

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072918\
 Data File : VW004301.D
 Acq On : 28 Jul 2018 05:16
 Operator : SY/AP
 Sample : J4204-17
 Misc : 5.39G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JJ1K4

Quant Time: Jul 28 06:21:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 28 02:53:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	240298	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	171460	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	41801	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	72283	29.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.52%
7) Chloroethane-d5	2.89	69	65056	36.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	147.88%
10) 1,1-Dichloroethene-d2	4.01	63	155962	27.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	108.04%
20) 2-Butanone-d5	7.09	46	63384	46.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.56%
24) Chloroform-d	7.65	84	167885	27.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.16%
26) 1,2-Dichloroethane-d4	8.31	65	112183	30.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.24%
29) Benzene-d6	8.28	84	363245	39.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	159.88%#
33) 1,2-Dichloropropane-d6	9.28	67	120232	39.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	159.12%#
37) Toluene-d8	10.33	98	283342	32.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	131.96%#
38) trans-1,3-Dichloropropene-	10.58	79	24940	18.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.72%
39) 2-Hexanone-d5	10.93	63	42936	54.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	80886	26.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	45689	29.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.96%

Target Compounds

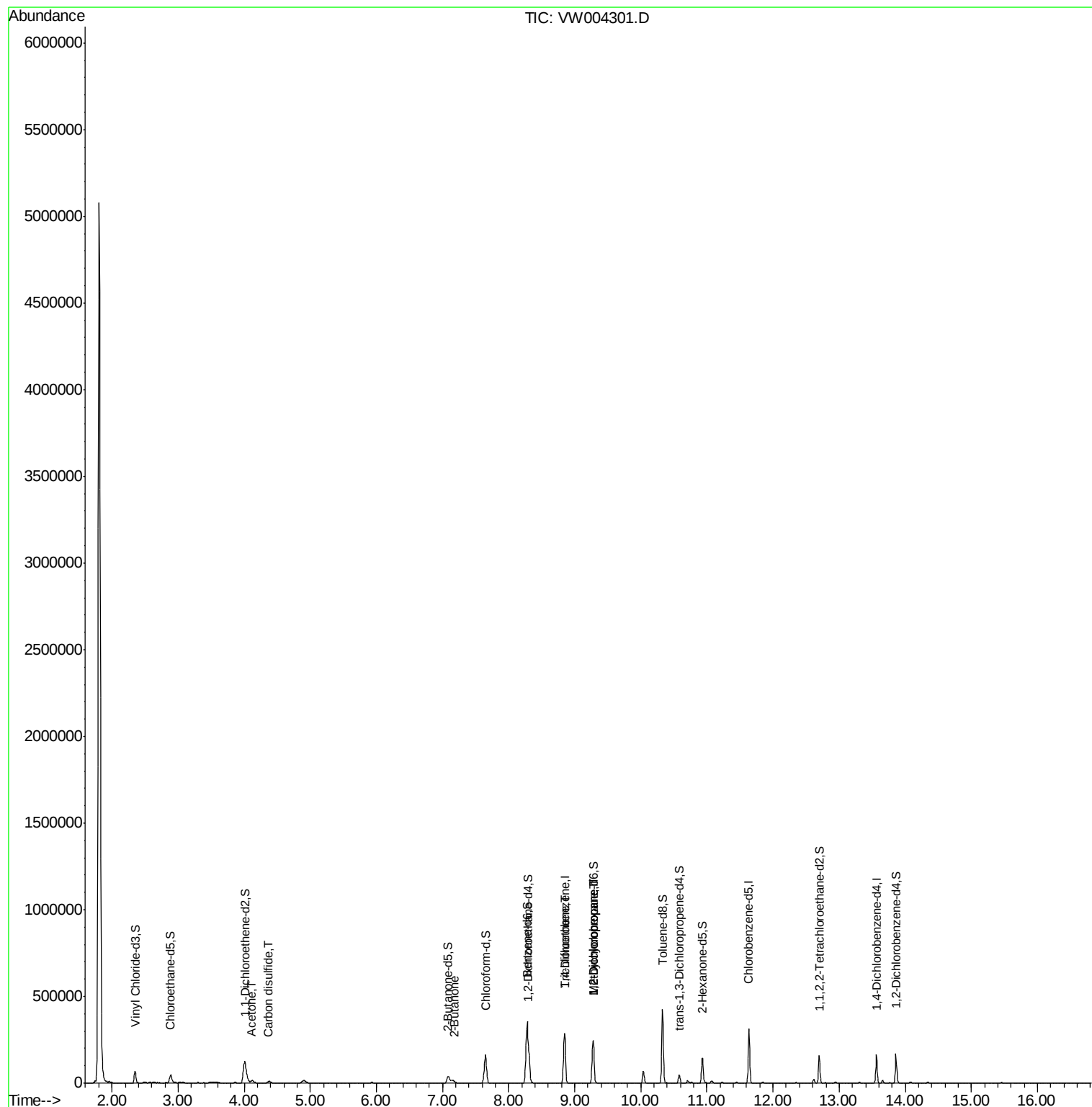
					Qvalue
13) Acetone	4.12	43	23267	16.825 ug/L	99
14) Carbon disulfide	4.37	76	20573	2.299 ug/L	96
21) 2-Butanone	7.18	43	5935	3.405 ug/L #	73
35) Trichloroethene	8.85	95	7306	2.817 ug/L #	5
36) Methylcyclohexane	9.28	83	27842	6.424 ug/L #	18
40) 1,2-Dichloropropane	9.28	63	12969	4.846 ug/L #	88

