

Data File : VW005858.D
Acq On : 04 Oct 2018 16:27
Operator : SY/AP
Sample : J5251-01
Misc : 2.71G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H2TS3

Quant Time: Oct 05 01:16:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 05 01:16:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	271227	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	256436	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	109004	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	41134	11.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.60%
7) Chloroethane-d5	2.90	69	37151	13.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.08%
10) 1,1-Dichloroethene-d2	4.01	63	76902	10.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	40.76%#
20) 2-Butanone-d5	7.09	46	36982	33.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.64%
24) Chloroform-d	7.65	84	129841	18.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.52%
26) 1,2-Dichloroethane-d4	8.31	65	78594	18.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.48%
29) Benzene-d6	8.28	84	222526	17.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.12%
33) 1,2-Dichloropropane-d6	9.27	67	71707	19.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.16%
37) Toluene-d8	10.33	98	198926	15.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	63.48%
38) trans-1,3-Dichloropropene-	10.58	79	31249	16.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.88%
39) 2-Hexanone-d5	10.93	63	27500	32.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.02%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	63404	17.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	78771	20.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.68%

Target Compounds

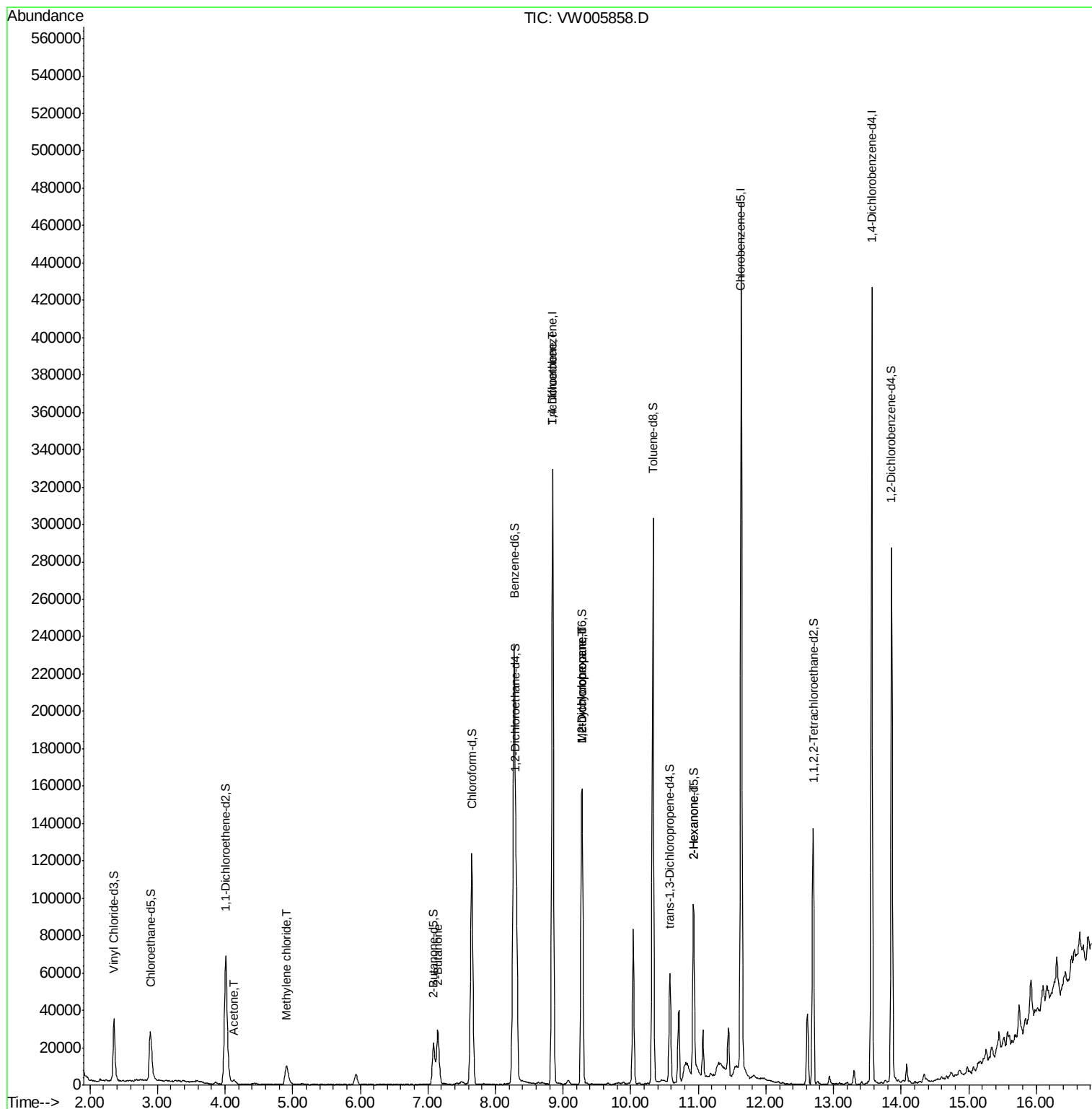
					Qvalue
13) Acetone	4.14	43	3044	2.633 ug/L	78
16) Methylene chloride	4.91	84	8889	1.988 ug/L	94
21) 2-Butanone	7.15	43	1279	0.924 ug/L #	56
35) Trichloroethene	8.84	95	8652	2.232 ug/L #	5
36) Methylcyclohexane	9.28	83	18396	2.729 ug/L #	19
40) 1,2-Dichloropropane	9.28	63	8669	2.455 ug/L #	87
49) 2-Hexanone	10.93	43	2704	1.337 ug/L #	74

