

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102418\
 Data File : VW006318.D
 Acq On : 24 Oct 2018 14:43
 Operator : SY/AP
 Sample : J5635-11
 Misc : 4.02G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40F0

Quant Time: Oct 25 07:36:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 25 07:32:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	377971	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	347214	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	159352	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	77577	18.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.80%
7) Chloroethane-d5	2.90	69	78917	21.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.04%
10) 1,1-Dichloroethene-d2	4.01	63	125050	15.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.12%
20) 2-Butanone-d5	7.09	46	60041	42.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.98%
24) Chloroform-d	7.65	84	183553	22.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.68%
26) 1,2-Dichloroethane-d4	8.31	65	109881	24.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.04%
29) Benzene-d6	8.28	84	367802	23.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.32%
33) 1,2-Dichloropropane-d6	9.28	67	109809	23.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.32%
37) Toluene-d8	10.33	98	351953	22.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.32%
38) trans-1,3-Dichloropropene-	10.58	79	45227	19.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.24%
39) 2-Hexanone-d5	10.93	63	49577	43.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106588	23.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	129967	23.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.20%

Target Compounds

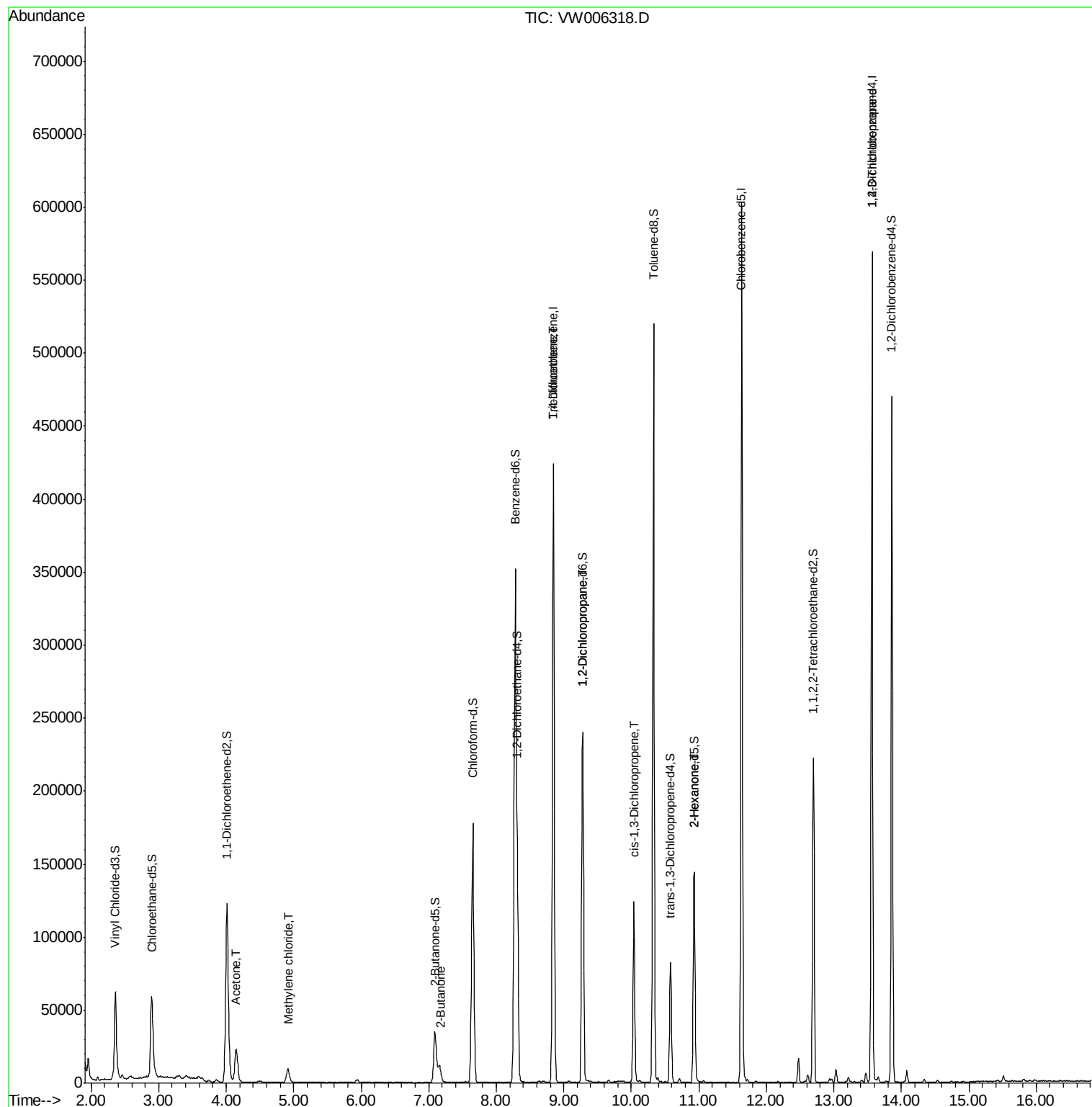
					Qvalue
13) Acetone	4.15	43	42862	30.028 ug/L	100
16) Methylene chloride	4.92	84	7753	1.589 ug/L	88
21) 2-Butanone	7.18	43	908	0.479 ug/L	77
35) Trichloroethene	8.85	95	11036	2.201 ug/L #	2
40) 1,2-Dichloropropane	9.28	63	12472	2.821 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3279	0.454 ug/L #	72
49) 2-Hexanone	10.93	43	7065	2.706 ug/L #	69
59) 1,2,3-Trichloropropane	13.57	75	15745	4.410 ug/L #	86