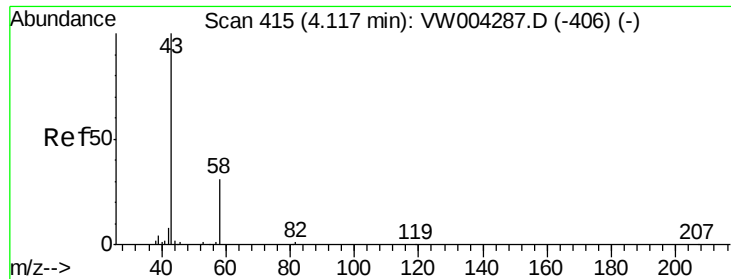
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 16.825 ug/L

RT: 4.12 min Scan# 415

Delta R.T. 0.00 min

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ClientSampleId :

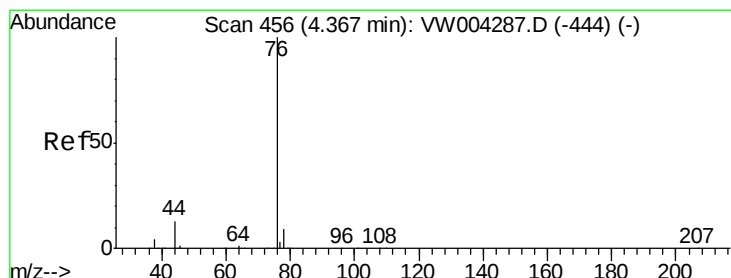
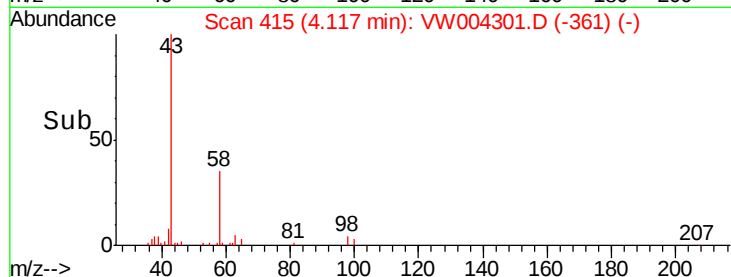
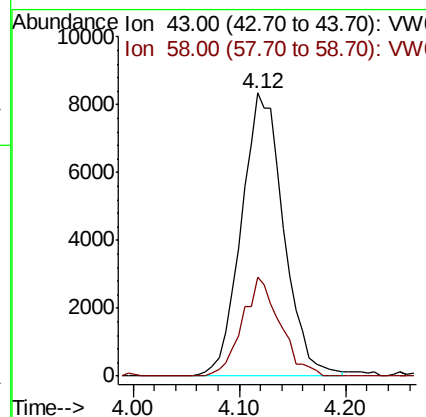
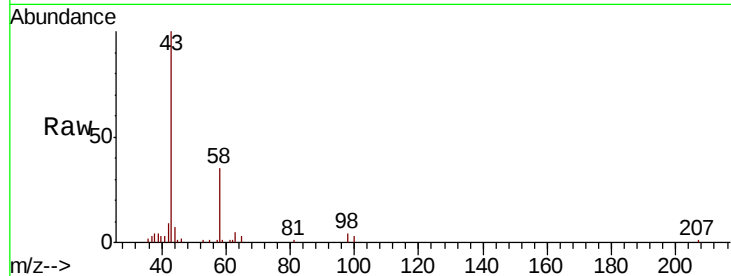
JJ1K4

