

Data File : VW011270.D
Acq On : 15 Jul 2019 19:18
Operator : SY/VA
Sample : K3798-07
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52H4

Quant Time: Jul 16 05:07:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 16 05:02:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	41466	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	36279	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	11371	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	16721	26.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.64%
7) Chloroethane-d5	2.88	69	14546	32.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	130.96%
10) 1,1-Dichloroethene-d2	4.01	63	31803	23.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.88%
20) 2-Butanone-d5	7.08	46	20991	84.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	168.32%#
24) Chloroform-d	7.65	84	42851	37.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	150.80%#
26) 1,2-Dichloroethane-d4	8.31	65	28285	40.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	161.64%#
29) Benzene-d6	8.27	84	83063	37.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	148.64%#
33) 1,2-Dichloropropane-d6	9.27	67	29309	40.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	161.08%#
37) Toluene-d8	10.32	98	65150	32.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	130.84%#
38) trans-1,3-Dichloropropene-	10.58	79	10174	32.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	131.52%
39) 2-Hexanone-d5	10.92	63	15394	92.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	184.46%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	26746	44.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	177.72%#
61) 1,2-Dichlorobenzene-d4	13.85	152	15927	36.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	145.96%#

Target Compounds

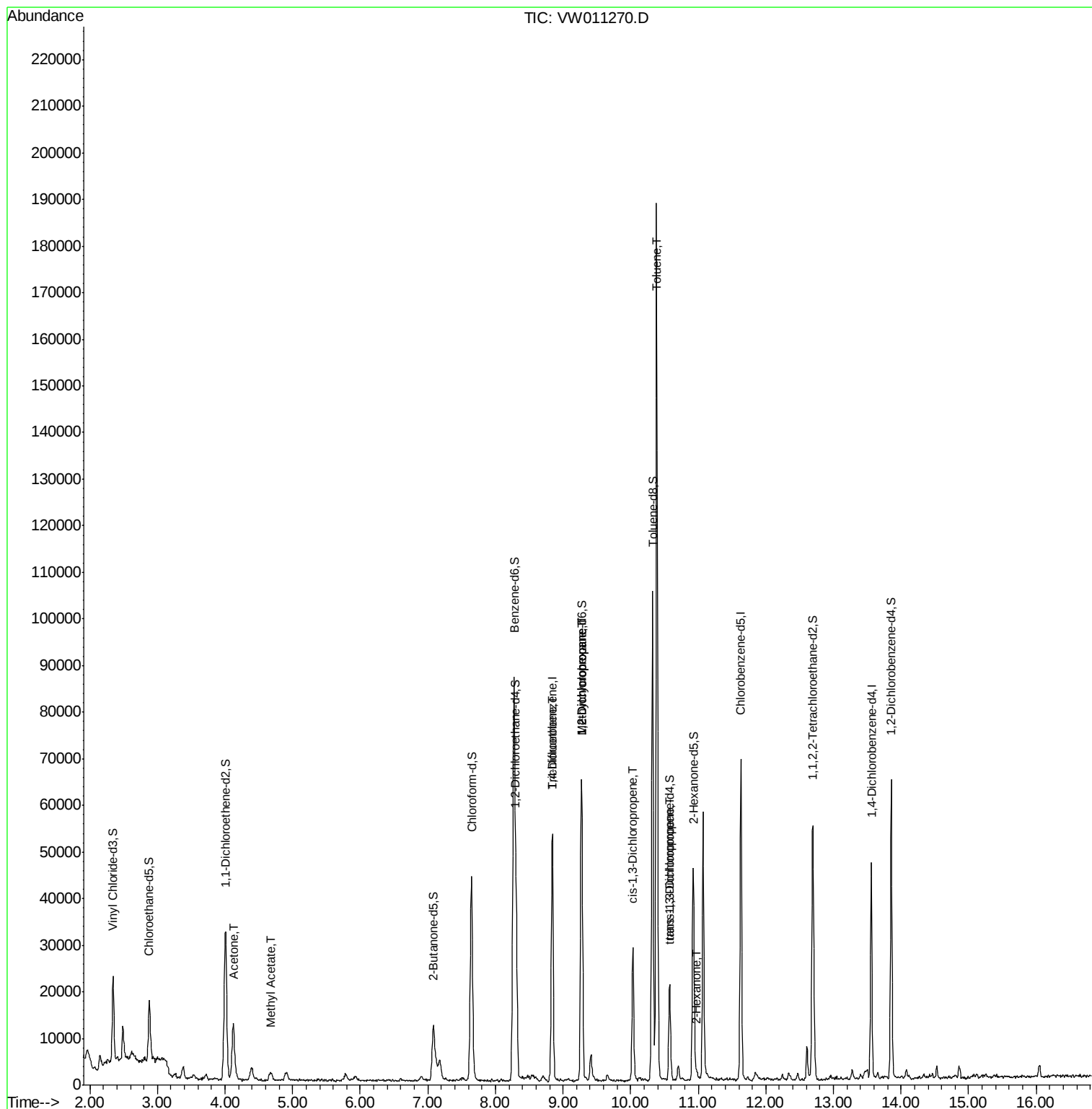
					Qvalue
13) Acetone	4.12	43	22686	93.122 ug/L	99
15) Methyl Acetate	4.67	43	3982	10.045 ug/L #	62
35) Trichloroethene	8.84	95	1534	2.681 ug/L #	6
36) Methylcyclohexane	9.27	83	6916	6.717 ug/L #	15
40) 1,2-Dichloropropane	9.27	63	3264	5.253 ug/L #	88
42) cis-1,3-Dichloropropene	10.03	75	788	0.860 ug/L #	66
44) Toluene	10.38	91	131898	56.202 ug/L	97
45) trans-1,3-Dichloropropene	10.57	75	514	0.678 ug/L	84
49) 2-Hexanone	10.98	43	629	1.500 ug/L #	90

