

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092018\
 Data File : VW005528.D
 Acq On : 20 Sep 2018 12:13
 Operator : SY/AP
 Sample : J4970-01
 Misc : 6.31G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E5FD5

Quant Time: Sep 21 01:01:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091918S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 21 01:00:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	374159	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	342959	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	146897	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	131633	26.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.52%
7) Chloroethane-d5	2.89	69	102785	25.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.40%
10) 1,1-Dichloroethene-d2	4.01	63	212348	19.16	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.64%
20) 2-Butanone-d5	7.09	46	78554	39.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.92%
24) Chloroform-d	7.65	84	250461	24.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.64%
26) 1,2-Dichloroethane-d4	8.31	65	157273	25.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.88%
29) Benzene-d6	8.28	84	503835	24.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.40%
33) 1,2-Dichloropropane-d6	9.28	67	154611	25.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.12%
37) Toluene-d8	10.33	98	460841	24.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.76%
38) trans-1,3-Dichloropropene-	10.59	79	69501	24.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.08%
39) 2-Hexanone-d5	10.93	63	59444	41.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.38%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	120982	21.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.72%
61) 1,2-Dichlorobenzene-d4	13.87	152	147023	25.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.36%

Target Compounds

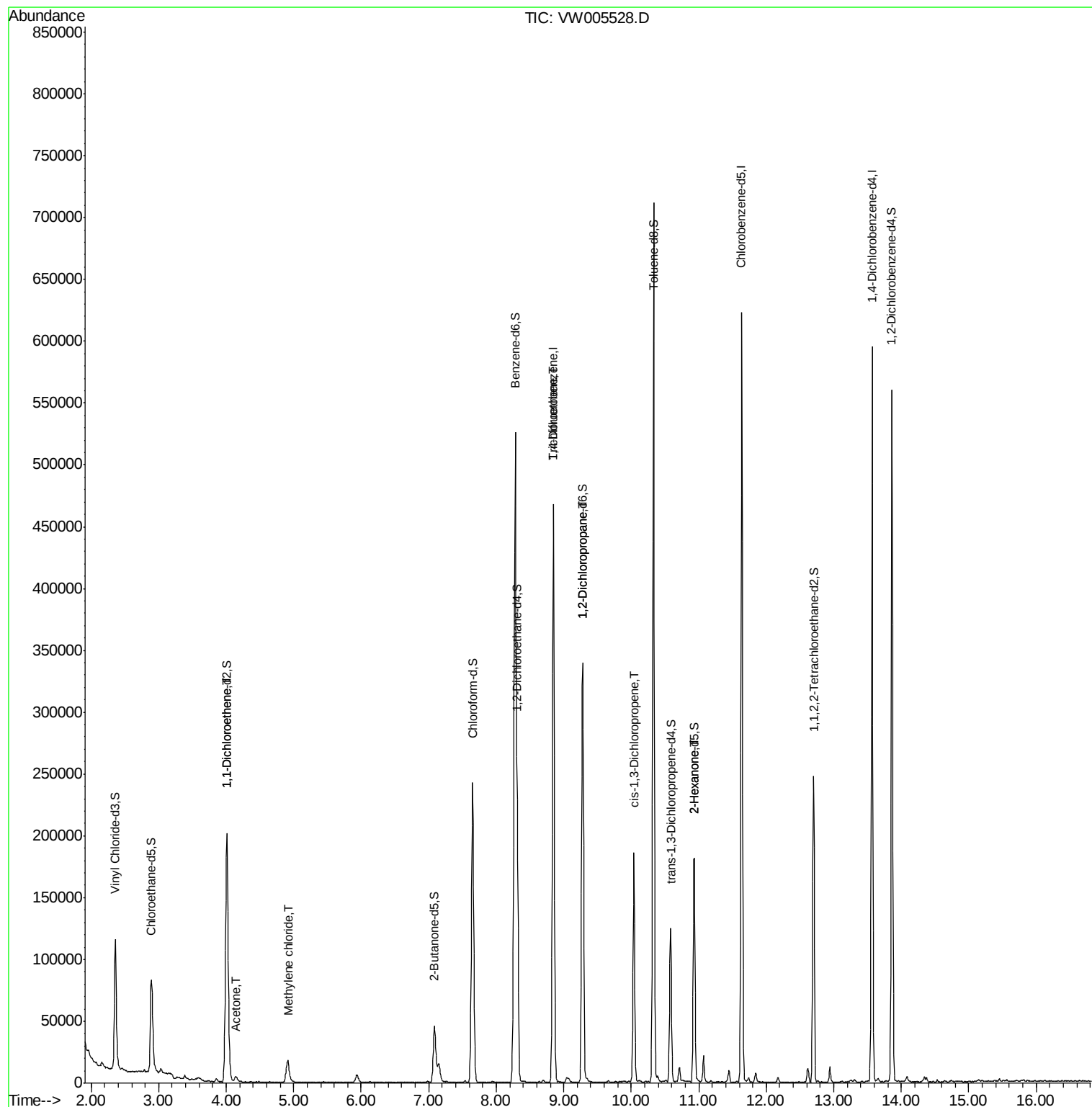
					Qvalue
12) 1,1-Dichloroethene	4.01	96	1666	0.360 ug/L #	1
13) Acetone	4.14	43	3902	2.318 ug/L	95
16) Methylene chloride	4.92	84	12797	2.068 ug/L	94
35) Trichloroethene	8.85	95	11583	2.164 ug/L #	6
40) 1,2-Dichloropropane	9.28	63	17730	3.299 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	4601	0.582 ug/L #	66
49) 2-Hexanone	10.93	43	8168	2.622 ug/L #	69