Tgt Ion: 43 Resp: 23267

Ion Ratio Lower Upper

43 100

58 30.5 0.0 59.8



#14

Carbon disulfide

Concen: 2.299 ug/L

RT: 4.37 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW004301.D

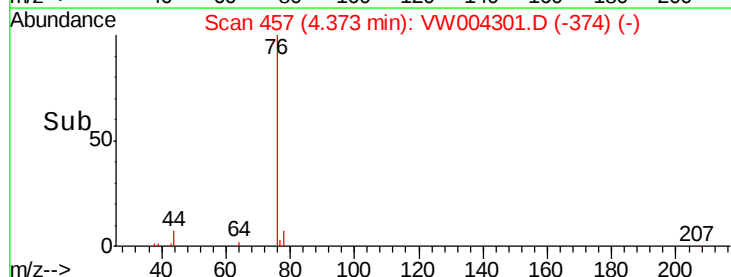
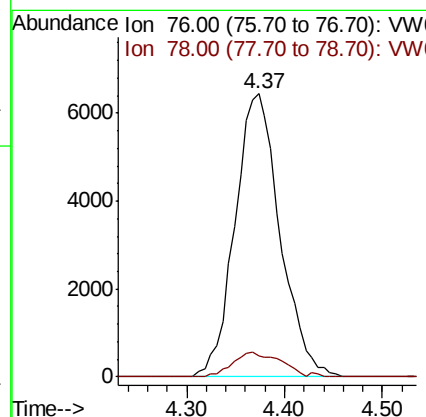
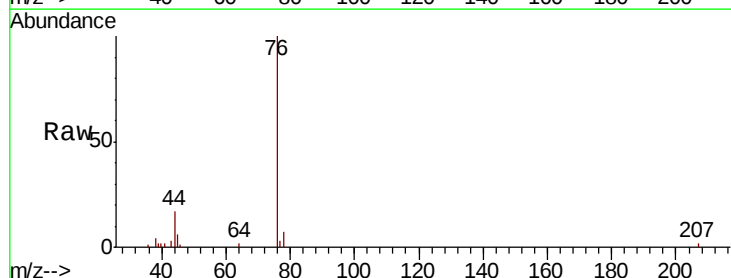
Acq: 28 Jul 2018 05:16

