

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102818\
 Data File : VW006415.D
 Acq On : 26 Oct 2018 19:21
 Operator : SY/AP
 Sample : VIBLK92
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK92

Quant Time: Oct 26 23:50:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 26 23:43:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	296556	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	277772	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	147613	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	58902	17.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.44%
7) Chloroethane-d5	2.90	69	61479	21.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.44%
10) 1,1-Dichloroethene-d2	4.01	63	94805	14.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.04%
20) 2-Butanone-d5	7.09	46	59938	54.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.14%
24) Chloroform-d	7.65	84	146478	22.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	8.31	65	86906	24.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.80%
29) Benzene-d6	8.27	84	290839	23.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.24%
33) 1,2-Dichloropropane-d6	9.28	67	86261	22.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.64%
37) Toluene-d8	10.33	98	282069	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.48%
38) trans-1,3-Dichloropropene-	10.58	79	35091	18.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.88%
39) 2-Hexanone-d5	10.93	63	48720	52.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	97978	26.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	127602	25.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.88%

Target Compounds

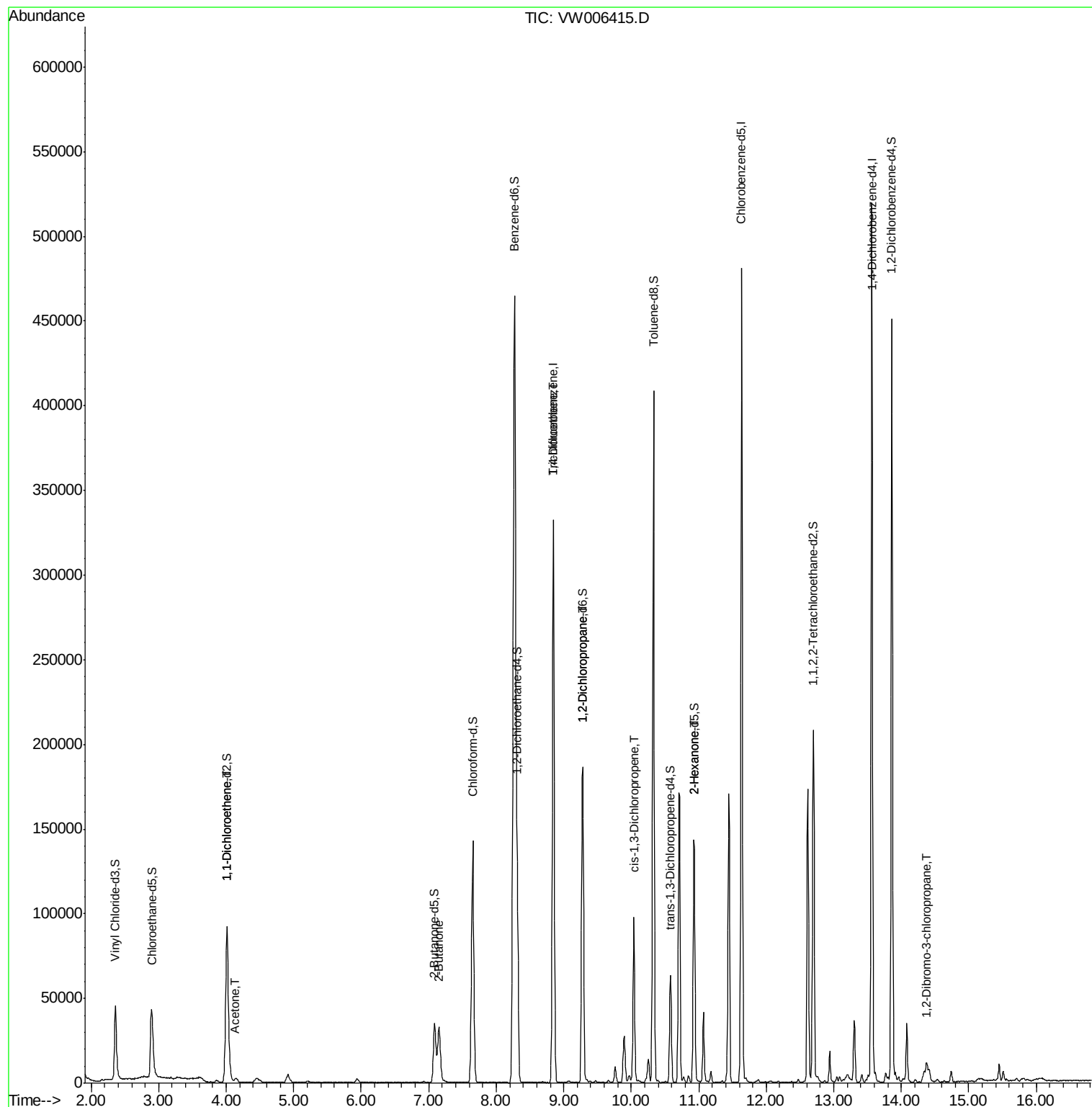
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.01	96	1006	0.295	ug/L #	1
13) Acetone	4.14	43	3035	2.710	ug/L	70
21) 2-Butanone	7.15	43	1016	0.683	ug/L	78
35) Trichloroethene	8.84	95	8774	2.187	ug/L #	2
40) 1,2-Dichloropropane	9.28	63	10000	2.827	ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2764	0.478	ug/L #	73
49) 2-Hexanone	10.93	43	6114	2.927	ug/L #	64
66) 1,2-Dibromo-3-chloropropan	14.36	75	1386	2.065	ug/L #	1