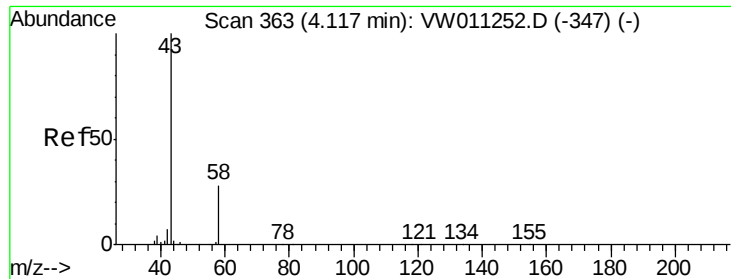
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 93.122 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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Acq: 15 Jul 2019 19:18

Instrument :

MSVOA_W

ClientSampleId :

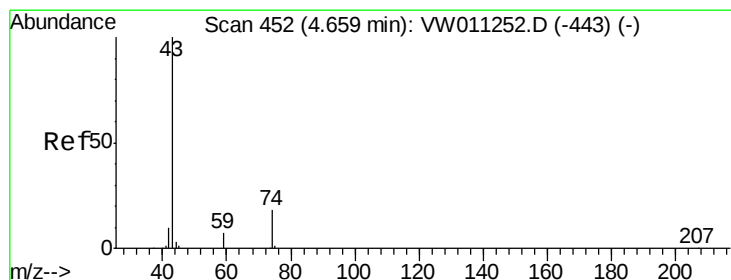
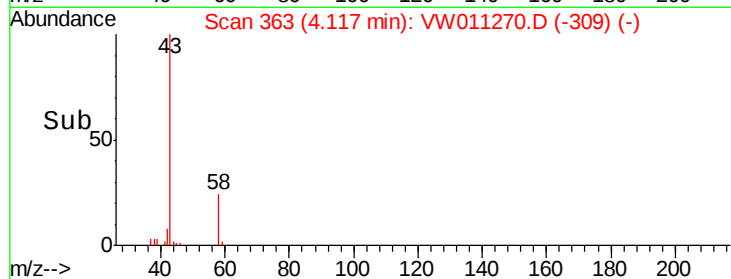
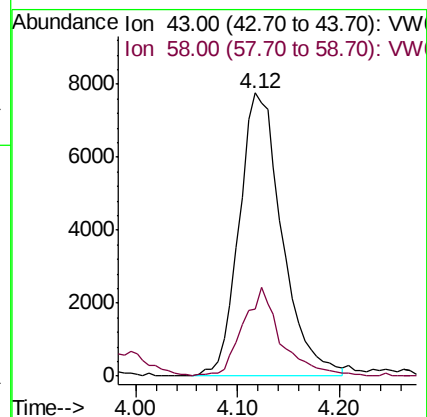
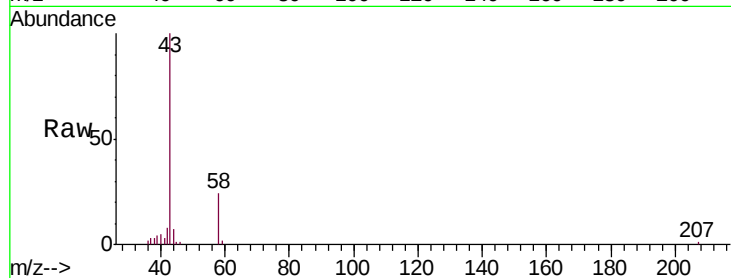
A52H4

Tgt Ion: 43 Resp: 22686

Ion Ratio Lower Upper

43 100

58 28.3 0.0 55.0



#15

Methyl Acetate

Concen: 10.045 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW011270.D

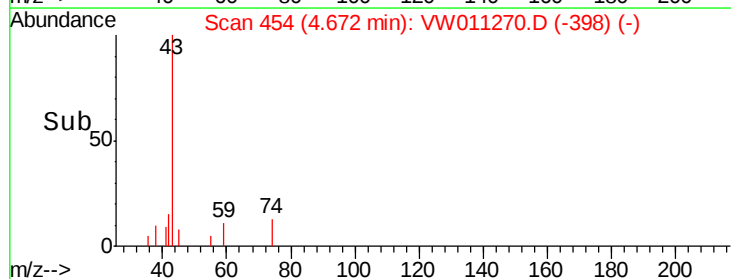
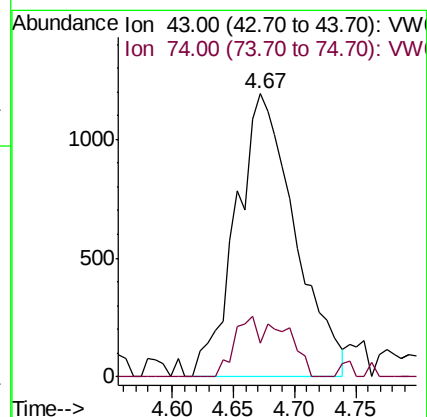
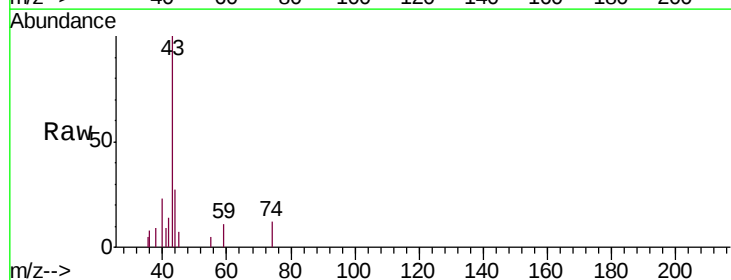
Acq: 15 Jul 2019 19:18