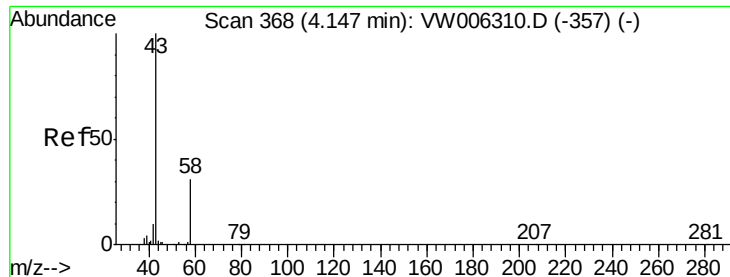
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 25 07:32:16 2018
Response via : Initial Calibration





#13

Acetone

Concen: 30.028 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW006318.D

Acq: 24 Oct 2018 14:43

Instrument :

MSVOA_W

ClientSampled :

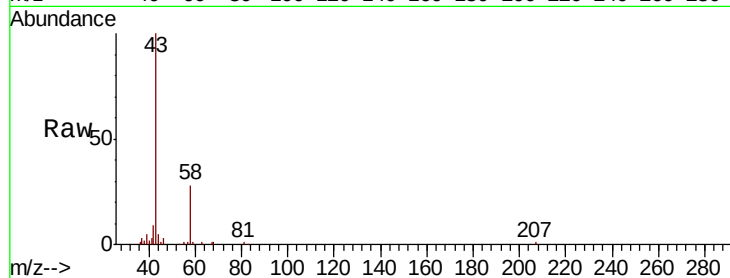
A40F0

Tgt Ion: 43 Resp: 42862

Ion Ratio Lower Upper

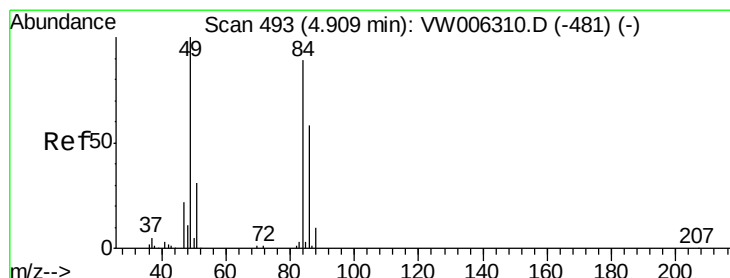
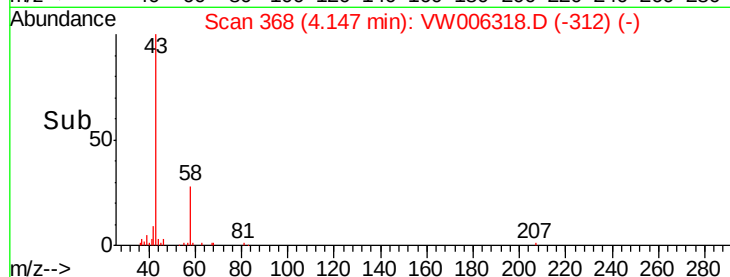
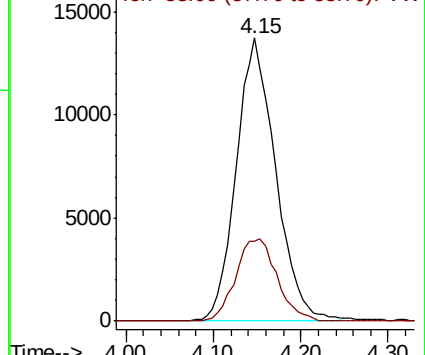
43 100

