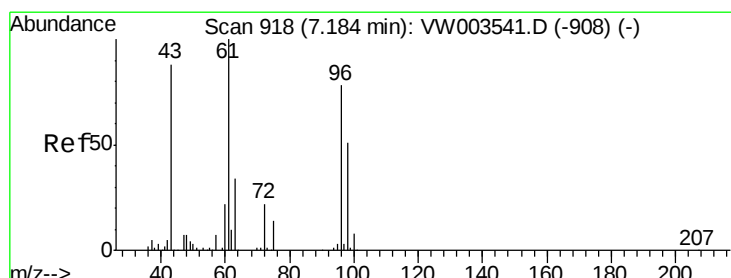
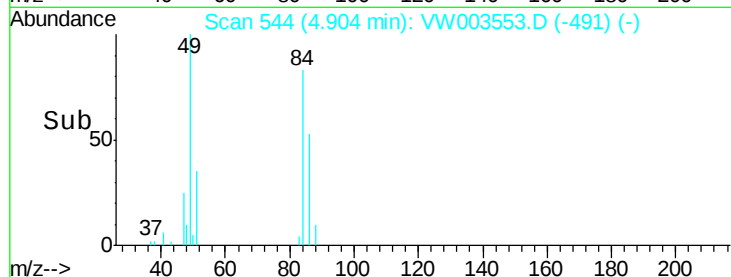
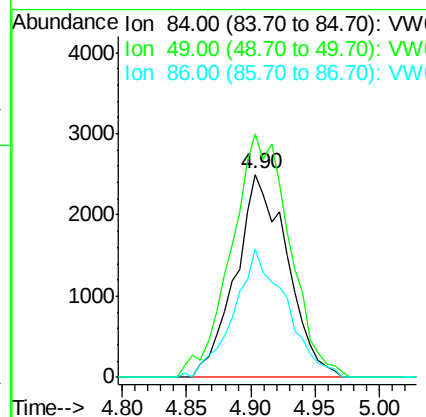
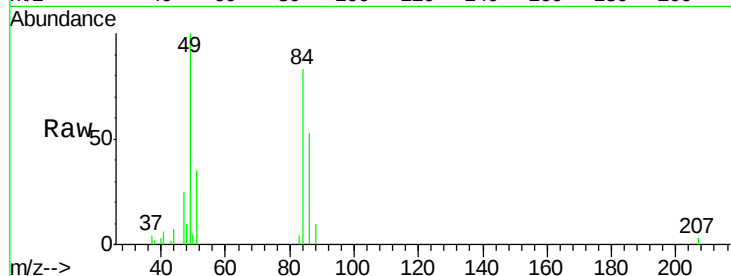




#16
Methylene chloride
Concen: 11.473 ug/L
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
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Acq: 25 Jun 2018 18:26

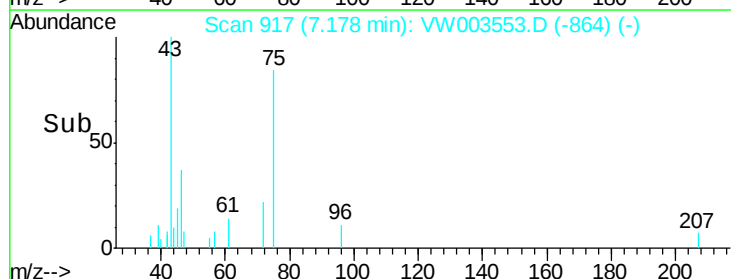
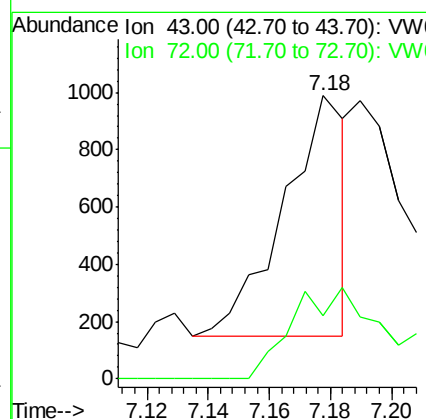
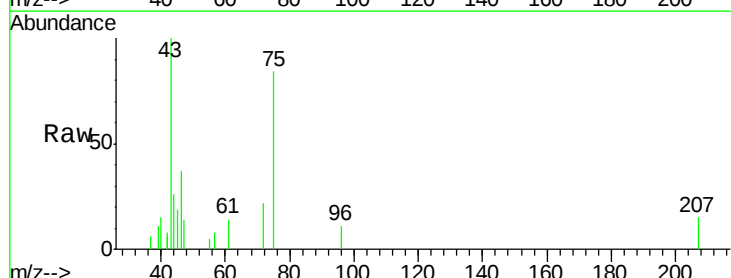
Instrument :
MSVOA_W
ClientSampled :
DAZCO