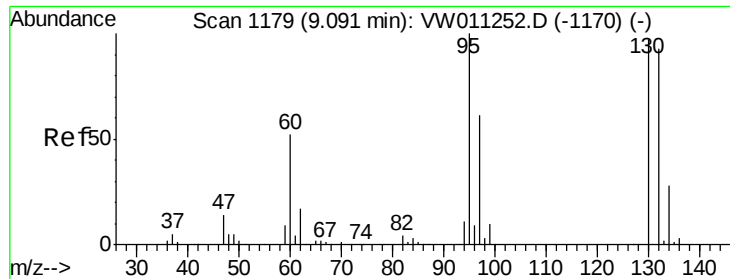
Tgt Ion: 43 Resp: 3982

Ion Ratio Lower Upper

43 100

74 1.9 15.1 22.7#





#35

Trichloroethene

Concen: 2.681 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW011270.D

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Instrument :

MSVOA_W

ClientSampleId :

A52H4

Tgt Ion: 95 Resp: 1534

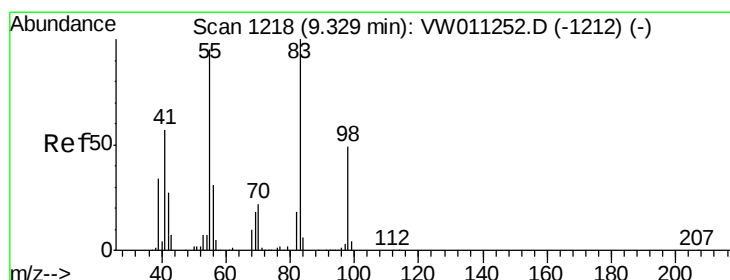
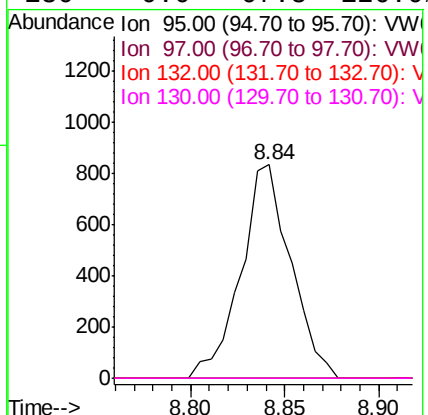
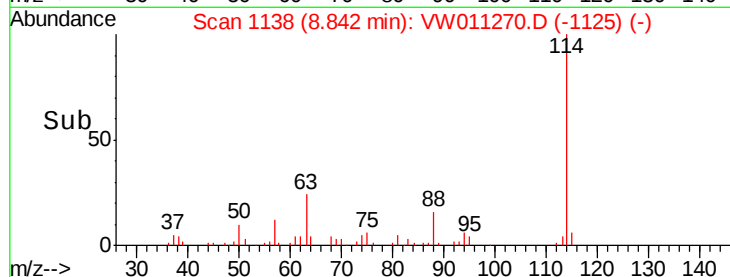
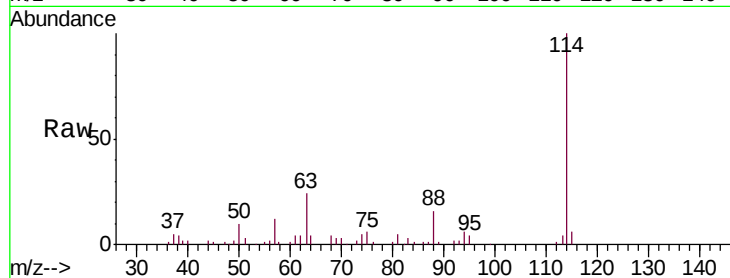
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 65.0 120.8#