58 30.5 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.589 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW006318.D

Acq: 24 Oct 2018 14:43

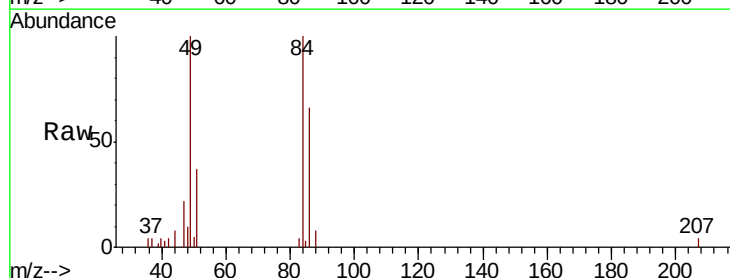
Tgt Ion: 84 Resp: 7753

Ion Ratio Lower Upper

84 100

49 99.9 83.5 155.1

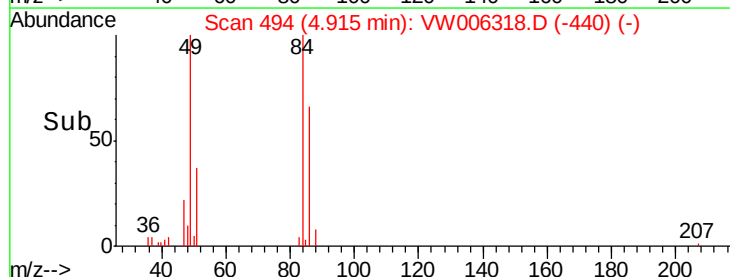
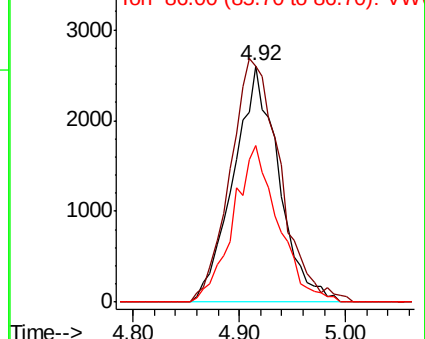
86 66.5 44.9 83.5

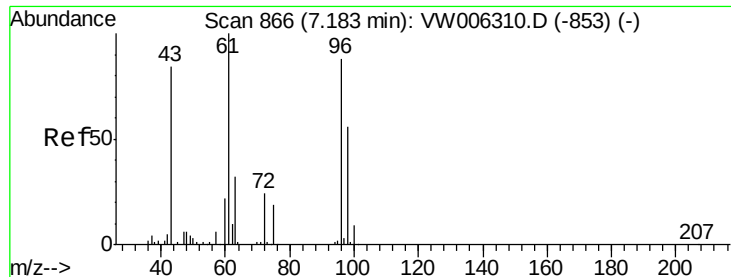


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 0.479 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW006318.D

Acq: 24 Oct 2018 14:43

Instrument :

MSVOA_W

ClientSampleId :

