

Data File : VW011436.D
Acq On : 23 Jul 2019 10:59
Operator : SY/VA
Sample : K3922-02MS
Misc : 4.88G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52F0MS

Quant Time: Jul 24 01:22:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 24 01:19:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	426485	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	319857	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	96968	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	148514	26.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.36%
7) Chloroethane-d5	2.89	69	112917	27.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.88%
10) 1,1-Dichloroethene-d2	4.02	63	320872	24.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.52%
20) 2-Butanone-d5	7.07	46	119190	49.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.32%
24) Chloroform-d	7.65	84	274960	25.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.72%
26) 1,2-Dichloroethane-d4	8.31	65	171446	26.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.60%
29) Benzene-d6	8.27	84	576632	30.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.56%
33) 1,2-Dichloropropane-d6	9.27	67	188738	30.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.80%#
37) Toluene-d8	10.32	98	464981	27.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.48%
38) trans-1,3-Dichloropropene-	10.58	79	75798	28.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.24%
39) 2-Hexanone-d5	10.92	63	85396	63.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124241	25.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	86362	23.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.88%

Target Compounds

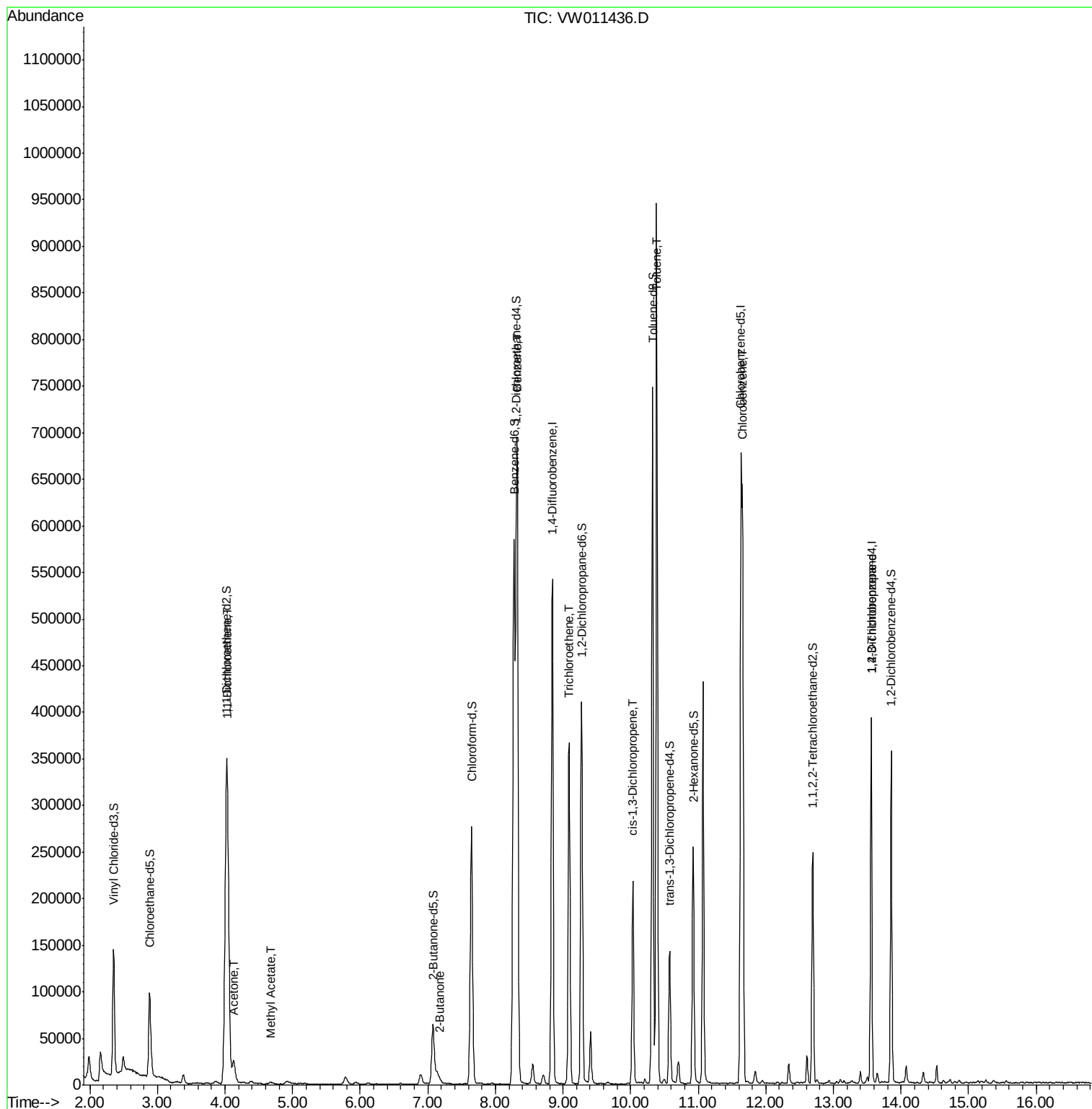
						Qvalue
12) 1,1-Dichloroethene	4.04	96	119945	21.174	ug/L	82
13) Acetone	4.12	43	38576	15.039	ug/L	99
15) Methyl Acetate	4.68	43	4483	1.138	ug/L	94
21) 2-Butanone	7.18	43	7599	2.305	ug/L	97
34) Benzene	8.32	78	551464	26.560	ug/L	100
35) Trichloroethene	9.09	95	128230	24.299	ug/L	98
42) cis-1,3-Dichloropropene	10.04	75	4901	0.585	ug/L #	69
44) Toluene	10.39	91	668445	31.387	ug/L	100
52) Chlorobenzene	11.66	112	281403	21.910	ug/L	99
59) 1,2,3-Trichloropropane	13.55	75	13071	3.527	ug/L	94