130 0.0 67.8 126.0#



#36

Methylcyclohexane

Concen: 6.717 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.05 min

Lab File: VW011270.D

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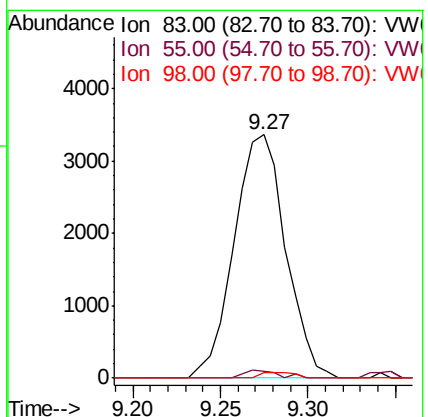
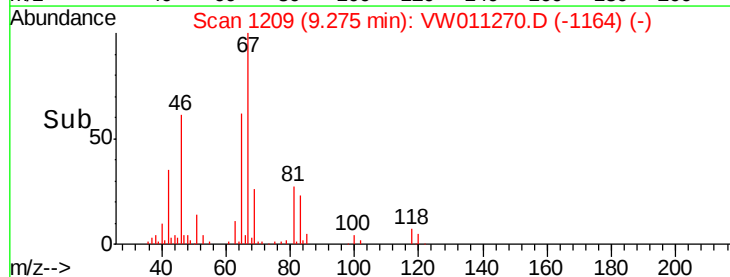
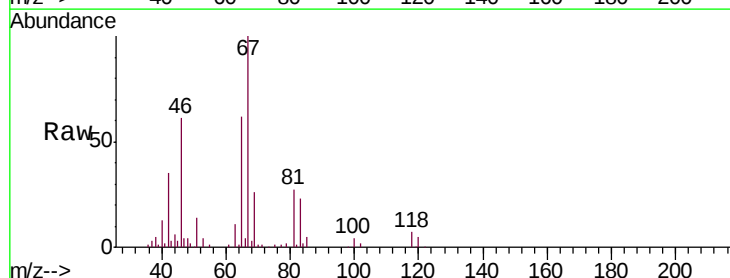
Tgt Ion: 83 Resp: 6916

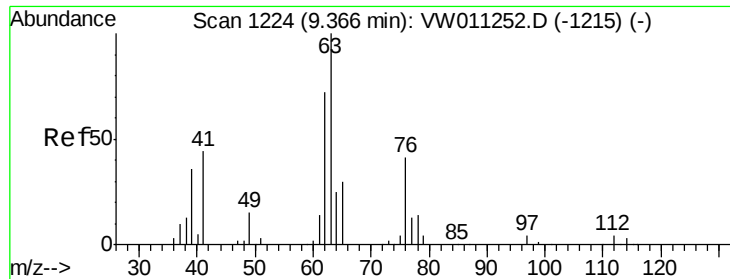
Ion Ratio Lower Upper

83 100

55 1.8 72.2 108.4#

98 1.4 38.2 57.4#

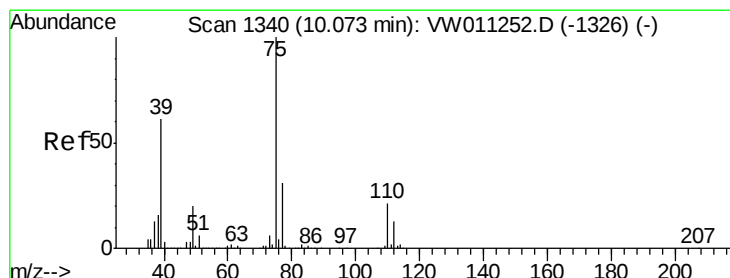
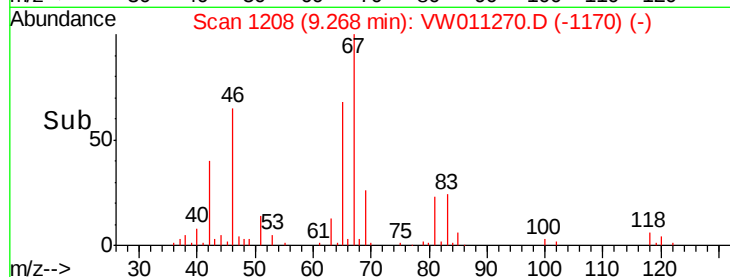
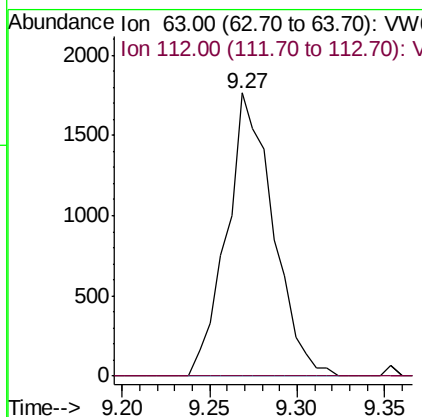
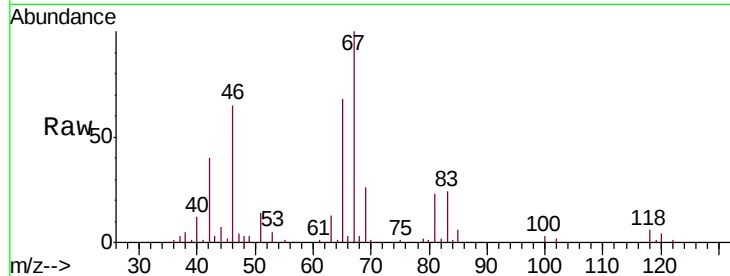




