

Data File : VW005390.D
Acq On : 14 Sep 2018 16:30
Operator : SY/AP
Sample : J4865-21
Misc : 3.99G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB3P9

Quant Time: Sep 14 23:17:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 14 23:16:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	108981	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	63781	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	12358	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	42062	33.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	133.76%
7) Chloroethane-d5	2.89	69	35215	39.60	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	158.40%#
10) 1,1-Dichloroethene-d2	4.03	63	56637	25.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.88%
20) 2-Butanone-d5	7.09	46	21730	45.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.74%
24) Chloroform-d	7.66	84	76396	37.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	150.36%#
26) 1,2-Dichloroethane-d4	8.31	65	45348	34.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	139.56%#
29) Benzene-d6	8.28	84	137949	53.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	215.48%#
33) 1,2-Dichloropropane-d6	9.28	67	41469	56.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	226.96%#
37) Toluene-d8	10.33	98	98810	38.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	152.36%#
38) trans-1,3-Dichloropropene-	10.58	79	12783	34.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	139.80%#
39) 2-Hexanone-d5	10.93	63	11405	50.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.22%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	17267	22.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	9410	25.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.48%

Target Compounds

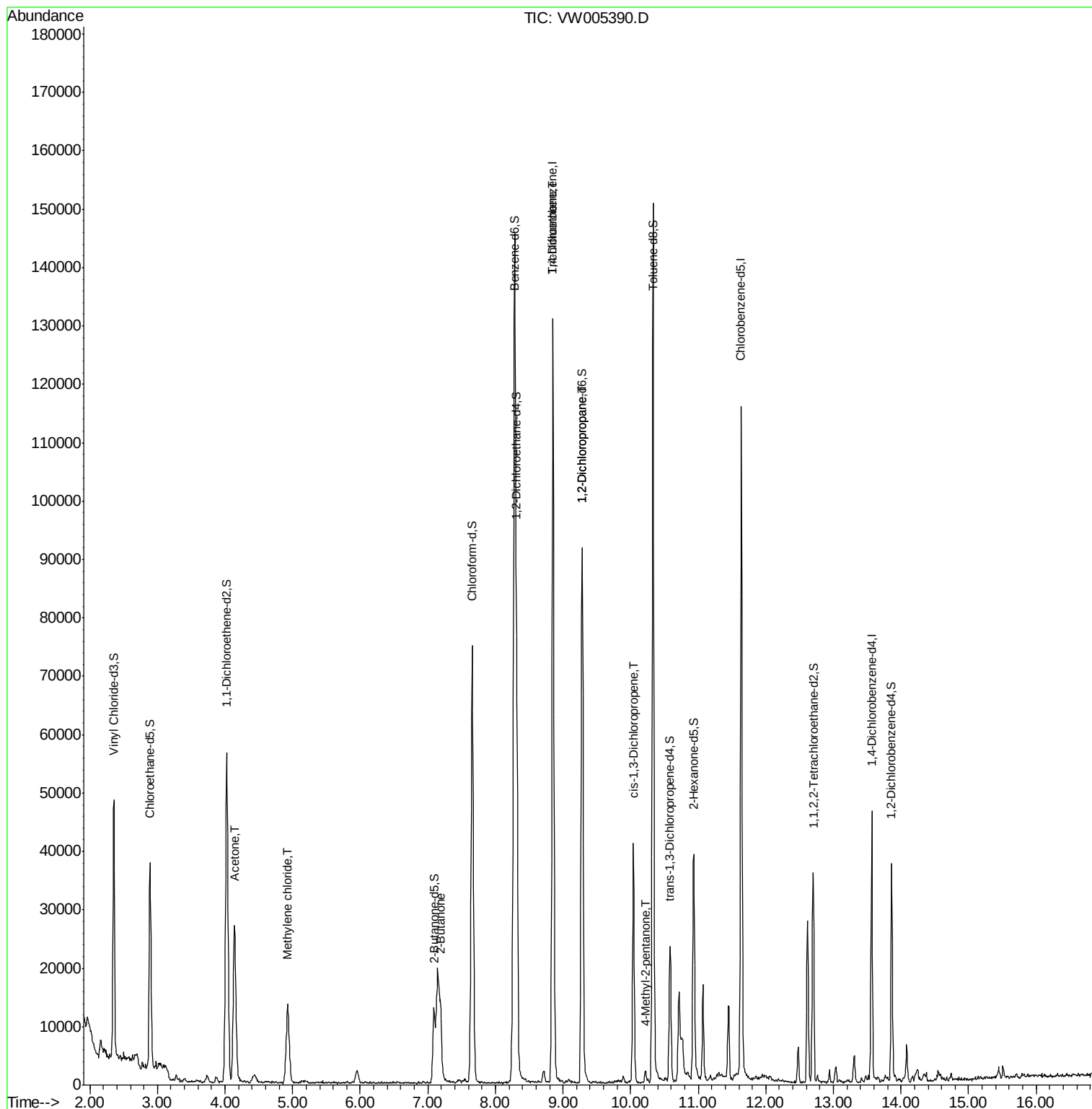
					Qvalue
13) Acetone	4.14	43	48763	109.637	ug/L 100
16) Methylene chloride	4.92	84	5492	2.654	ug/L 96
21) 2-Butanone	7.18	43	19902	29.198	ug/L 96
35) Trichloroethene	8.85	95	3586	3.802	ug/L # 5
40) 1,2-Dichloropropane	9.28	63	5098	5.812	ug/L # 87
42) cis-1,3-Dichloropropene	10.04	75	1189	0.918	ug/L # 67
43) 4-Methyl-2-pentanone	10.22	43	1394	1.662	ug/L 97