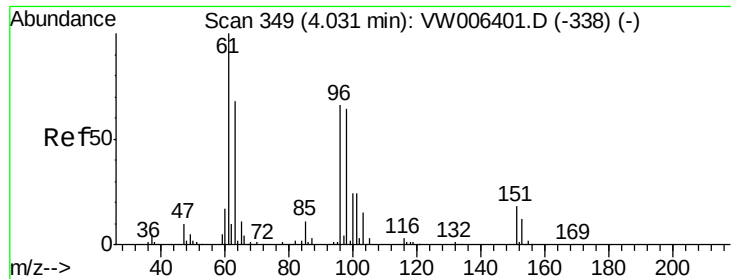
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW102818\
Data File : VW006415.D
Acq On : 26 Oct 2018 19:21
Operator : SY/AP
Sample : VIBLK92
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK92

Quant Time: Oct 26 23:50:01 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 26 23:43:44 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.295 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.02 min

Lab File: VW006415.D

Acq: 26 Oct 2018 19:21

Instrument :

MSVOA_W

ClientSampleId :

VIBLK92

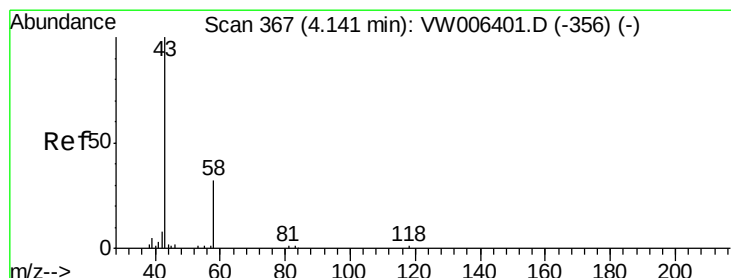
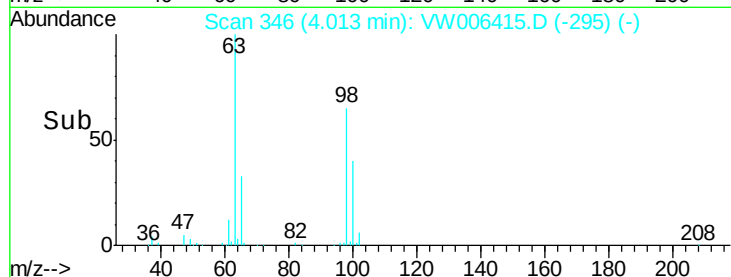
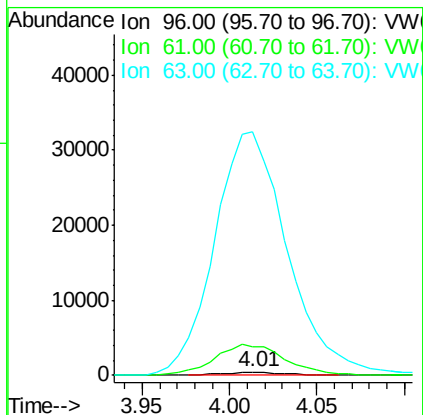
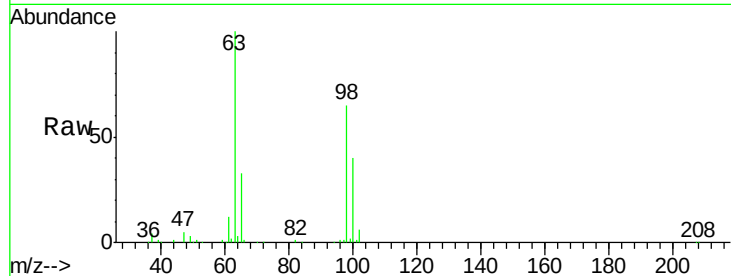
Tgt Ion: 96 Resp: 1006

Ion Ratio Lower Upper

96 100

61 949.4 112.3 208.7#

63 7970.5 102.6 190.6#



#13

Acetone

Concen: 2.710 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006415.D

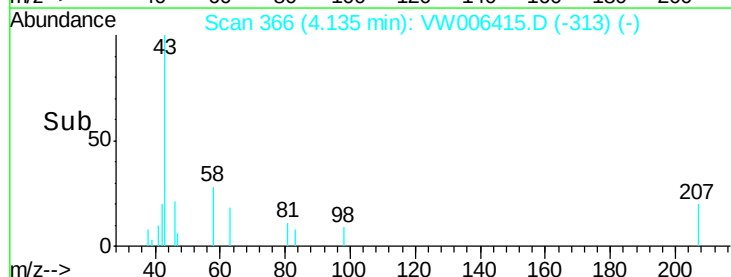
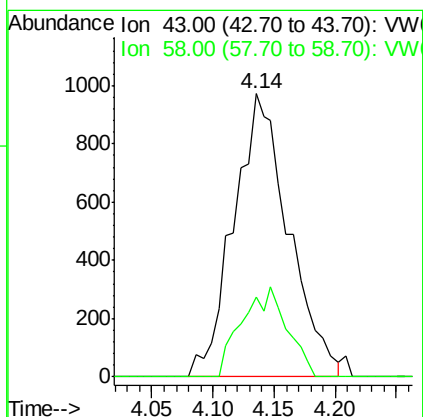
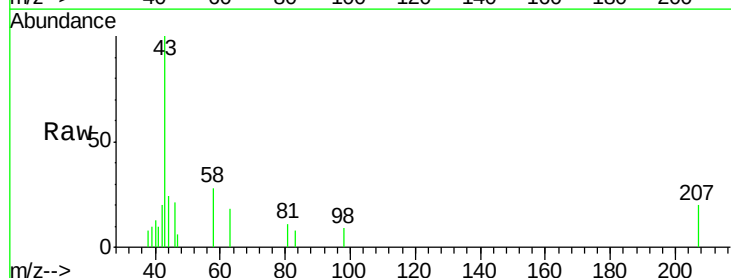
Acq: 26 Oct 2018 19:21