#40
 1,2-Dichloropropane
 Concen: 5.253 ug/L
 RT: 9.27 min Scan# 1208
 Delta R.T. -0.10 min
 Lab File: VW011270.D
 Acq: 15 Jul 2019 19:18

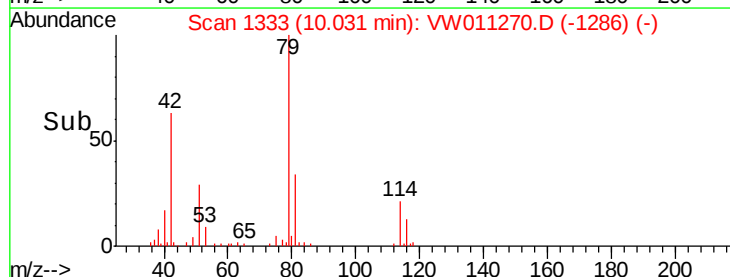
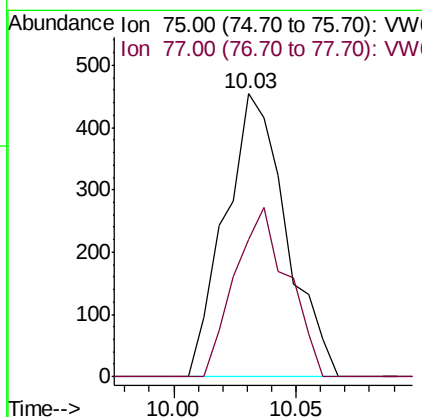
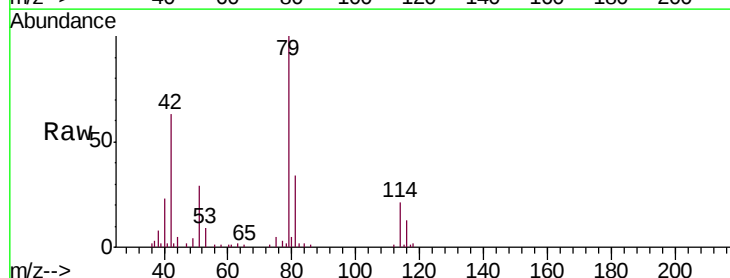
Instrument :
 MSVOA_W
 ClientSampleId :
 A52H4

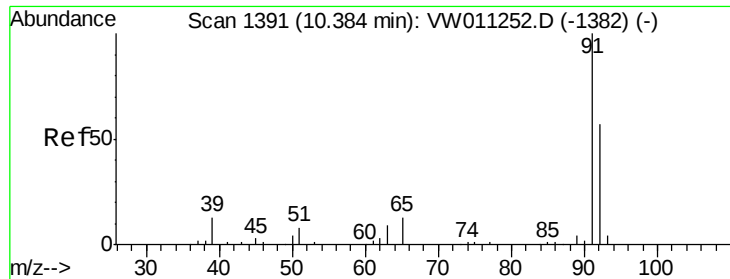
Tgt Ion: 63 Resp: 3264
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#42
 cis-1,3-Dichloropropene
 Concen: 0.860 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW011270.D
 Acq: 15 Jul 2019 19:18