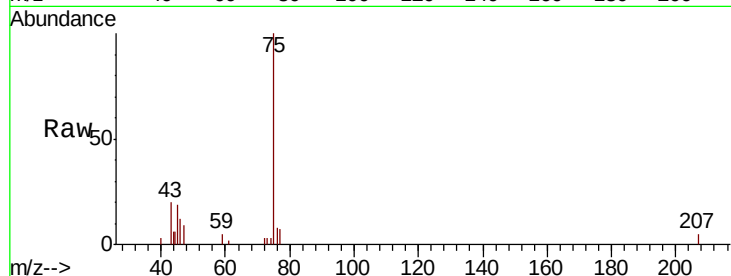
A40F0

Tgt Ion: 43 Resp: 908

Ion Ratio Lower Upper

43 100

72 15.6 13.8 41.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.18

600

500

400

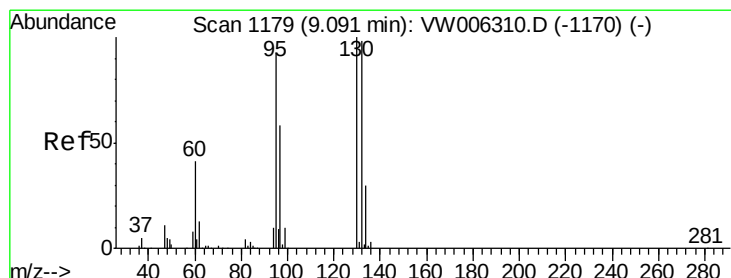
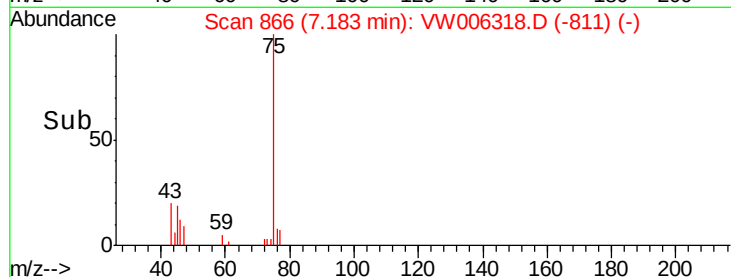
300

200

100

0

Time--> 7.16 7.18 7.20 7.22



#35

Trichloroethene

Concen: 2.201 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW006318.D

Acq: 24 Oct 2018 14:43

Tgt Ion: 95 Resp: 11036

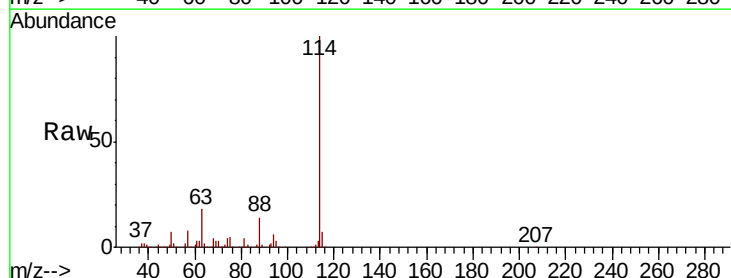
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 72.9 135.3#

130 0.0 75.8 140.8#



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

8000

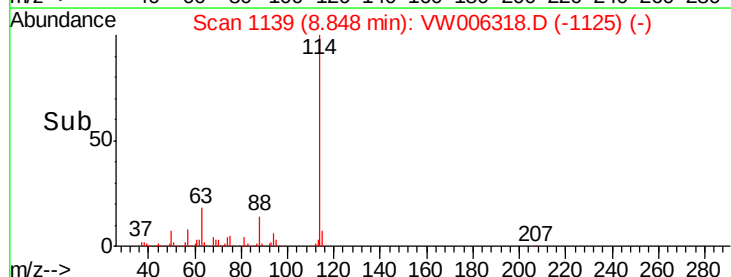
6000

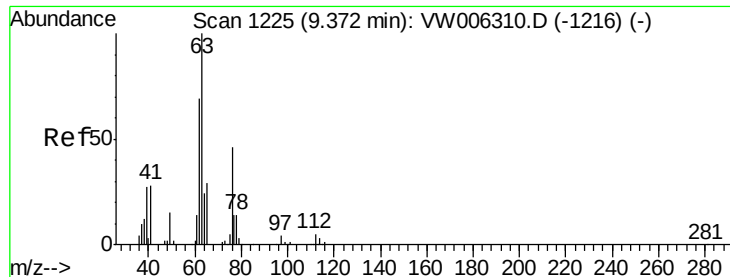
4000

2000

0

Time--> 8.80 8.85 8.90





#40

1,2-Dichloropropane

Concen: 2.821 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW006318.D

Acq: 24 Oct 2018 14:43

Instrument :

MSVOA_W

ClientSampleId :

