

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102818\
 Data File : VW006417.D
 Acq On : 26 Oct 2018 20:13
 Operator : SY/AP
 Sample : J5635-28MS
 Misc : 4.67G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40H7MS

Quant Time: Oct 26 23:50:16 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	358682	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	322813	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	155566	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	67174	16.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.44%
7) Chloroethane-d5	2.90	69	70861	20.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.40%
10) 1,1-Dichloroethene-d2	4.01	63	159283	20.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.00%
20) 2-Butanone-d5	7.09	46	38676	28.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.68%
24) Chloroform-d	7.65	84	171862	22.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.48%
26) 1,2-Dichloroethane-d4	8.31	65	93941	21.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.40%
29) Benzene-d6	8.27	84	336914	22.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.96%
33) 1,2-Dichloropropane-d6	9.28	67	100410	22.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.80%
37) Toluene-d8	10.33	98	323316	22.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.24%
38) trans-1,3-Dichloropropene-	10.58	79	37089	17.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.00%
39) 2-Hexanone-d5	10.93	63	31628	29.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	87793	20.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	122907	23.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.20%

Target Compounds

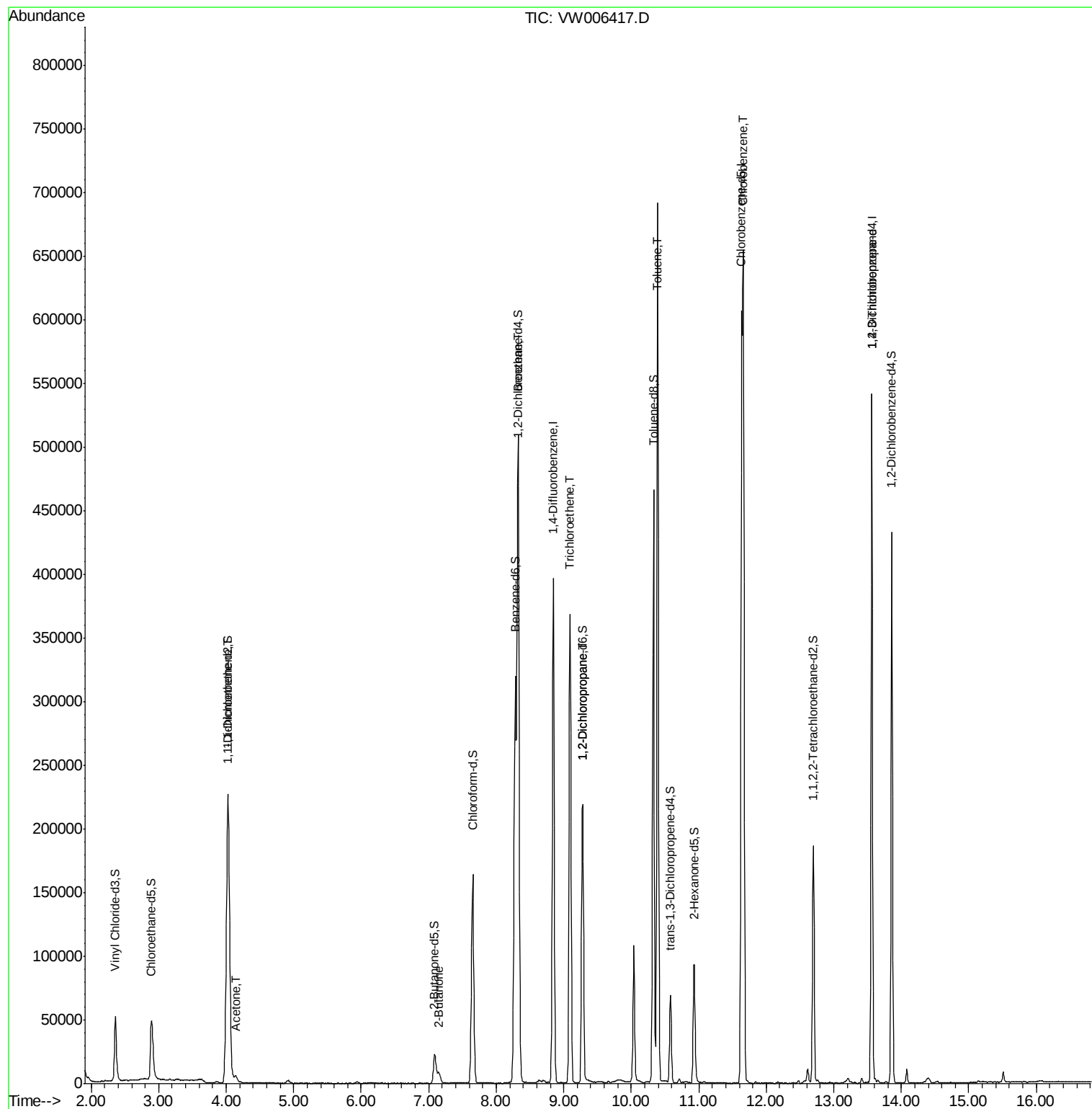
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.03	96	103760	25.196	ug/L	83
13) Acetone	4.14	43	7045	5.201	ug/L	97
21) 2-Butanone	7.15	43	2375	1.320	ug/L #	47
34) Benzene	8.32	78	455747	27.501	ug/L	100
35) Trichloroethene	9.09	95	126106	27.046	ug/L	100
40) 1,2-Dichloropropane	9.27	63	11588	2.819	ug/L #	87
44) Toluene	10.39	91	515242	27.690	ug/L	99
52) Chlorobenzene	11.66	112	342735	27.218	ug/L	99
59) 1,2,3-Trichloropropane	13.56	75	15753	4.746	ug/L	91