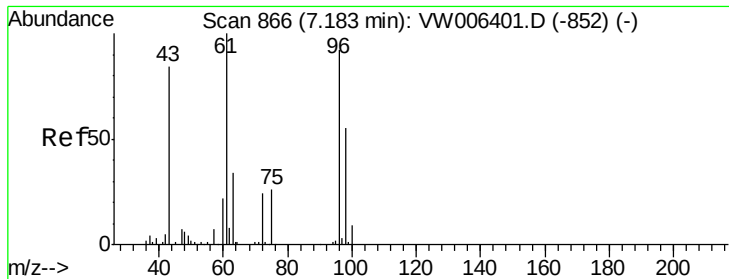
Tgt Ion: 43 Resp: 3035

Ion Ratio Lower Upper

43 100

58 14.1 0.0 61.2





#21

2-Butanone

Concen: 0.683 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

Lab File: VW006415.D

Acq: 26 Oct 2018 19:21

Instrument :

MSVOA_W

ClientSampleId :

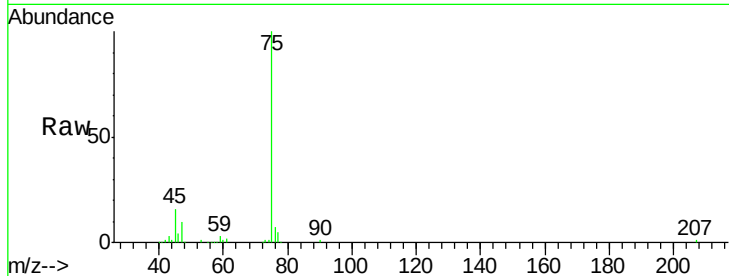
VIBLK92

Tgt Ion: 43 Resp: 1016

Ion Ratio Lower Upper

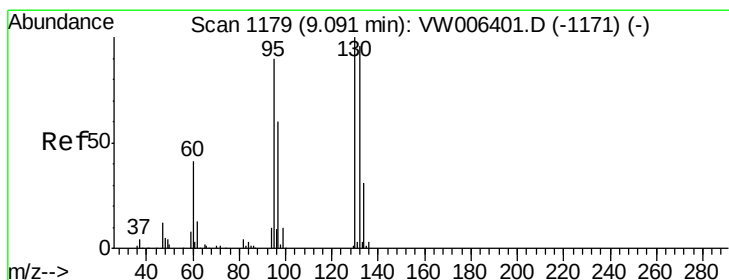
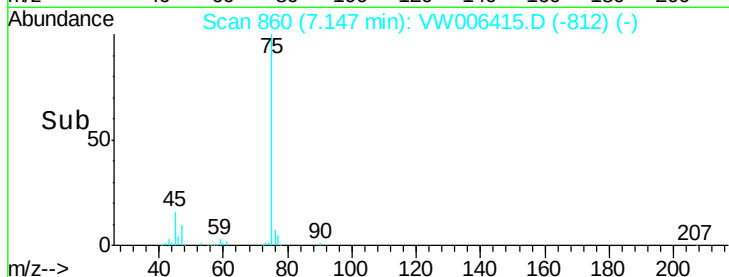
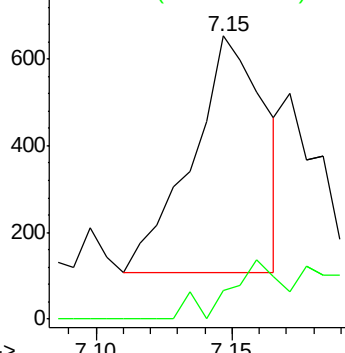
43 100