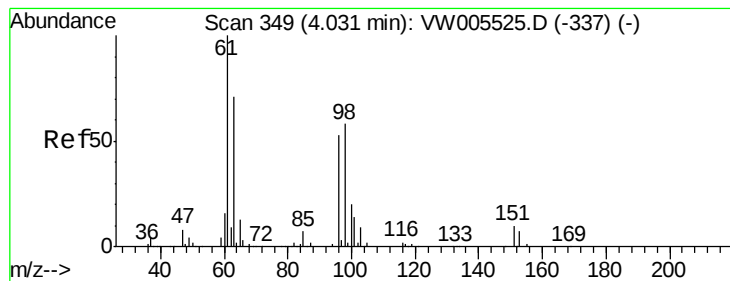
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091918S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 21 01:00:52 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.360 ug/L

RT: 4.01 min Scan# 345

Delta R.T. -0.03 min

Lab File: VW005528.D

Acq: 20 Sep 2018 12:13

Instrument :

MSVOA_W

ClientSampleID :

E5FD5

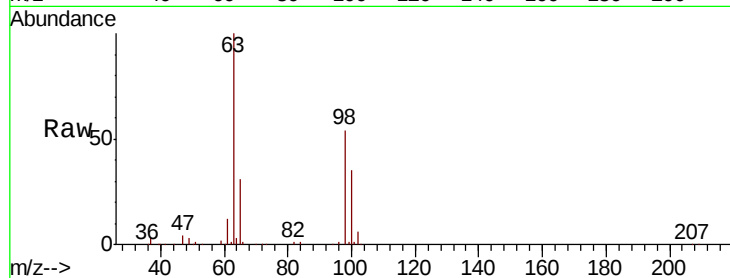
Tgt Ion: 96 Resp: 1666

Ion Ratio Lower Upper

96 100

61 1299.1 129.5 240.5#

63 11029.2 117.5 218.3#