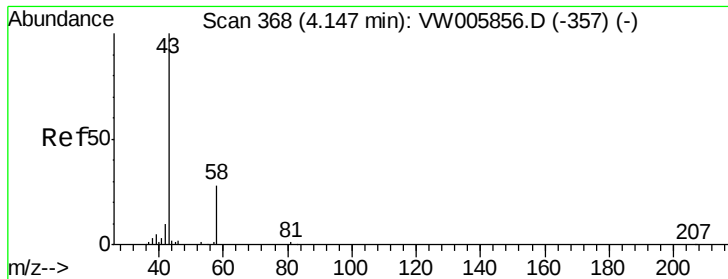
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.633 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

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Acq: 04 Oct 2018 16:27

Instrument :

MSVOA_W

ClientSampleId :

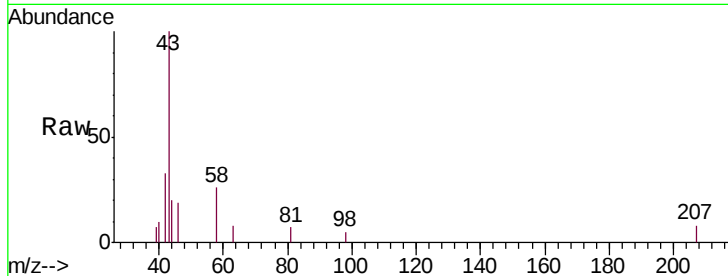
H2TS3

Tgt Ion: 43 Resp: 3044

Ion Ratio Lower Upper

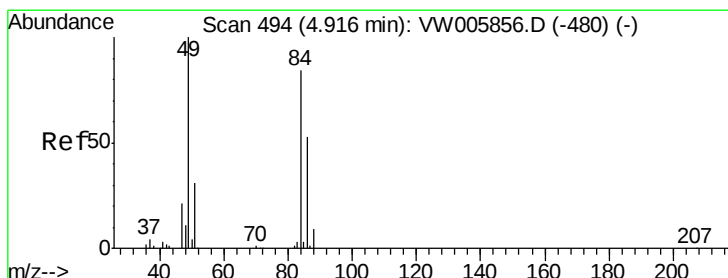
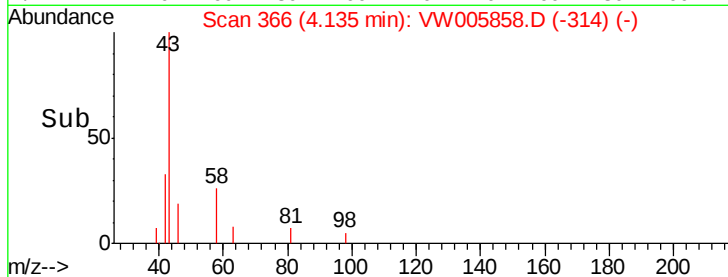
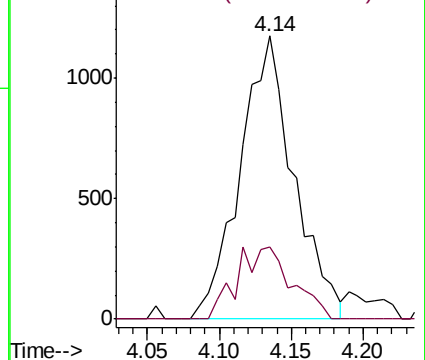
43 100