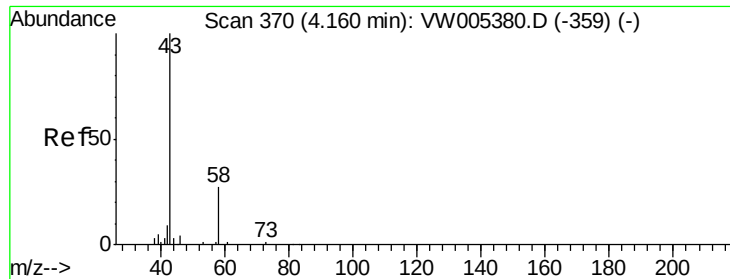
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 109.637 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

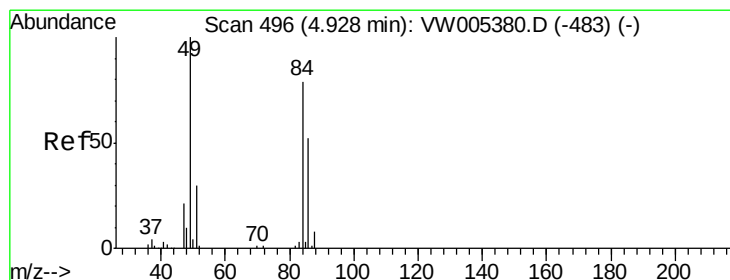
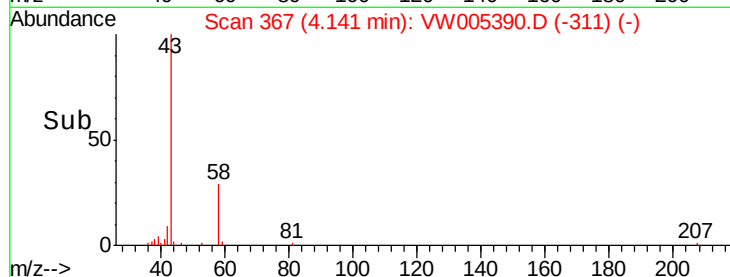
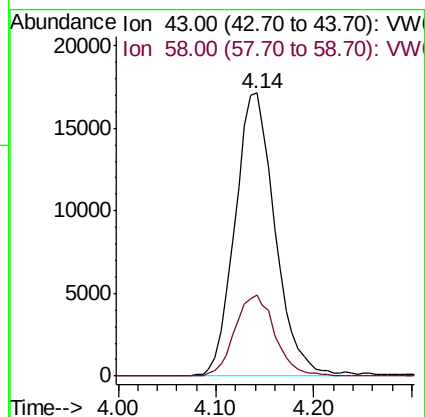
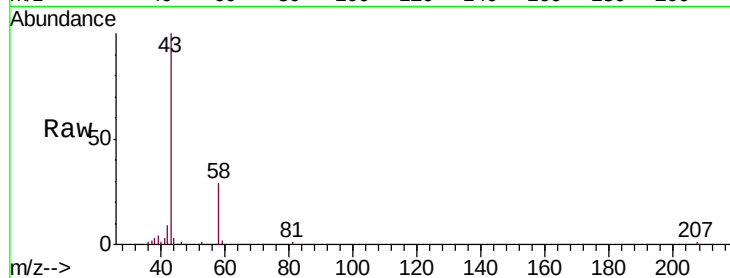
DB3P9