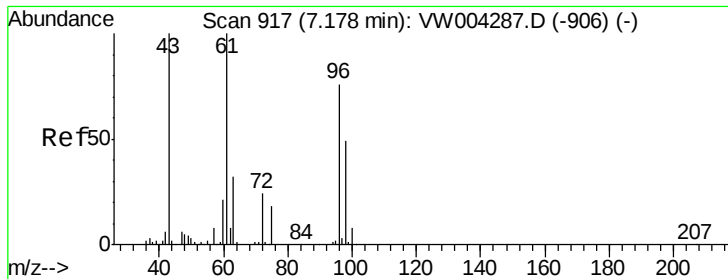
Tgt Ion: 76 Resp: 20573

Ion Ratio Lower Upper

76 100

78 7.3 7.0 10.6





#21

2-Butanone

Concen: 3.405 ug/L

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004301.D

Acq: 28 Jul 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

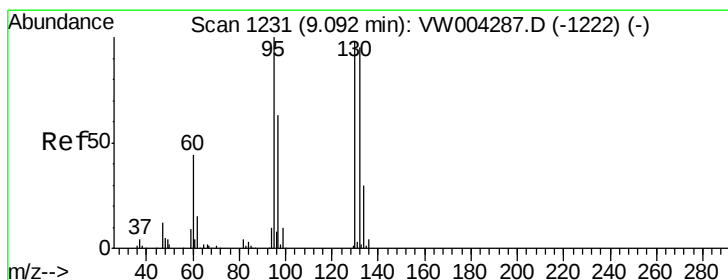
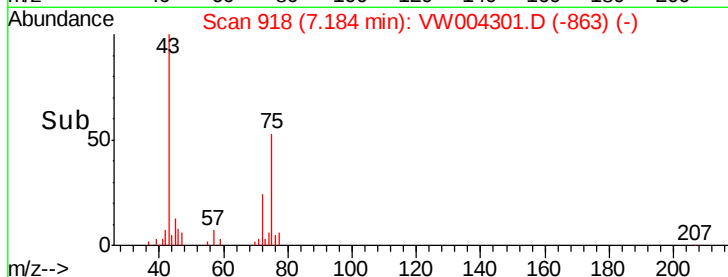
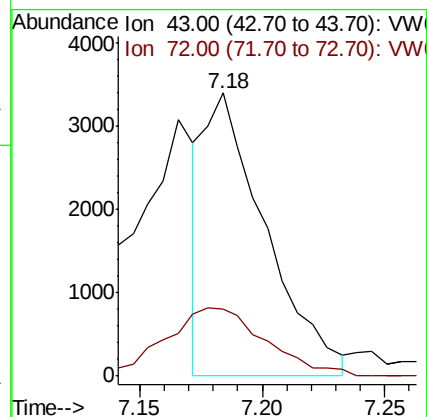
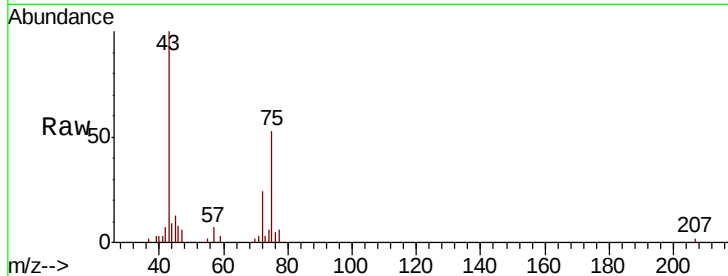
JJ1K4

Tgt Ion: 43 Resp: 5935

Ion Ratio Lower Upper

43 100

72 38.0 12.3 36.9#



#35

Trichloroethene

Concen: 2.817 ug/L

RT: 8.85 min Scan# 1191

Delta R.T. -0.24 min

Lab File: VW004301.D

Acq: 28 Jul 2018 05:16

Tgt Ion: 95 Resp: 7306

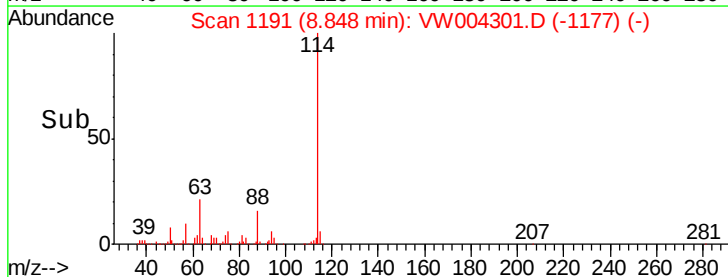
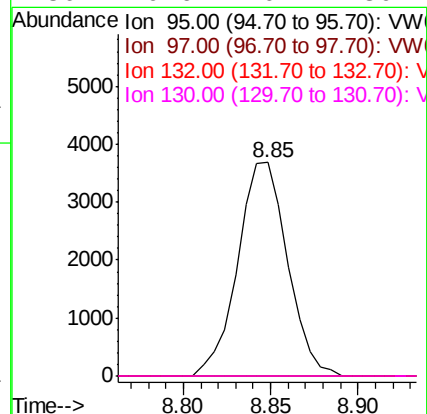
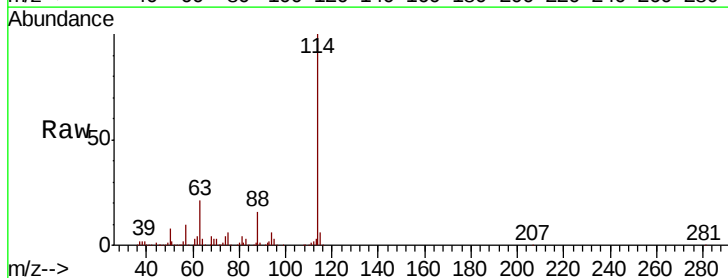
Ion Ratio Lower Upper