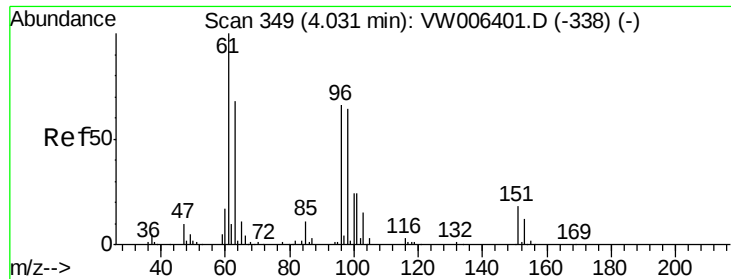
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Oct 26 23:43:44 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 25.196 ug/L

RT: 4.03 min Scan# 349

Delta R.T. 0.00 min

Lab File: VW006417.D

Acq: 26 Oct 2018 20:13

Instrument :

MSVOA_W

ClientSampleId :

A40H7MS

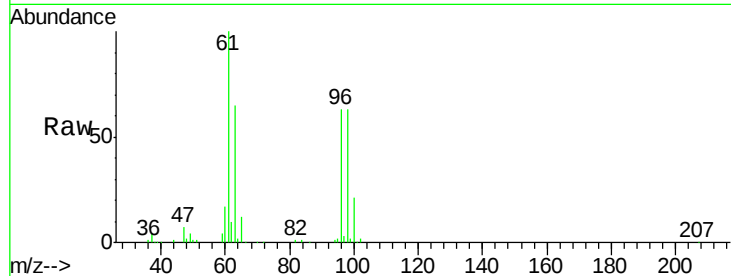
Tgt Ion: 96 Resp: 103760

Ion Ratio Lower Upper

96 100

61 159.2 112.3 208.7

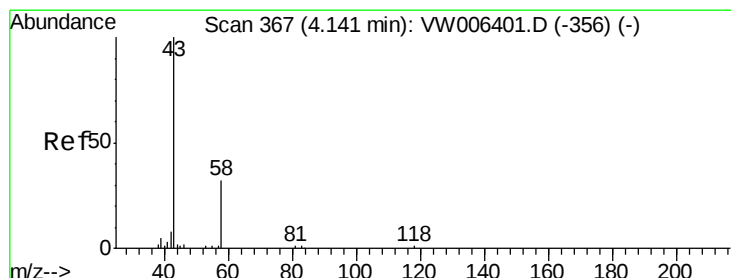
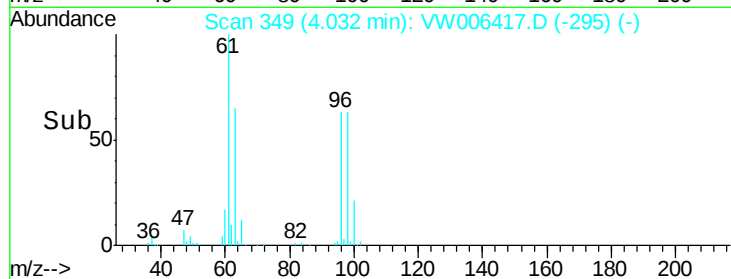
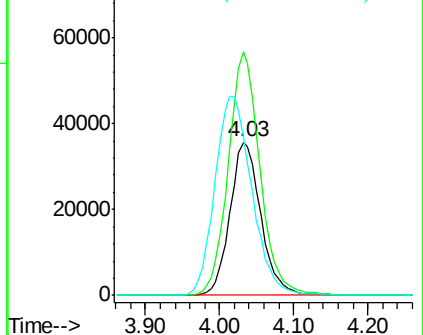
63 103.4 102.6 190.6