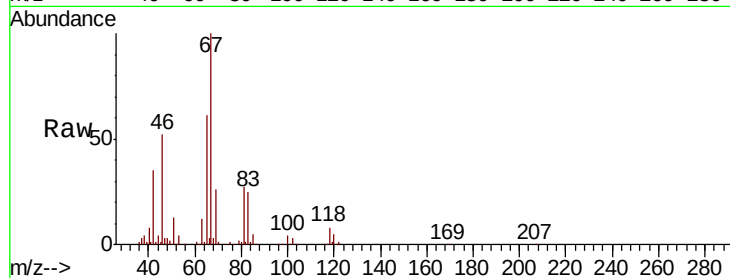
A40F0

Tgt Ion: 63 Resp: 12472

Ion Ratio Lower Upper

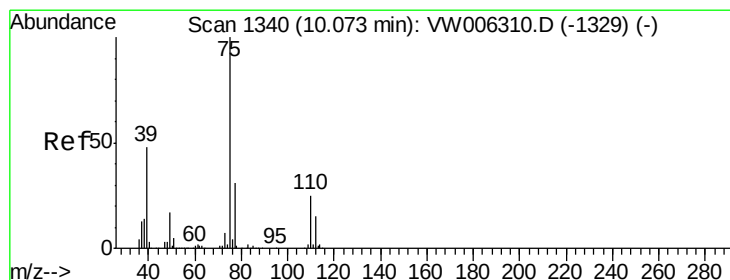
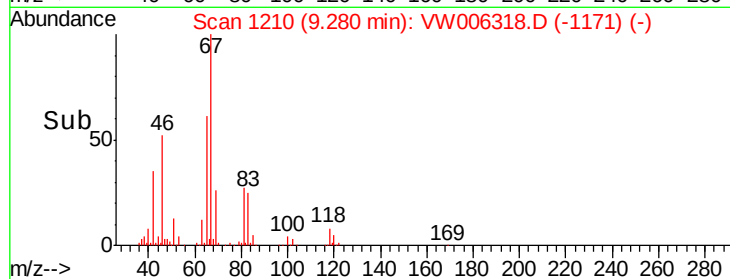
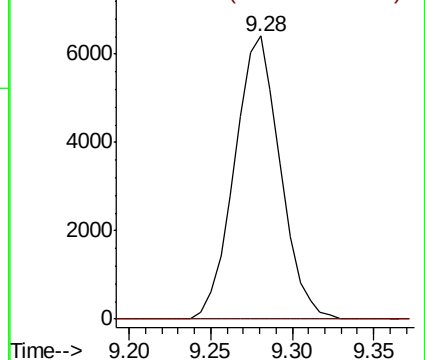
63 100

112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.454 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW006318.D

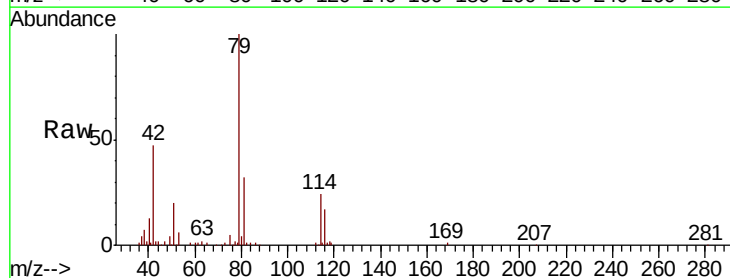
Acq: 24 Oct 2018 14:43

Tgt Ion: 75 Resp: 3279

Ion Ratio Lower Upper

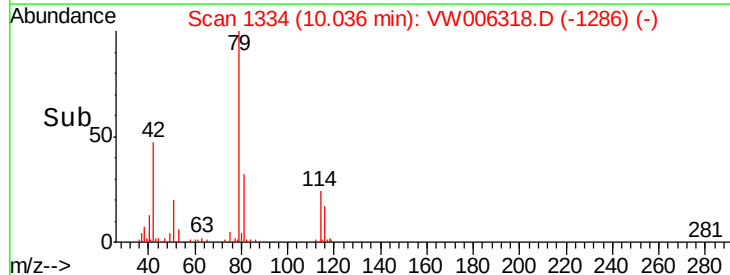
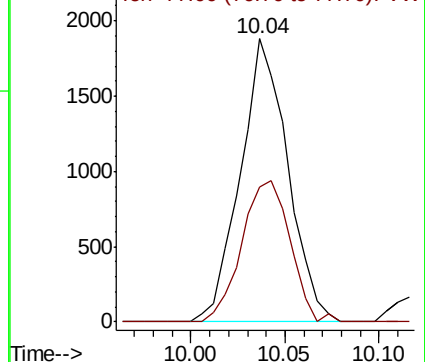
75 100