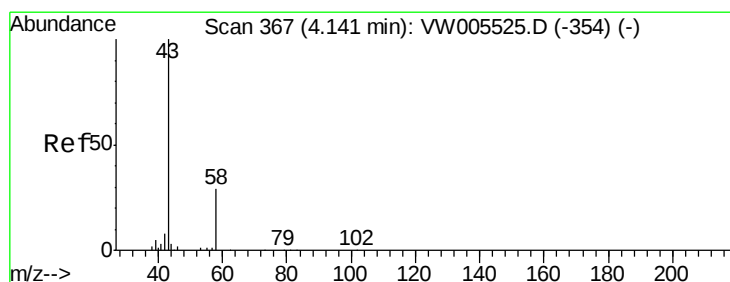
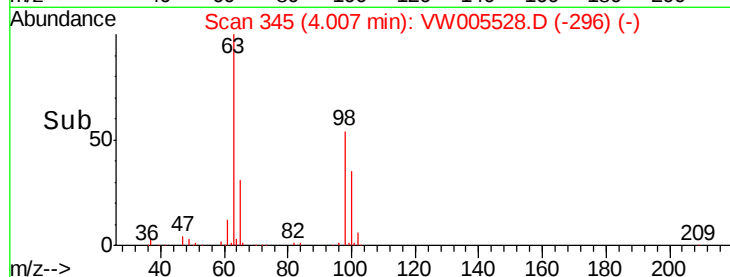
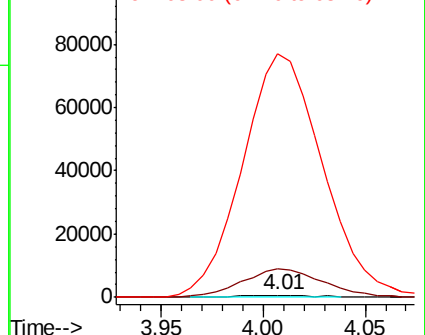


Abundance

Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW



#13

Acetone

Concen: 2.318 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW005528.D

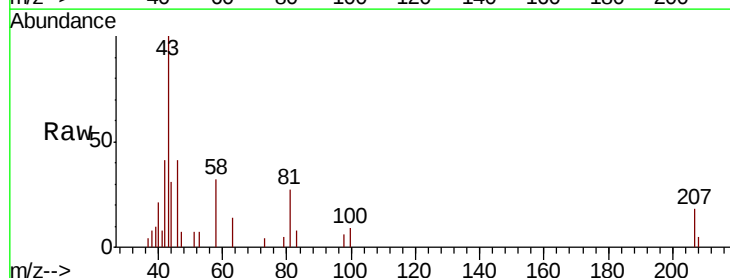
Acq: 20 Sep 2018 12:13

Tgt Ion: 43 Resp: 3902

Ion Ratio Lower Upper

43 100

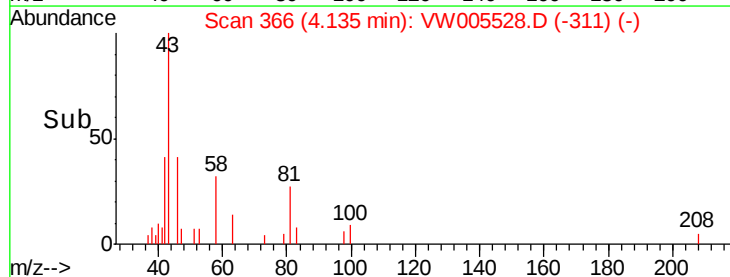
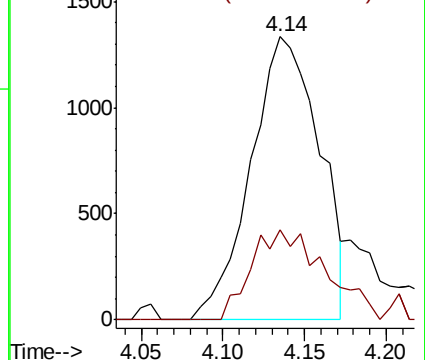
58 32.2 0.0 59.2