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: 5.201 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW006417.D

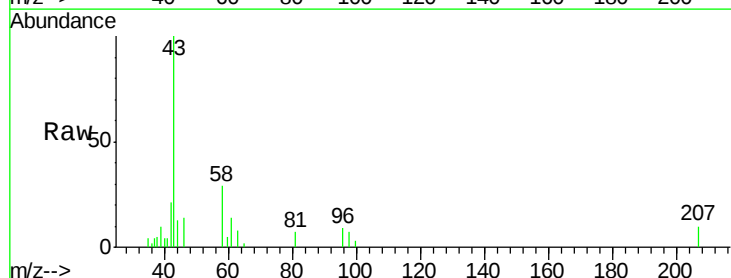
Acq: 26 Oct 2018 20:13

Tgt Ion: 43 Resp: 7045

Ion Ratio Lower Upper

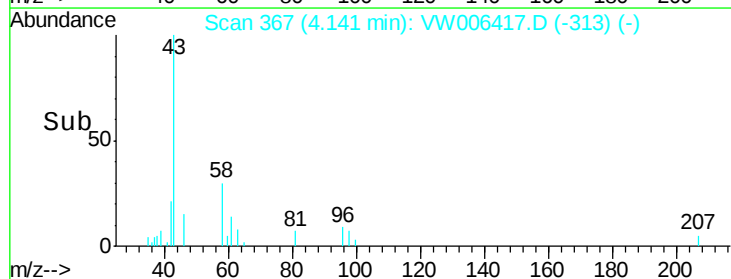
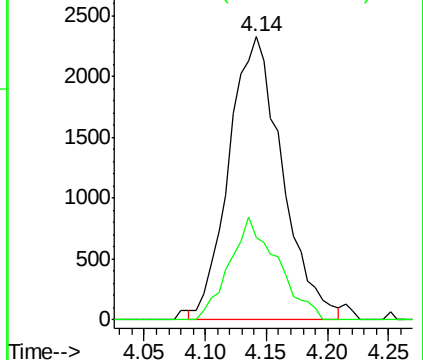
43 100

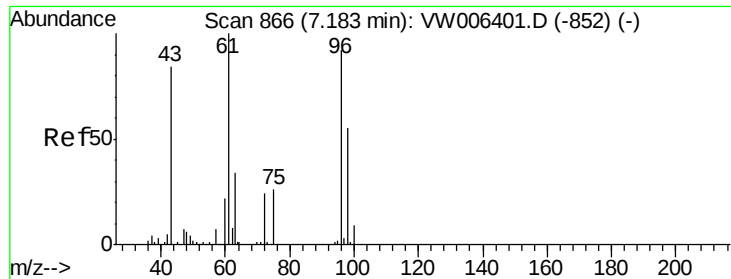
58 32.4 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#21

2-Butanone

Concen: 1.320 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

Lab File: VW006417.D

Acq: 26 Oct 2018 20:13

Instrument :

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ClientSampleId :