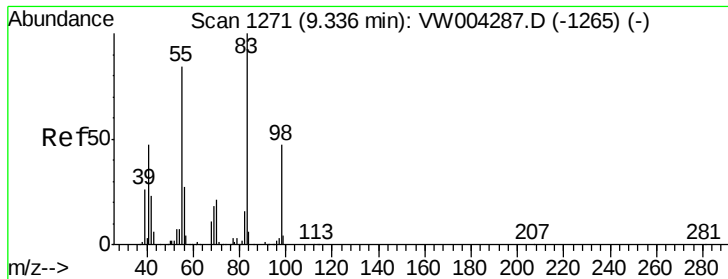
95 100

97 0.0 44.9 83.5#

132 0.0 67.4 125.2#

130 0.6 70.2 130.4#

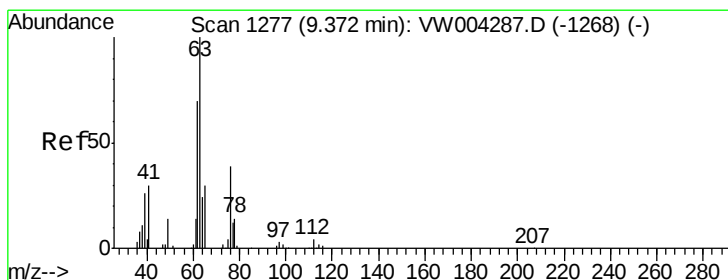
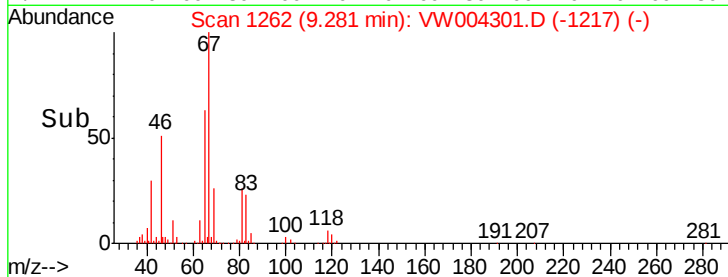
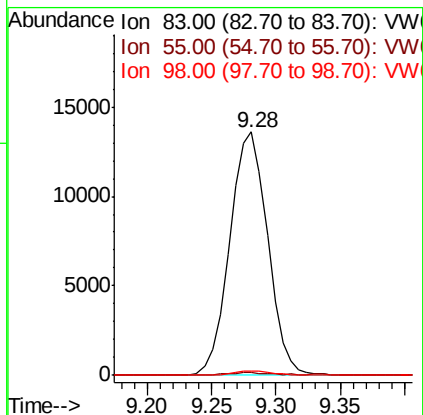
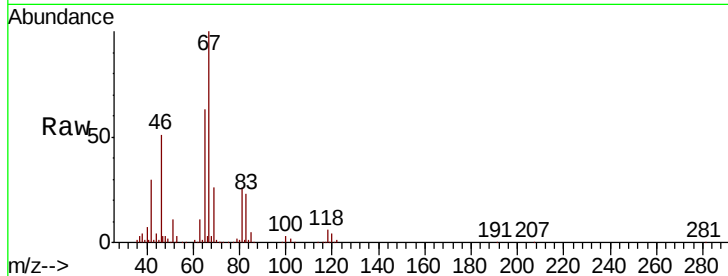




#36
Methylcyclohexane
Concen: 6.424 ug/L
RT: 9.28 min Scan# 1262
Delta R.T. -0.05 min
Lab File: VW004301.D
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MSVOA_W
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JJ1K4

Tgt Ion: 83 Resp: 27842
Ion Ratio Lower Upper
83 100
55 1.0 65.5 98.3#
98 1.8 37.1 55.7#



#40
1,2-Dichloropropane
Concen: 4.846 ug/L
RT: 9.28 min Scan# 1262
Delta R.T. -0.09 min
Lab File: VW004301.D
Acq: 28 Jul 2018 05:16

Tgt Ion: 63 Resp: 12969
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