Tgt Ion: 75 Resp: 788
 Ion Ratio Lower Upper
 75 100
 77 48.5 21.1 39.1#





#44

Toluene

Concen: 56.202 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011270.D

Acq: 15 Jul 2019 19:18

Instrument :

MSVOA_W

ClientSampled :

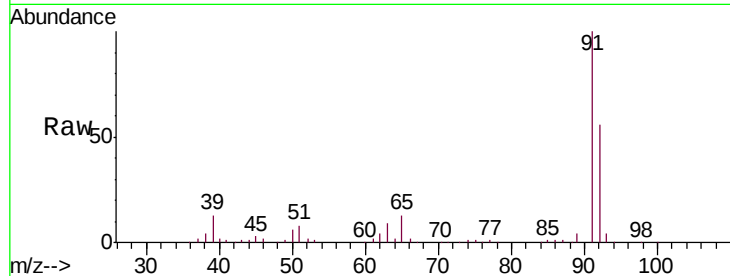
A52H4

Tgt Ion: 91 Resp: 131898

Ion Ratio Lower Upper

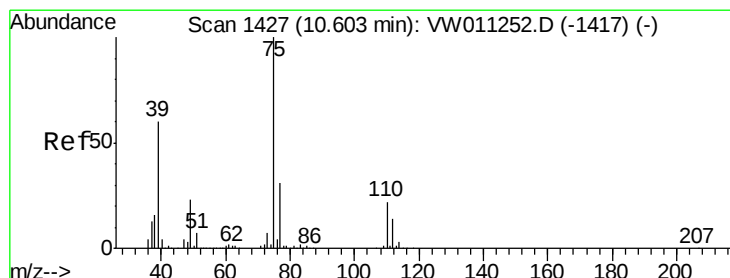
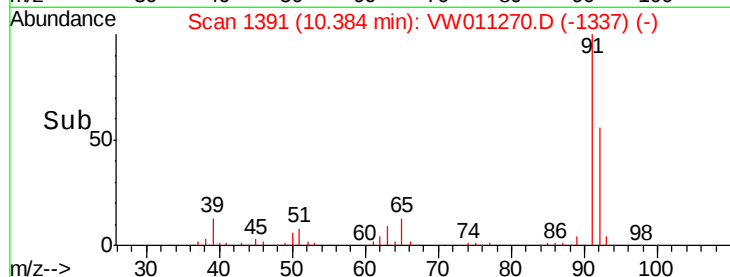
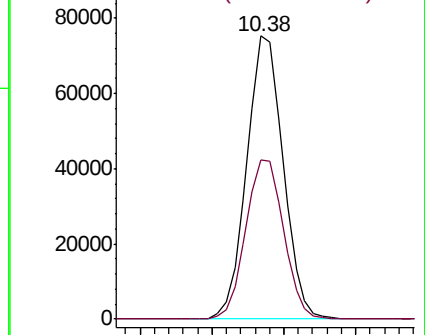
91 100