58 6.7 0.0 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.988 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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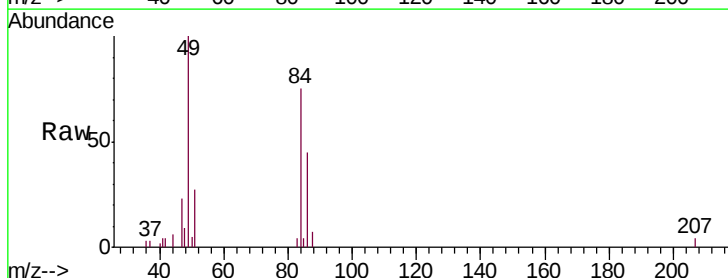
Tgt Ion: 84 Resp: 8889

Ion Ratio Lower Upper

84 100

49 132.6 87.2 162.0

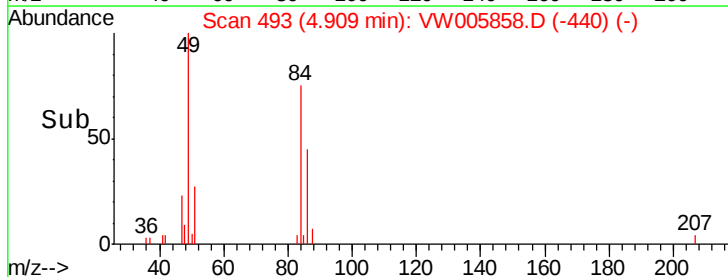
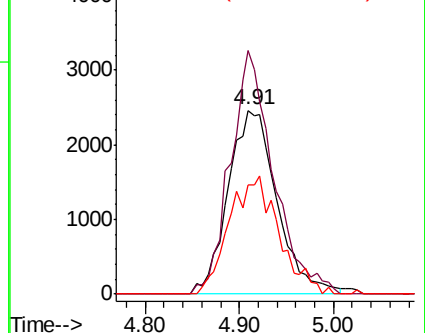
86 59.6 43.2 80.2

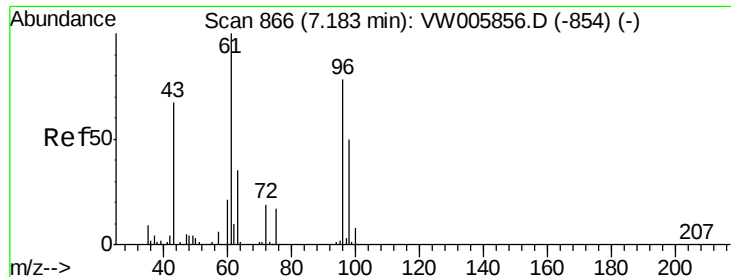


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 0.924 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

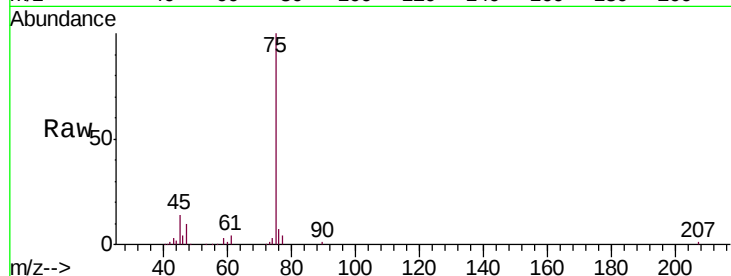
H2TS3

Tgt Ion: 43 Resp: 1279

Ion Ratio Lower Upper

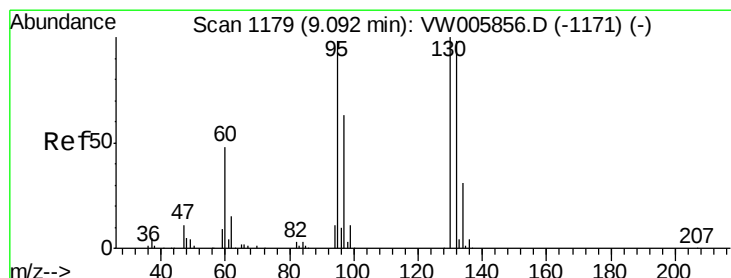
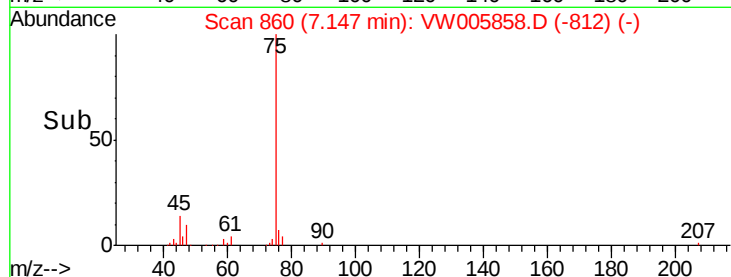
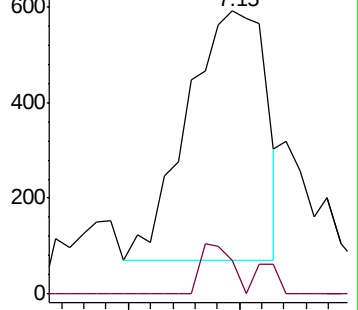
43 100