Tgt Ion: 43 Resp: 48763

Ion Ratio Lower Upper

43 100

58 28.5 0.0 57.6



#16

Methylene chloride

Concen: 2.654 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

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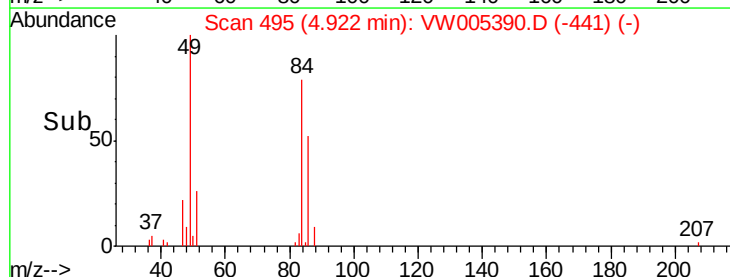
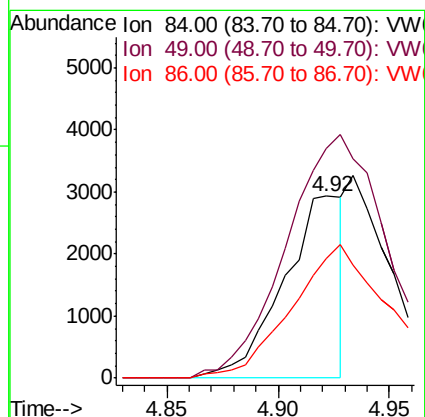
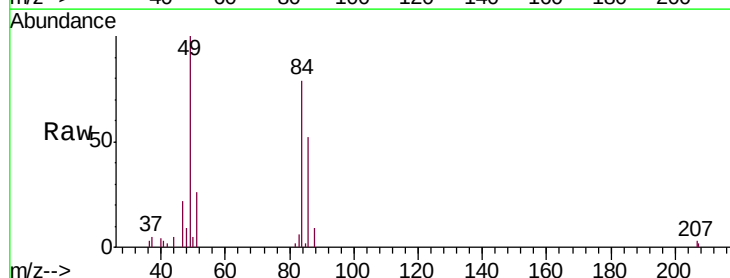
Tgt Ion: 84 Resp: 5492