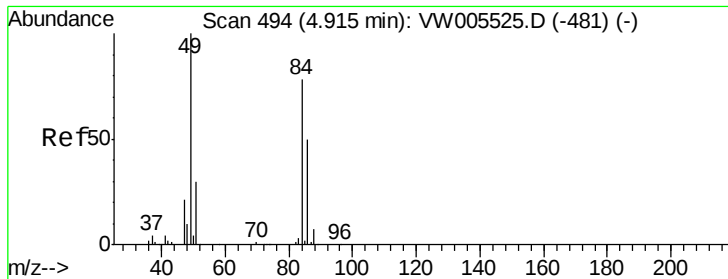


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

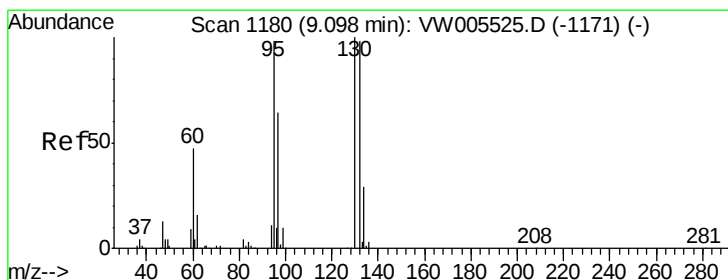
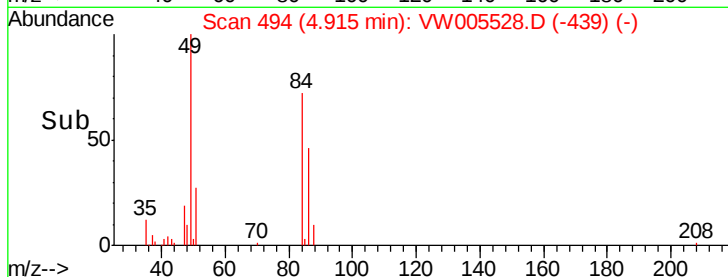
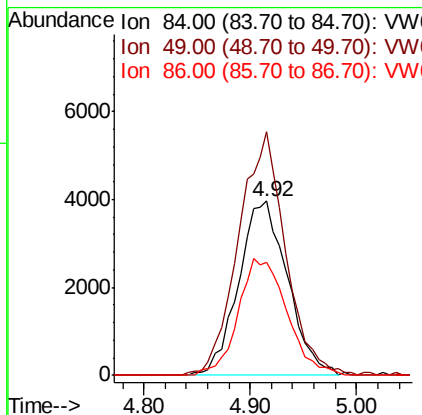
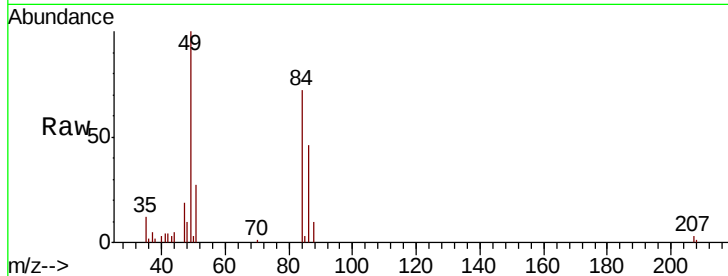




#16
Methylene chloride
Concen: 2.068 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005528.D
Acq: 20 Sep 2018 12:13

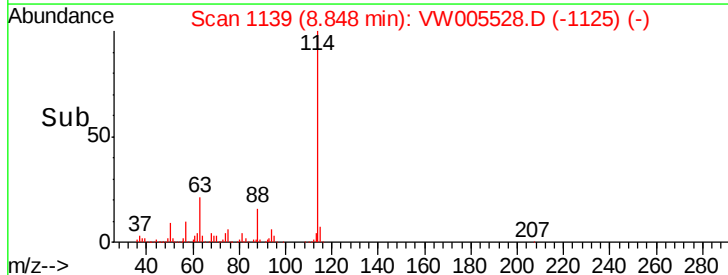
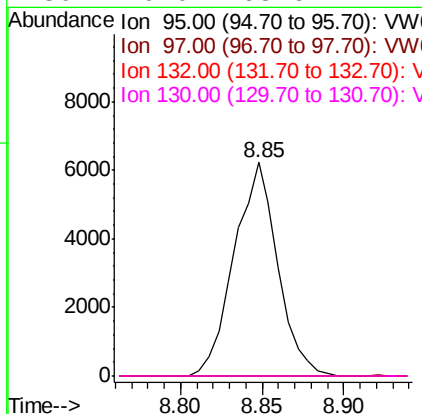
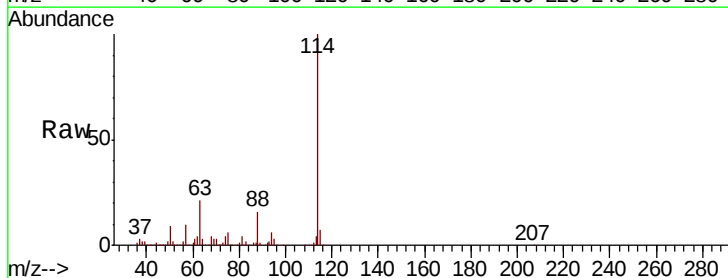
Instrument :
MSVOA_W
ClientSampleId :
E5FD5