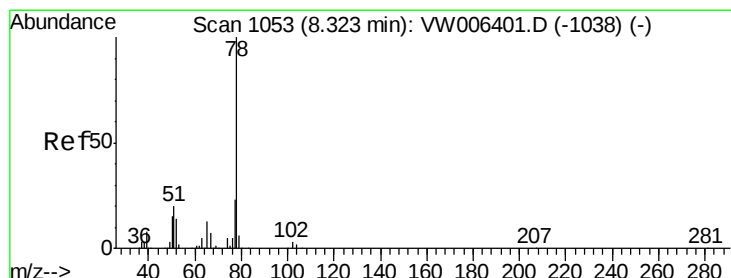
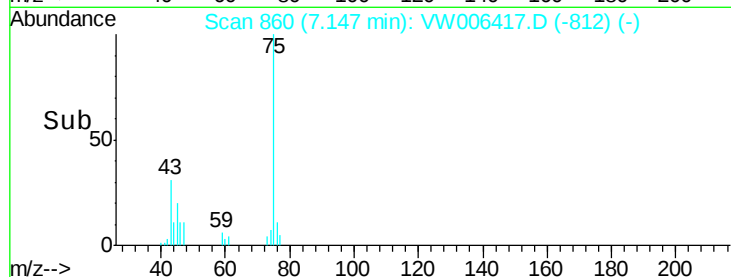
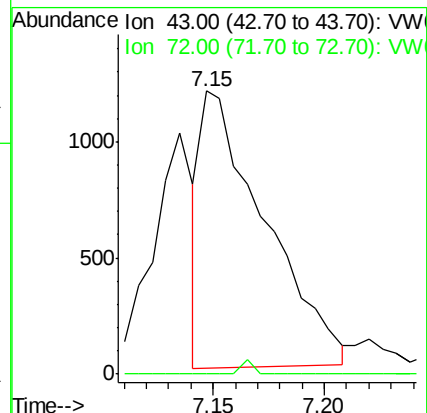
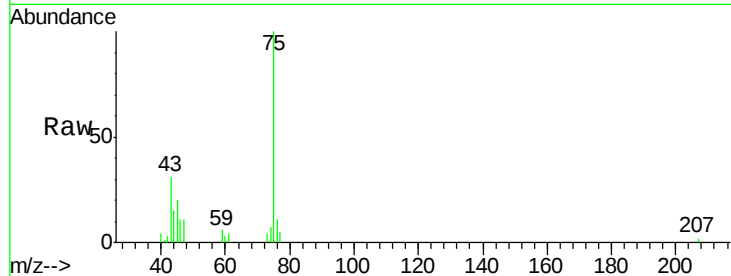
A40H7MS

Tgt Ion: 43 Resp: 2375

Ion Ratio Lower Upper

43 100

72 0.0 13.8 41.4#



#34

Benzene

Concen: 27.501 ug/L

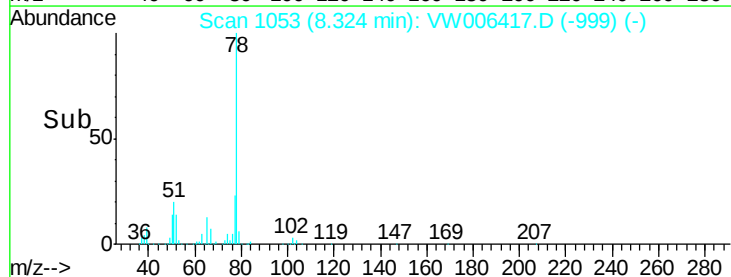
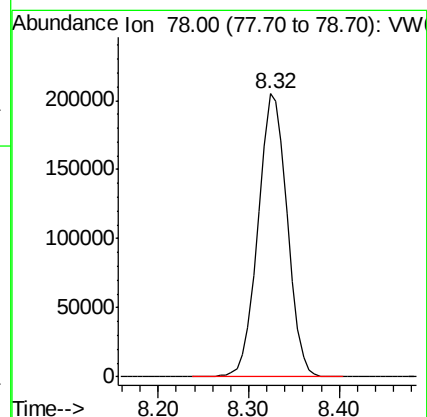
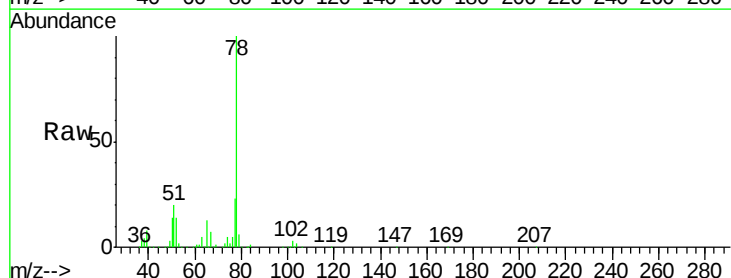
RT: 8.32 min Scan# 1053