72 3.6 13.2 39.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#35

Trichloroethene

Concen: 2.232 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW005858.D

Acq: 04 Oct 2018 16:27

Tgt Ion: 95 Resp: 8652

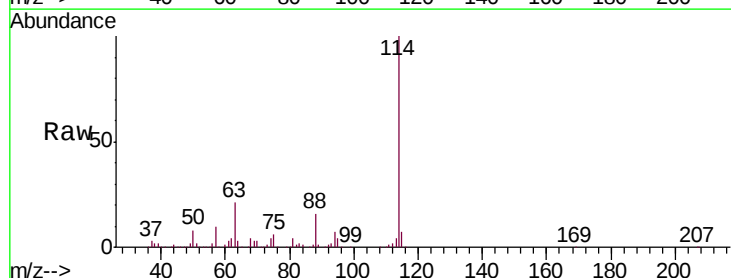
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#

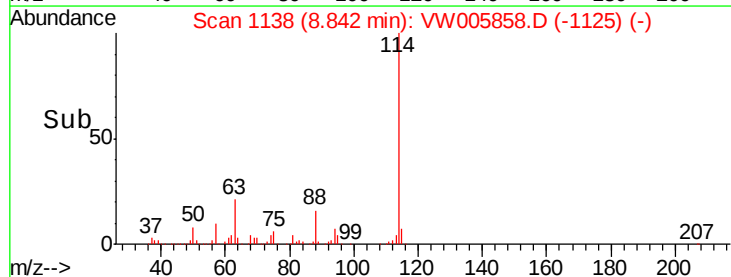
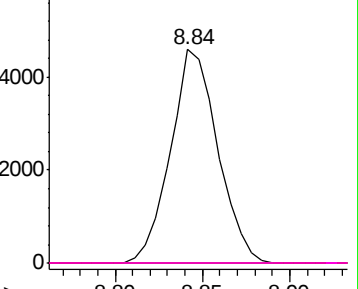


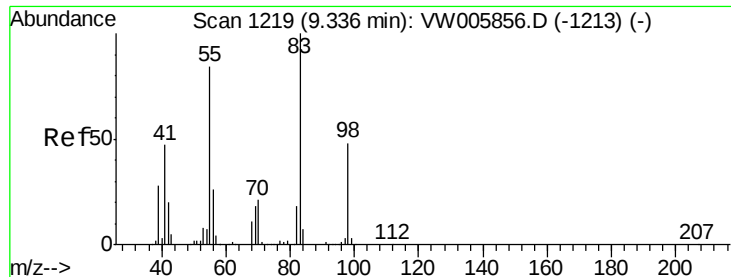
Abundance Ion 95.00 (94.70 to 95.70): VW