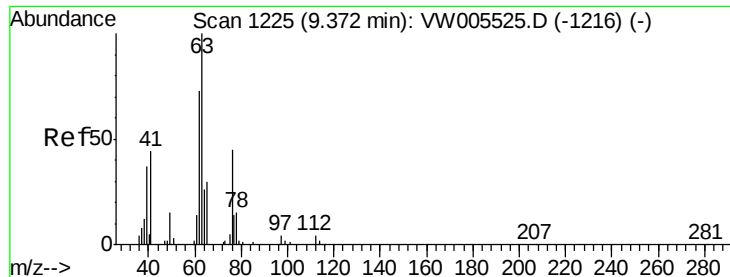
Tgt Ion: 84 Resp: 12797
Ion Ratio Lower Upper
84 100
49 139.7 91.5 169.9
86 64.8 44.8 83.2



#35
Trichloroethene
Concen: 2.164 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW005528.D
Acq: 20 Sep 2018 12:13

Tgt Ion: 95 Resp: 11583
Ion Ratio Lower Upper
95 100
97 0.5 45.0 83.6#
132 0.0 66.4 123.2#
130 0.0 68.6 127.4#





#40

1,2-Dichloropropane

Concen: 3.299 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW005528.D

Acq: 20 Sep 2018 12:13

Instrument :

MSVOA_W

ClientSampleId :

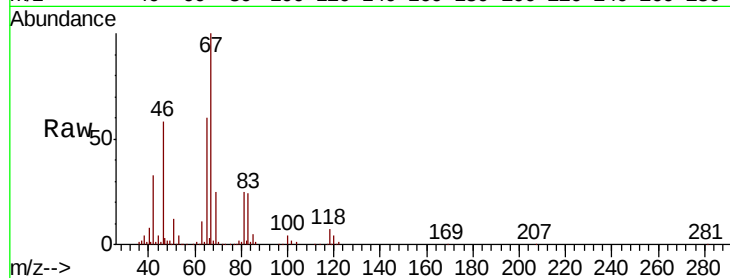
E5FD5

Tgt Ion: 63 Resp: 17730

Ion Ratio Lower Upper

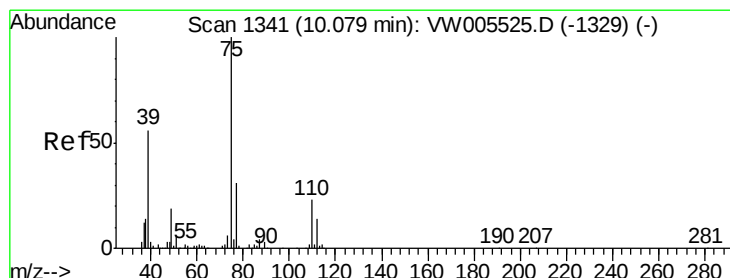
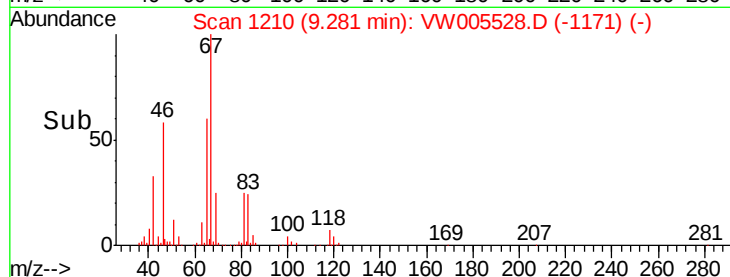
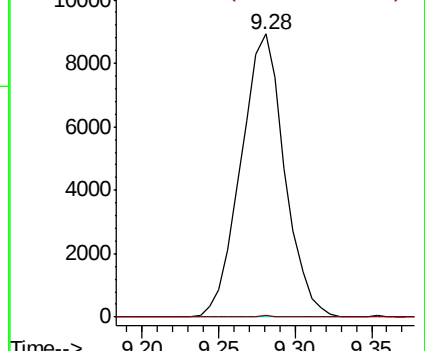
63 100

112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.582 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW005528.D