92 56.1 40.8 75.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.678 ug/L

RT: 10.57 min Scan# 1421

Delta R.T. -0.04 min

Lab File: VW011270.D

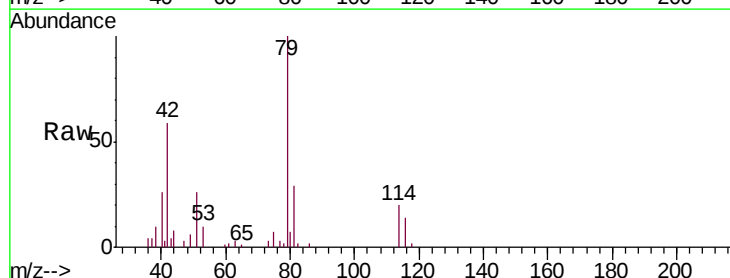
Acq: 15 Jul 2019 19:18

Tgt Ion: 75 Resp: 514

Ion Ratio Lower Upper

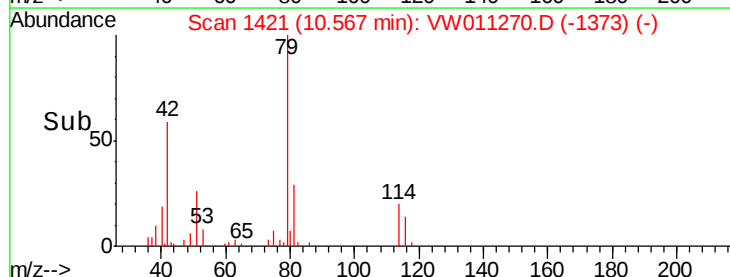
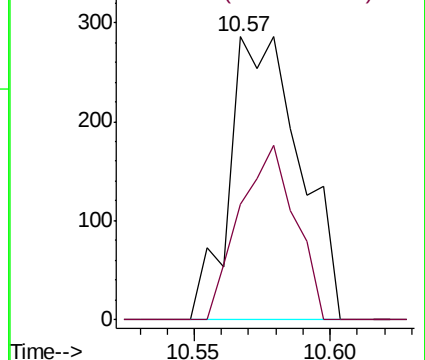
75 100

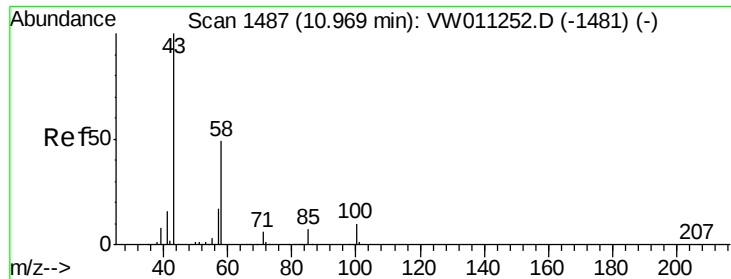
77 40.6 22.3 41.5



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 1.500 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW011270.D

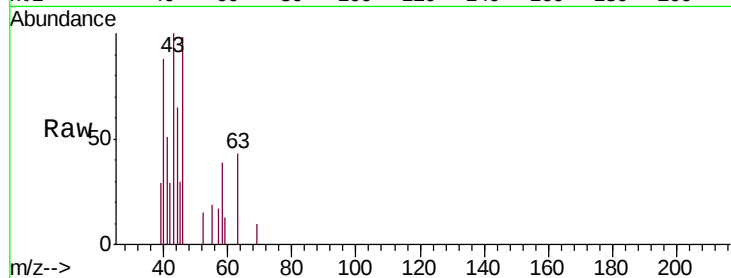
Acq: 15 Jul 2019 19:18

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MSVOA_W

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A52H4



Tgt Ion: 43 Resp: 629

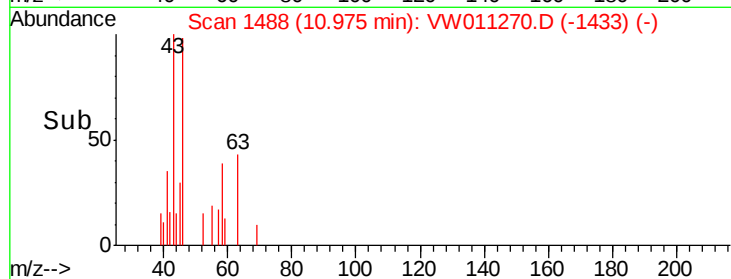
Ion Ratio Lower Upper

43 100

58 54.4 38.4 57.6

57 15.3 13.3 19.9

100 0.0 7.3 10.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