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

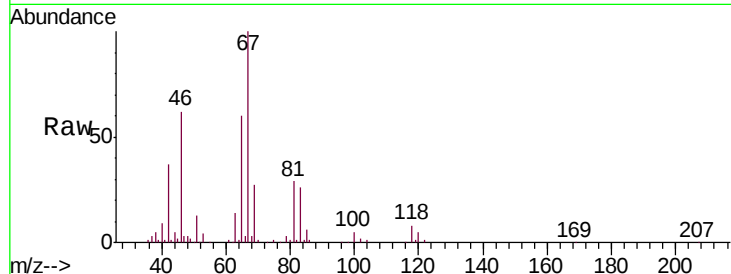




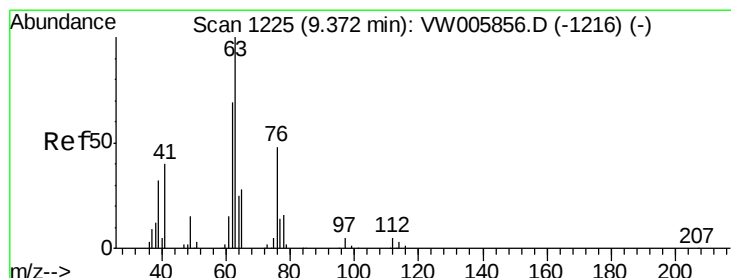
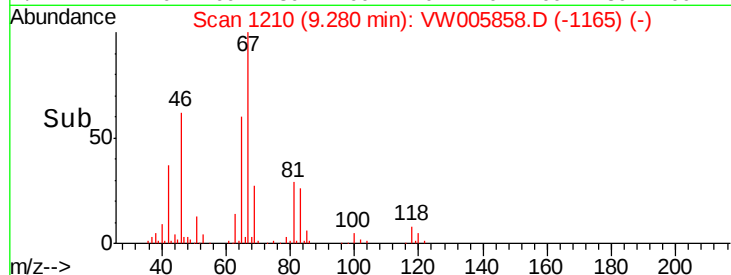
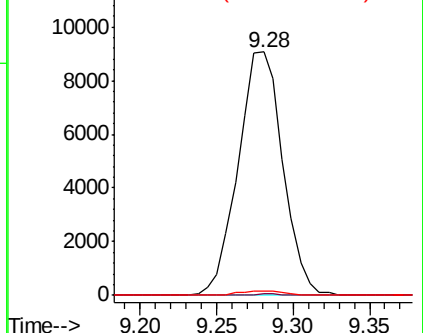
#36
Methylcyclohexane
Concen: 2.729 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW005858.D
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Instrument :
MSVOA_W
ClientSampled :
H2TS3

Tgt Ion: 83 Resp: 18396
Ion Ratio Lower Upper
83 100
55 0.3 62.5 93.7#
98 1.8 37.7 56.5#

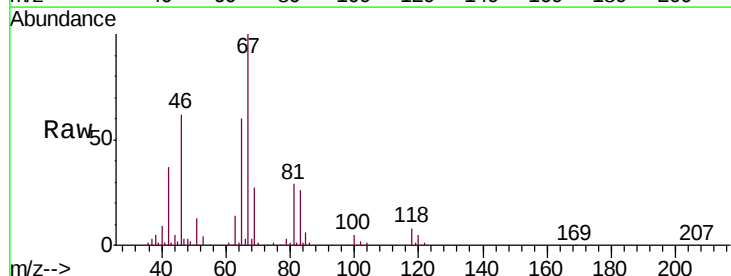


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

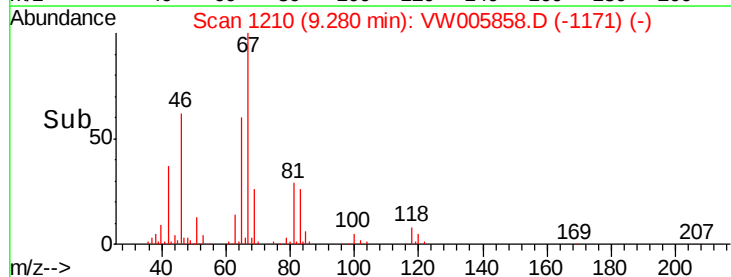
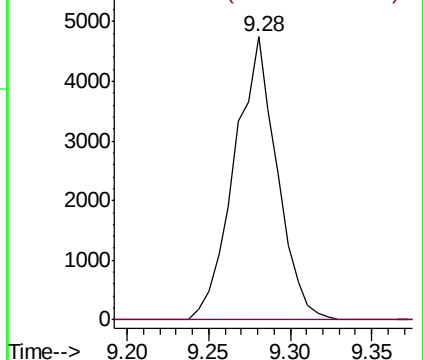


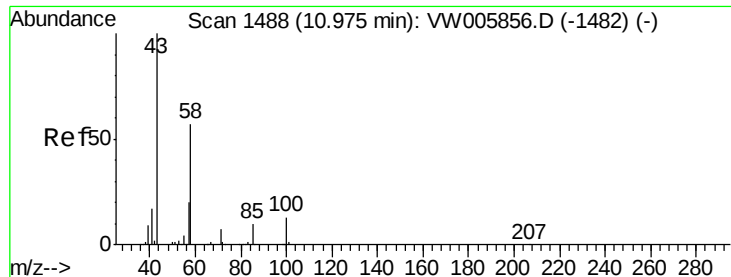
#40
1,2-Dichloropropane
Concen: 2.455 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW005858.D
Acq: 04 Oct 2018 16:27

Tgt Ion: 63 Resp: 8669
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



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





#49

2-Hexanone

Concen: 1.337 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.05 min

Lab File: VW005858.D

Acq: 04 Oct 2018 16:27

Instrument :

MSVOA_W

ClientSampleId :

H2TS3

Tgt Ion: 43 Resp: 2704

Ion Ratio Lower Upper

43 100

58 44.2 42.0 63.0

57 53.6 15.7 23.5#

100 14.6 9.7 14.5#