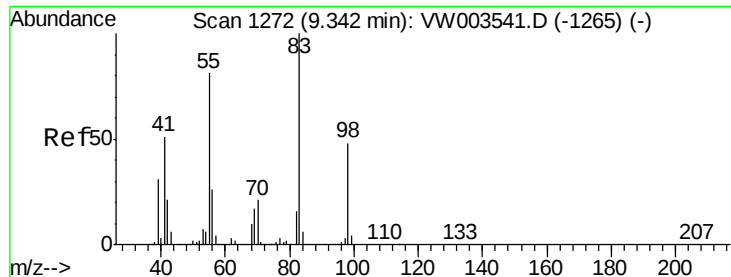
Tgt Ion: 84 Resp: 6977
Ion Ratio Lower Upper
84 100
49 120.0 88.7 164.7
86 63.1 44.2 82.0



#21
2-Butanone
Concen: 5.050 ug/L
RT: 7.18 min Scan# 917
Delta R.T. -0.01 min
Lab File: VW003553.D
Acq: 25 Jun 2018 18:26

Tgt Ion: 43 Resp: 1193
Ion Ratio Lower Upper
43 100
72 59.7 12.5 37.5#

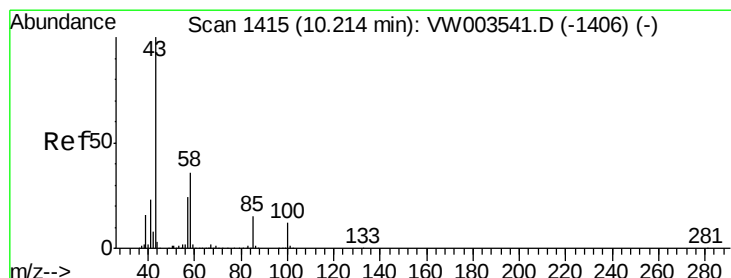
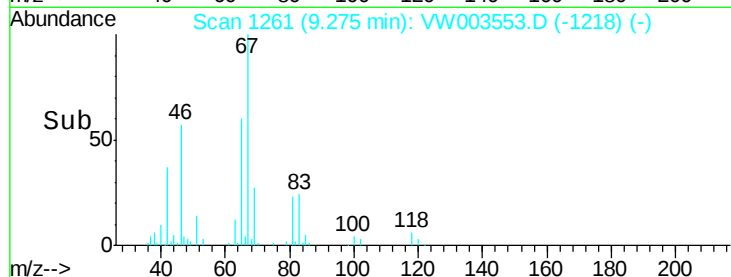
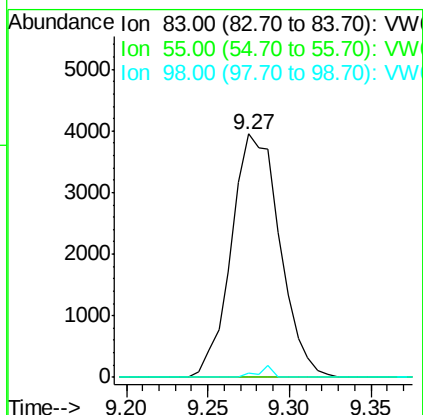
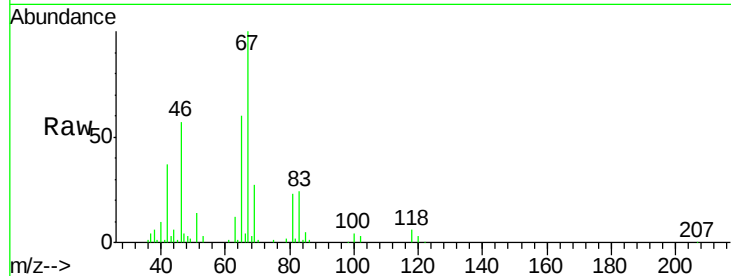




#36
Methylcyclohexane
Concen: 4.553 ug/L
RT: 9.27 min Scan# 1261
Delta R.T. -0.07 min
Lab File: VW003553.D
Acq: 25 Jun 2018 18:26

Instrument :
MSVOA_W
ClientSampleId :
DAZC0

Tgt Ion: 83 Resp: 8186
Ion Ratio Lower Upper
83 100
55 0.5 63.9 95.9#
98 1.4 37.1 55.7#



#43
4-Methyl-2-pentanone
Concen: 2.221 ug/L
RT: 10.21 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VW003553.D
Acq: 25 Jun 2018 18:26

Tgt Ion: 43 Resp: 1632
Ion Ratio Lower Upper
43 100
58 32.7 28.7 43.1
100 10.3 11.1 16.7#