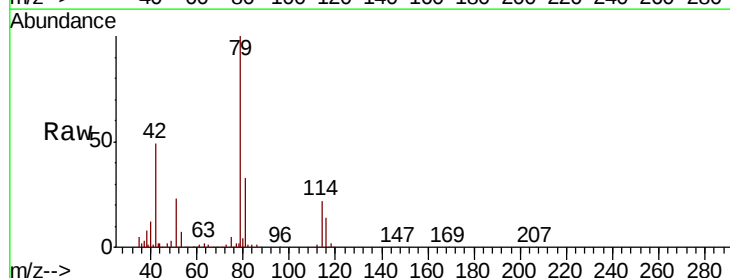
Acq: 20 Sep 2018 12:13

Tgt Ion: 75 Resp: 4601

Ion Ratio Lower Upper

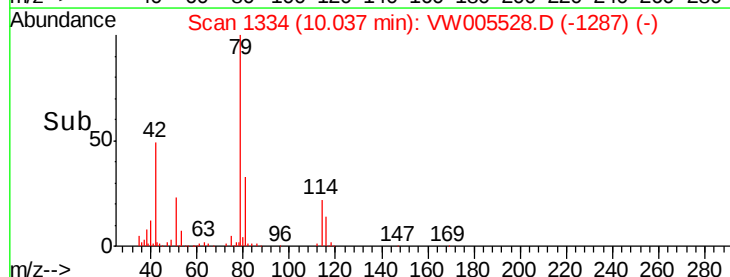
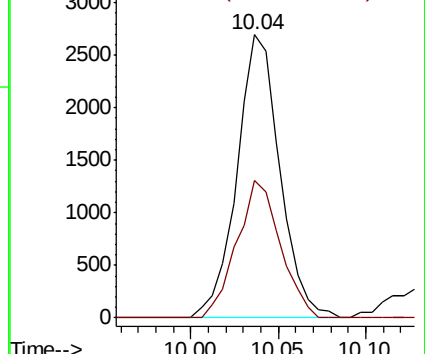
75 100

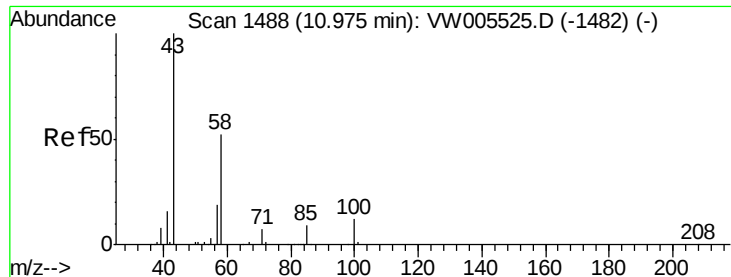
77 48.6 21.1 39.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 2.622 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW005528.D

Acq: 20 Sep 2018 12:13

Instrument :

MSVOA_W

ClientSampleId :

E5FD5

Tgt Ion: 43 Resp: 8168

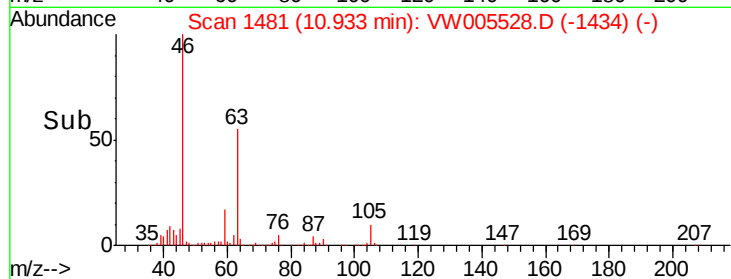
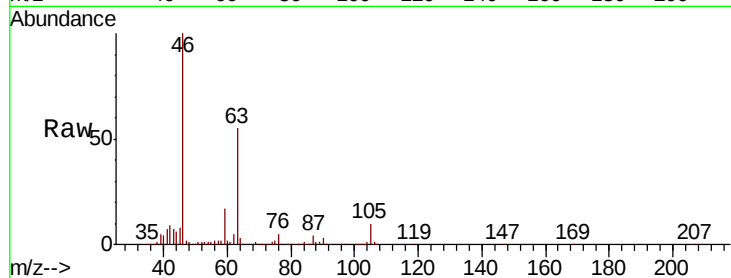
Ion Ratio Lower Upper

43 100

58 27.5 40.1 60.1#

57 30.0 14.1 21.1#

100 1.4 7.9 11.9#



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