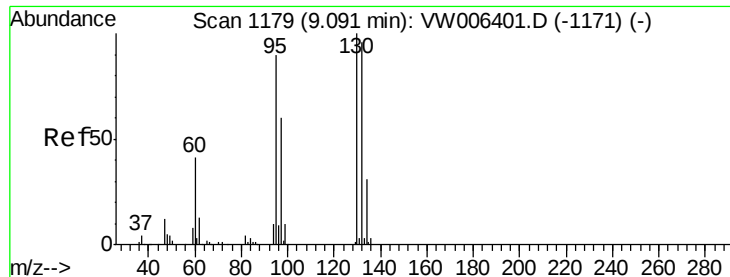
Delta R.T. 0.00 min

Lab File: VW006417.D

Acq: 26 Oct 2018 20:13

Tgt Ion: 78 Resp: 455747





#35

Trichloroethene

Concen: 27.046 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW006417.D

Acq: 26 Oct 2018 20:13

Instrument :

MSVOA_W

ClientSampleId :

A40H7MS

Tgt Ion: 95 Resp: 126106

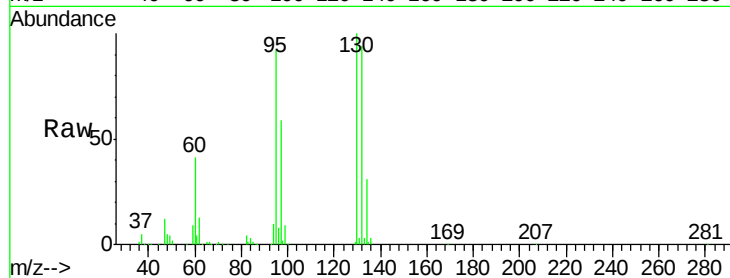
Ion Ratio Lower Upper

95 100

97 64.6 45.8 85.0

132 104.3 72.9 135.3

130 108.2 75.8 140.8

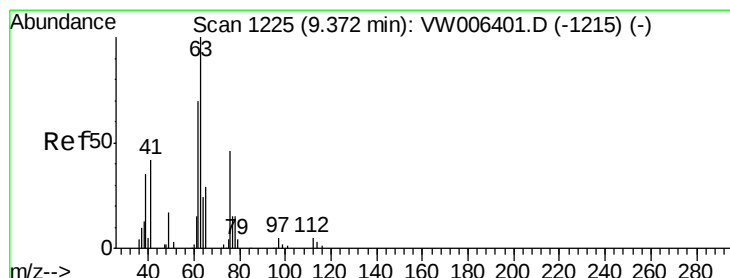
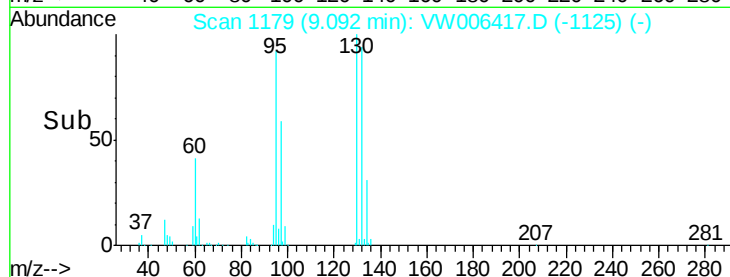
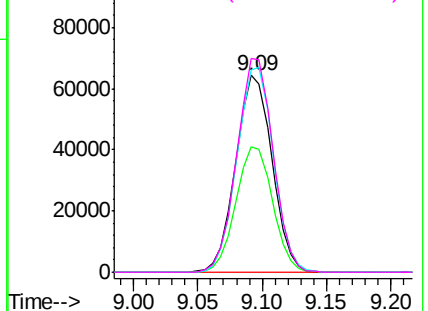