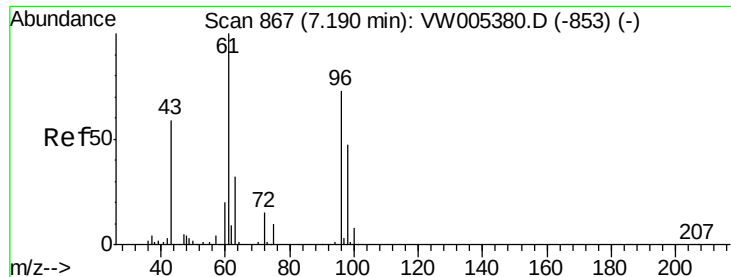
Ion Ratio Lower Upper

84 100

49 126.2 90.9 168.7

86 66.0 43.6 81.0





#21

2-Butanone

Concen: 29.198 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

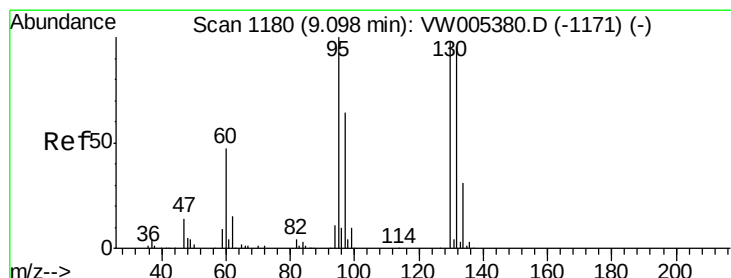
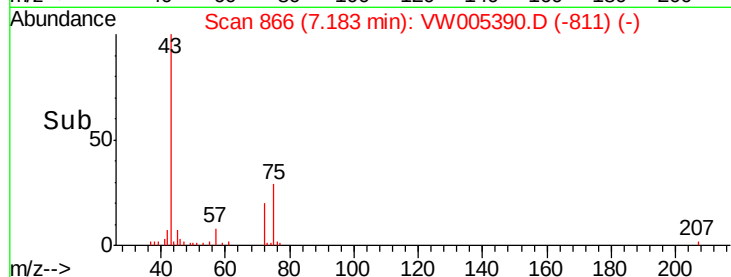
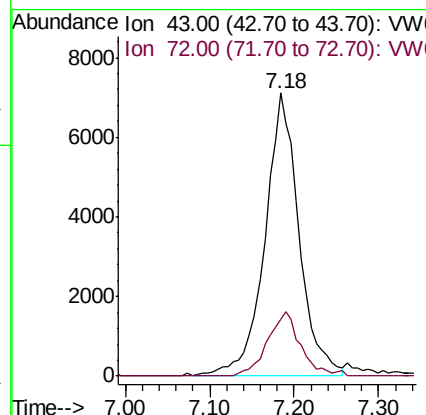
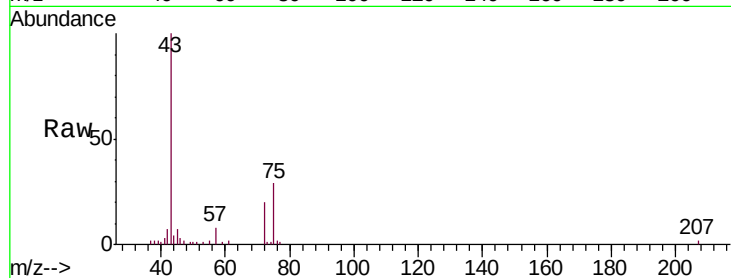
DB3P9