72 16.0 13.8 41.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#35

Trichloroethene

Concen: 2.187 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW006415.D

Acq: 26 Oct 2018 19:21

Tgt Ion: 95 Resp: 8774

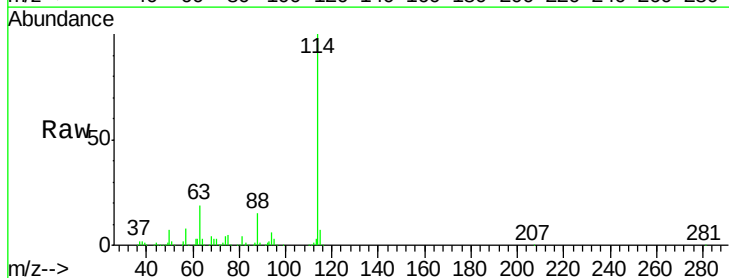
Ion Ratio Lower Upper

95 100

97 0.2 45.8 85.0#

132 0.0 72.9 135.3#

130 0.7 75.8 140.8#

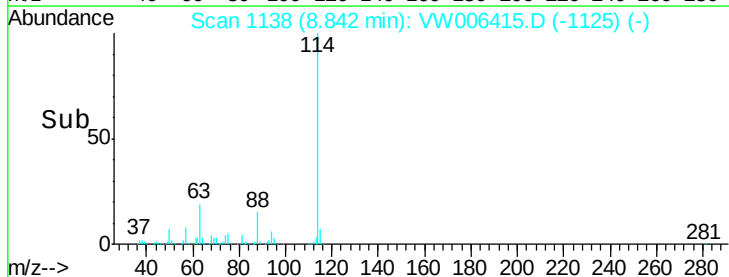
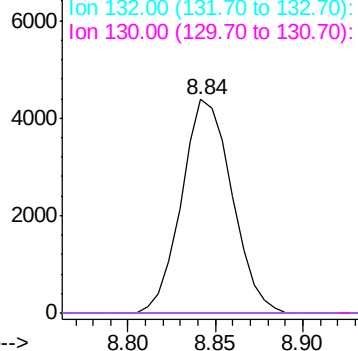


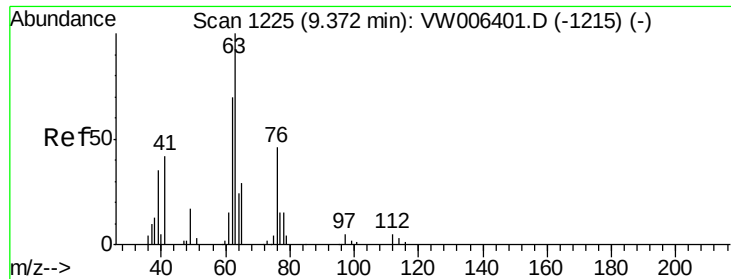
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW





#40

1,2-Dichloropropane

Concen: 2.827 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW006415.D

Acq: 26 Oct 2018 19:21

Instrument :

MSVOA_W

ClientSampleId :