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#40

1,2-Dichloropropane

Concen: 2.819 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW006417.D

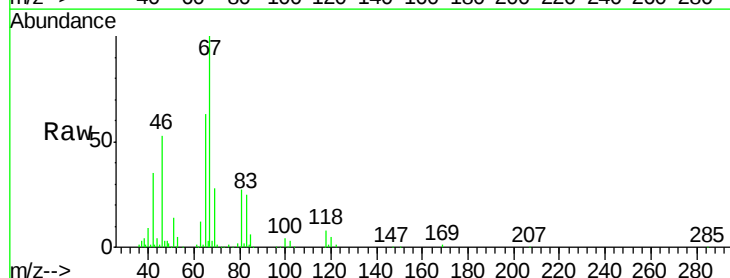
Acq: 26 Oct 2018 20:13

Tgt Ion: 63 Resp: 11588

Ion Ratio Lower Upper

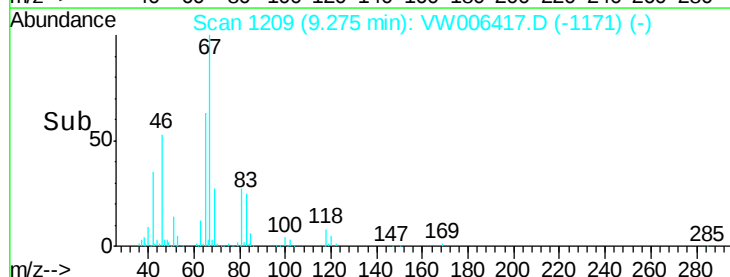
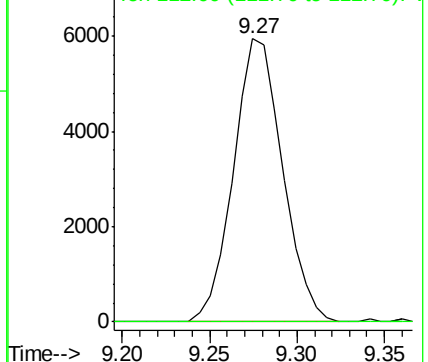
63 100

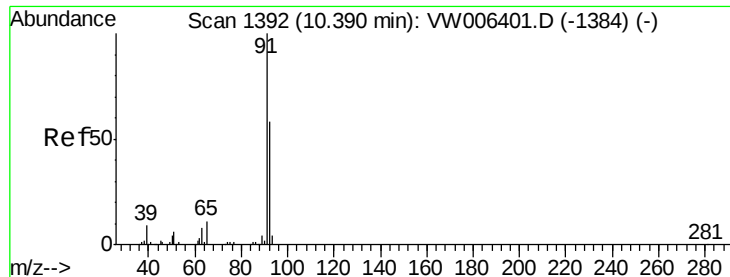
112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#44

Toluene

Concen: 27.690 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006417.D

Acq: 26 Oct 2018 20:13

Instrument :

MSVOA_W

ClientSampleId :

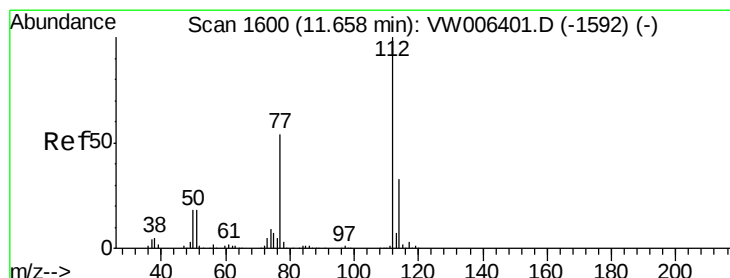
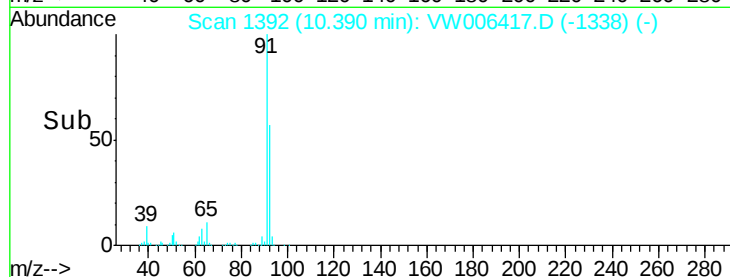
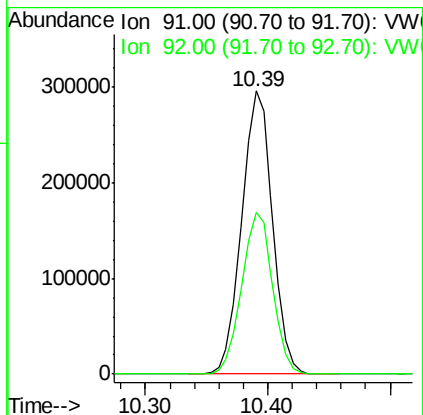
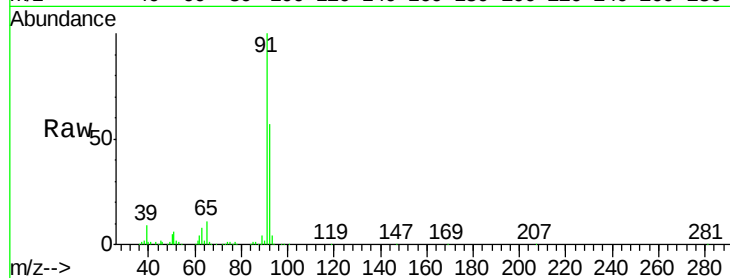
A40H7MS