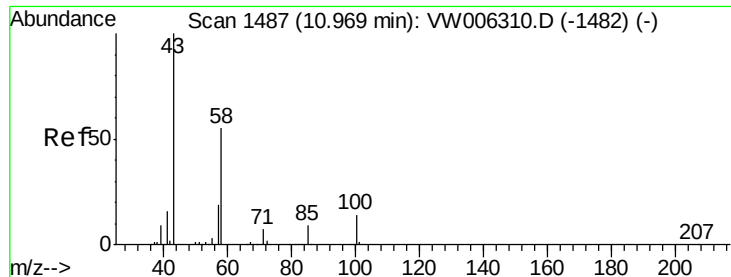
77 47.8 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 2.706 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW006318.D

Acq: 24 Oct 2018 14:43

Instrument :

MSVOA_W

ClientSampled :

A40F0

Tgt Ion: 43 Resp: 7065

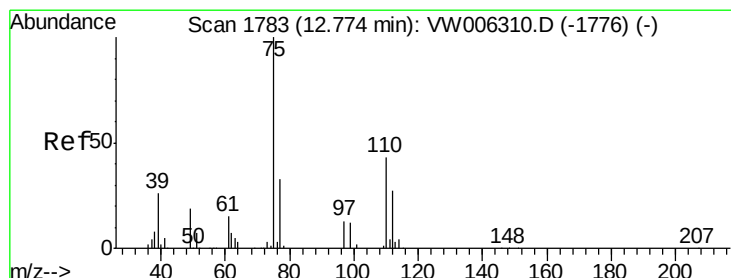
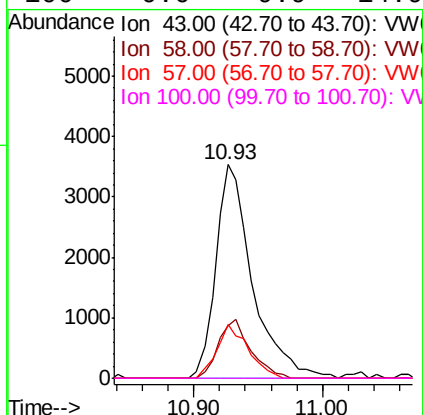
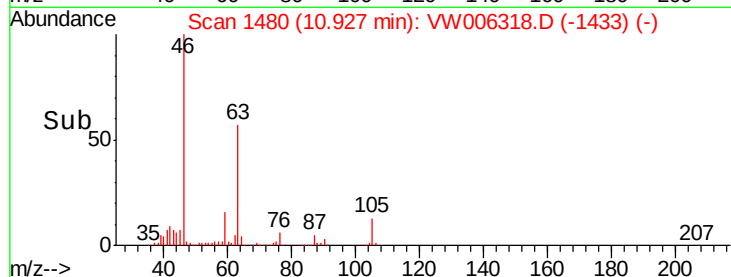
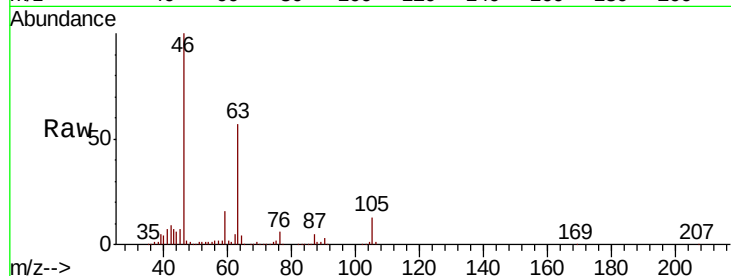
Ion Ratio Lower Upper

43 100

58 24.0 42.1 63.1#

57 21.5 15.1 22.7

100 0.0 9.9 14.9#



#59

1,2,3-Trichloropropane

Concen: 4.410 ug/L

RT: 13.57 min Scan# 1913

Delta R.T. 0.79 min

Lab File: VW006318.D

Acq: 24 Oct 2018 14:43

Tgt Ion: 75 Resp: 15745

Ion Ratio Lower Upper

75 100

77 40.1 25.9 38.9#