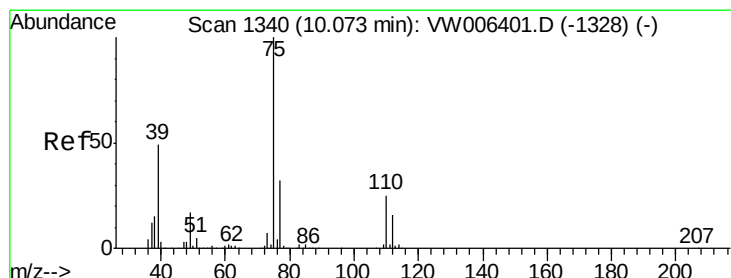
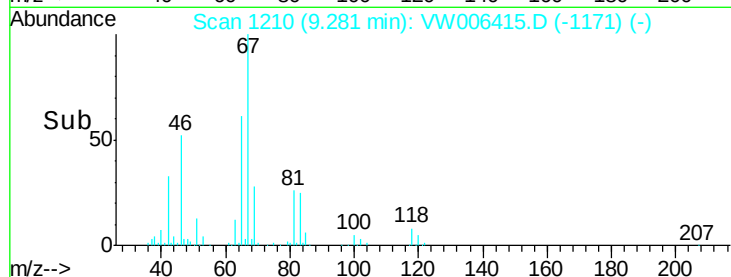
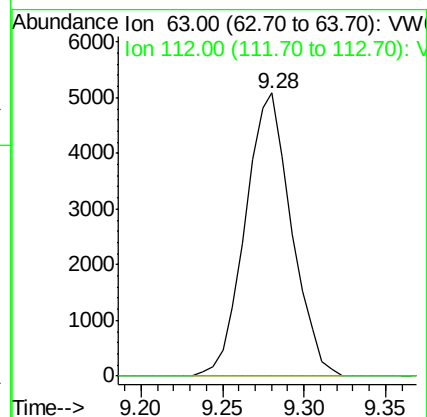
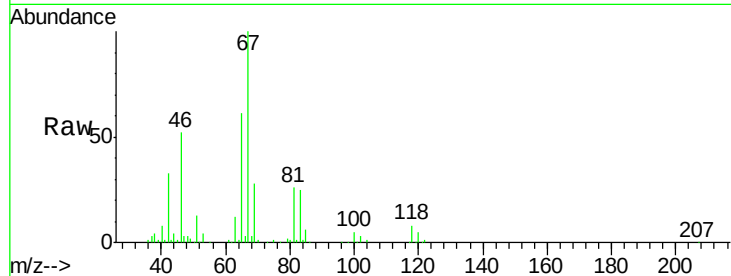
VIBLK92

Tgt Ion: 63 Resp: 10000

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#42

cis-1,3-Dichloropropene

Concen: 0.478 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW006415.D

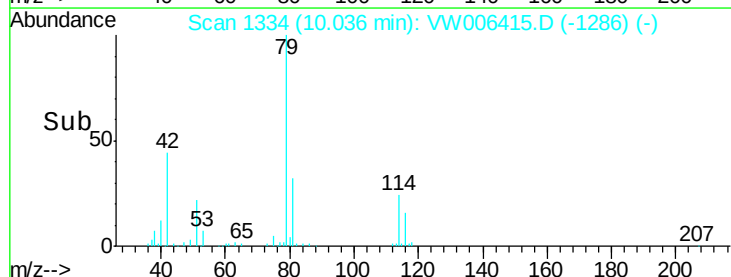
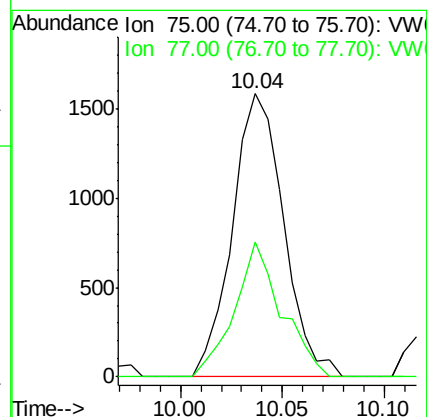
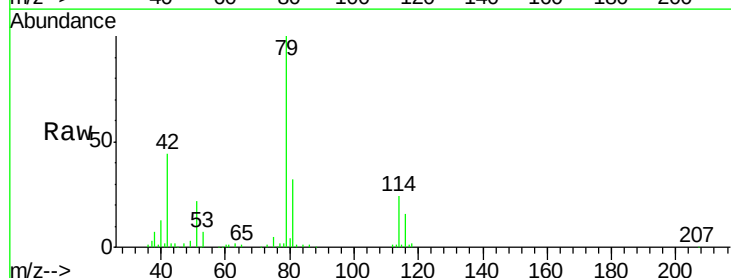
Acq: 26 Oct 2018 19:21