Tgt Ion: 43 Resp: 19902

Ion Ratio Lower Upper

43 100

72 21.8 11.8 35.4



#35

Trichloroethene

Concen: 3.802 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

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Acq: 14 Sep 2018 16:30

Tgt Ion: 95 Resp: 3586

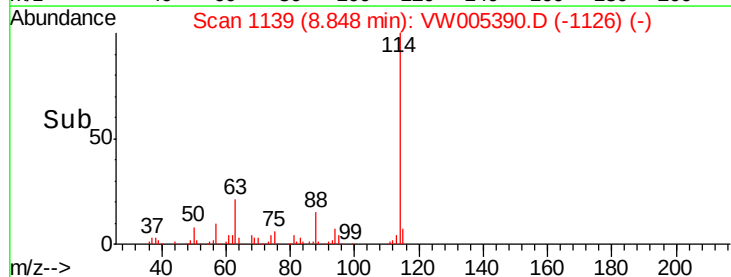
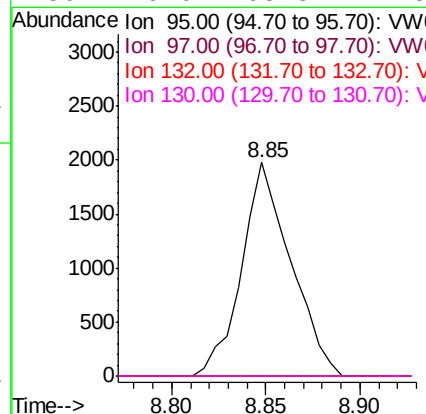
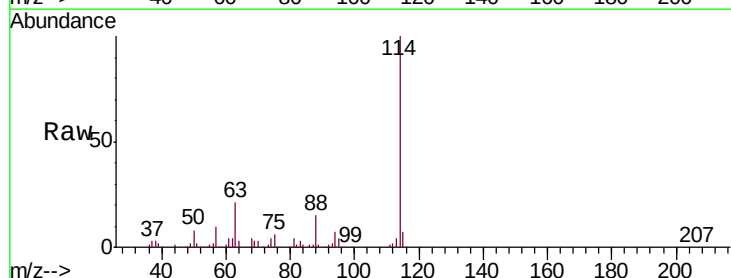
Ion Ratio Lower Upper

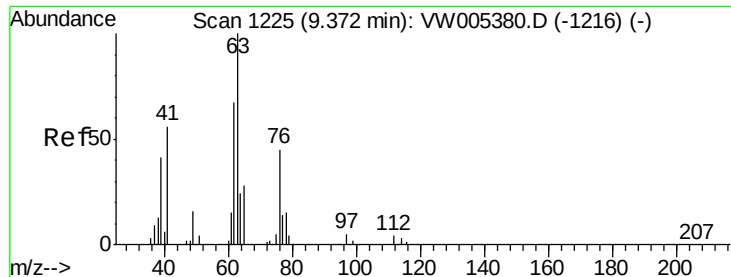
95 100

97 0.0 45.0 83.6#

132 0.0 67.2 124.8#

130 0.0 68.8 127.8#





#40

1,2-Dichloropropane

Concen: 5.812 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.10 min

Lab File: VW005390.D

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Instrument :

MSVOA_W

ClientSampleId :

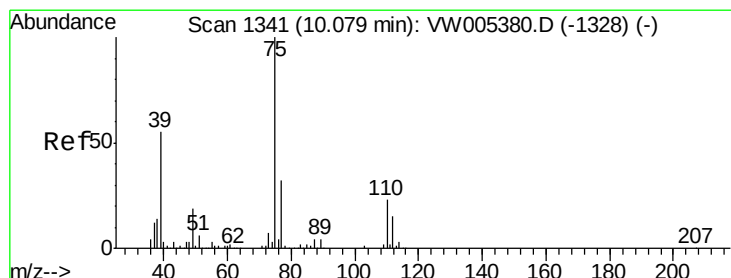
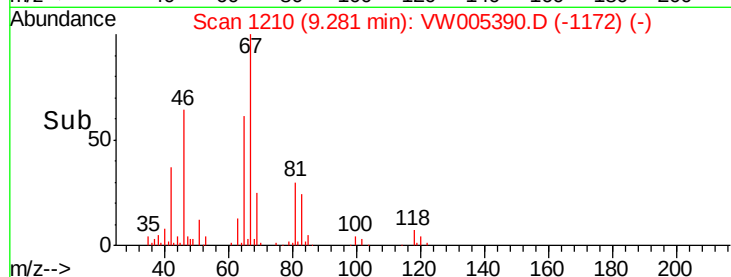
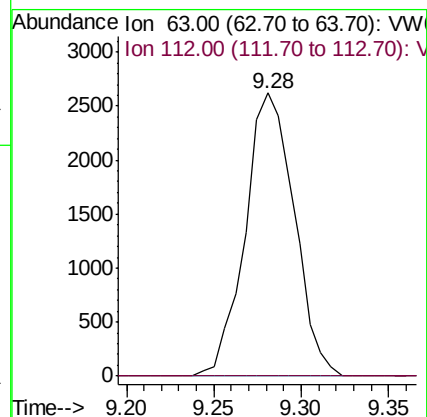
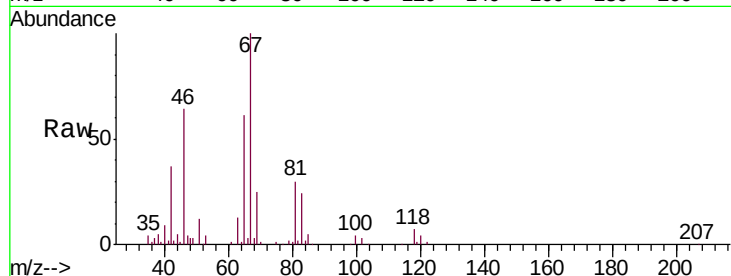
DB3P9