Tgt Ion: 91 Resp: 515242

Ion Ratio Lower Upper

91 100

92 57.1 40.4 75.0



#52

Chlorobenzene

Concen: 27.218 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW006417.D

Acq: 26 Oct 2018 20:13

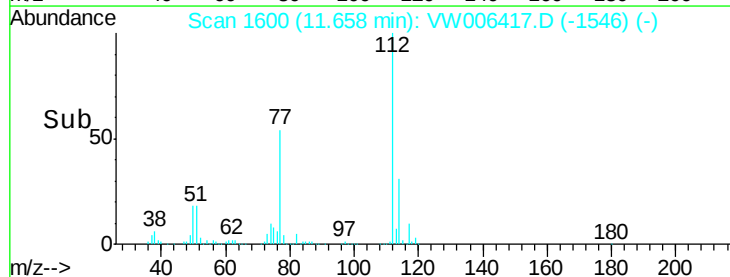
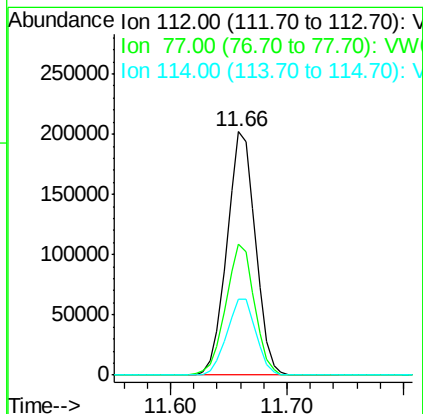
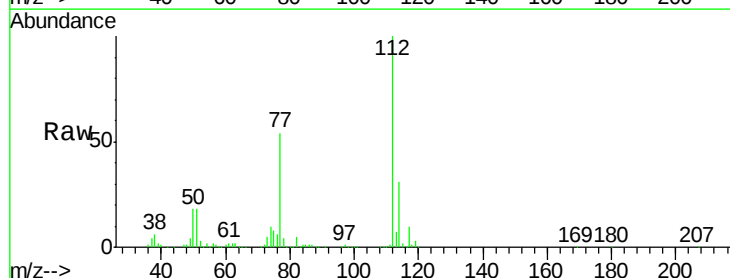
Tgt Ion: 112 Resp: 342735

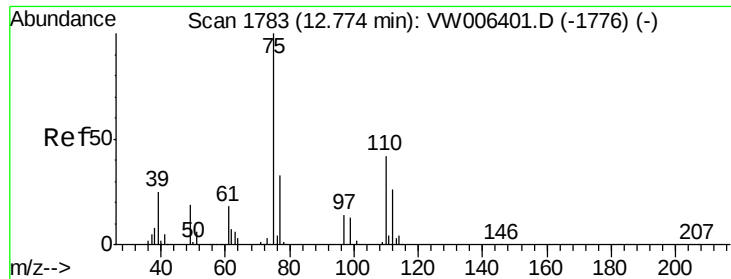
Ion Ratio Lower Upper

112 100

77 54.0 44.2 66.2

114 31.4 22.1 41.1





#59

1,2,3-Trichloropropane

Concen: 4.746 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW006417.D

Acq: 26 Oct 2018 20:13

Instrument :

MSVOA_W

ClientSampleId :

A40H7MS

Tgt Ion: 75 Resp: 15753

Ion Ratio Lower Upper

75 100

77 37.3 25.9 38.9