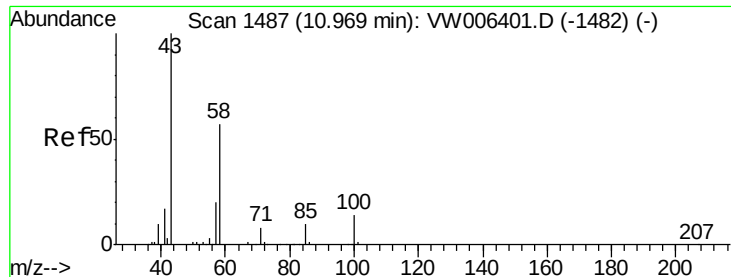
Tgt Ion: 75 Resp: 2764

Ion Ratio Lower Upper

75 100

77 47.6 22.6 42.0#





#49

2-Hexanone

Concen: 2.927 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW006415.D

Acq: 26 Oct 2018 19:21

Instrument :

MSVOA_W

ClientSampleId :

VIBLK92

Tgt Ion: 43 Resp: 6114

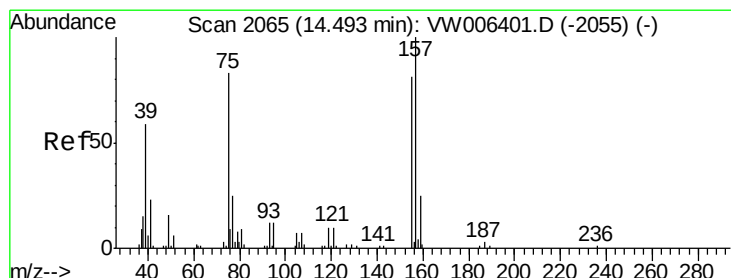
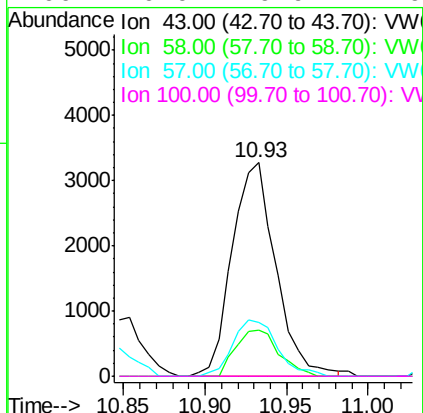
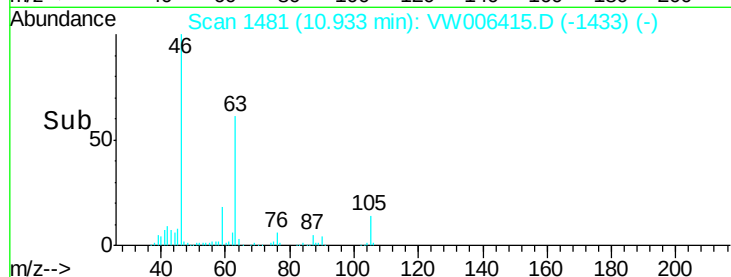
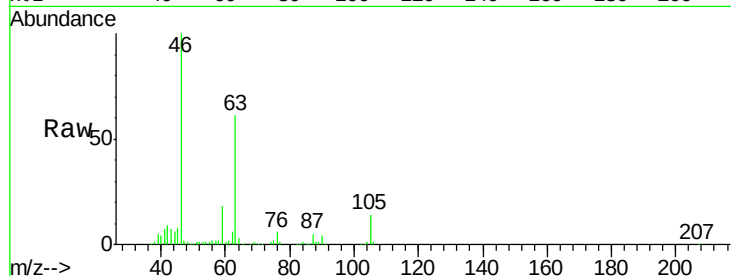
Ion Ratio Lower Upper

43 100

58 21.6 42.1 63.1#

57 26.8 15.1 22.7#

100 0.0 9.9 14.9#



#66

1,2-Dibromo-3-chloropropane

Concen: 2.065 ug/L

RT: 14.36 min Scan# 2044

Delta R.T. -0.13 min

Lab File: VW006415.D

Acq: 26 Oct 2018 19:21

Tgt Ion: 75 Resp: 1386

Ion Ratio Lower Upper

75 100

157 0.0 106.8 160.2#

155 0.0 79.2 118.8#