Tgt Ion: 63 Resp: 5098

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#42

cis-1,3-Dichloropropene

Concen: 0.918 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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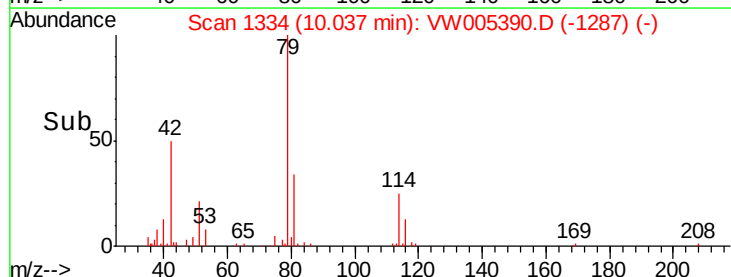
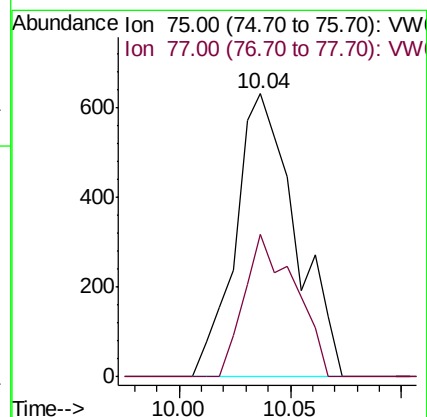
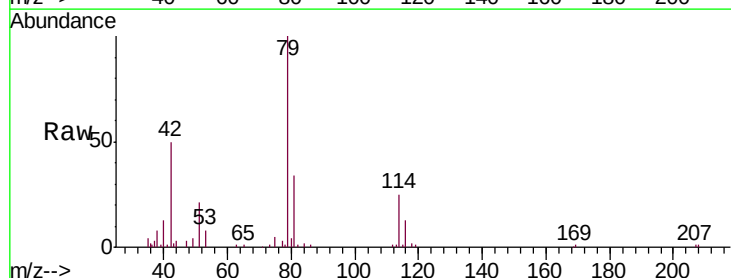
Acq: 14 Sep 2018 16:30

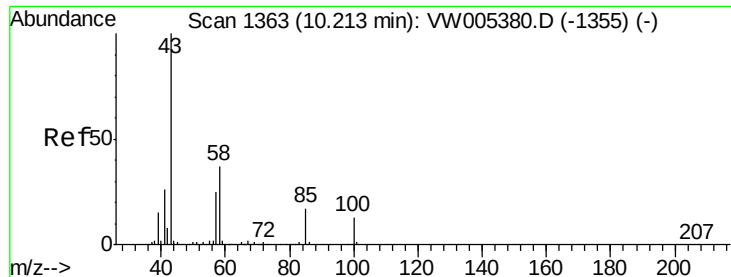
Tgt Ion: 75 Resp: 1189

Ion Ratio Lower Upper

75 100

77 50.2 22.3 41.3#





#43

4-Methyl-2-pentanone

Concen: 1.662 ug/L

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW005390.D

Acq: 14 Sep 2018 16:30

Instrument :

MSVOA_W

ClientSampleId :

DB3P9

Tgt Ion: 43 Resp: 1394

Ion Ratio Lower Upper

43 100

58 36.4 29.8 44.8

100 11.8 11.4 17.0