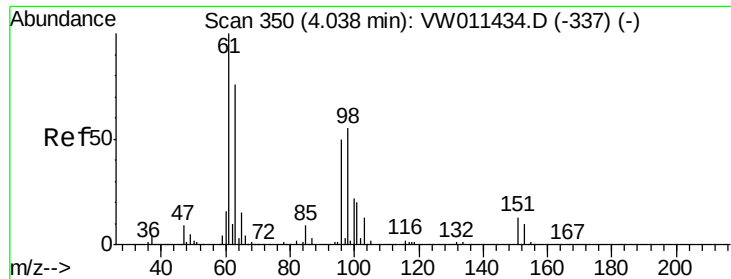
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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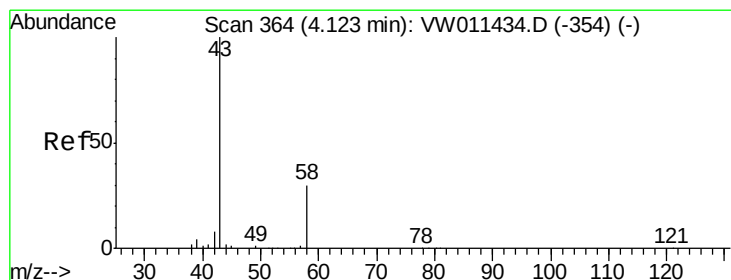
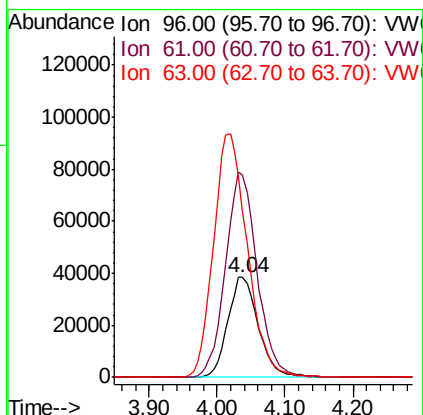
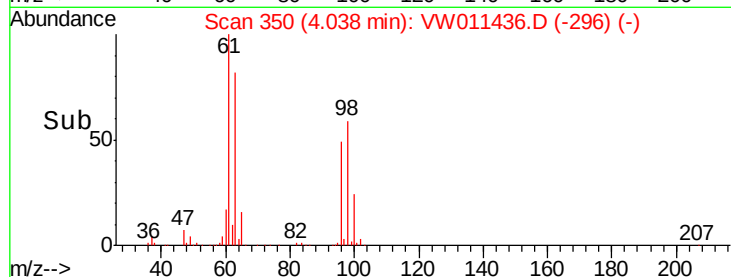
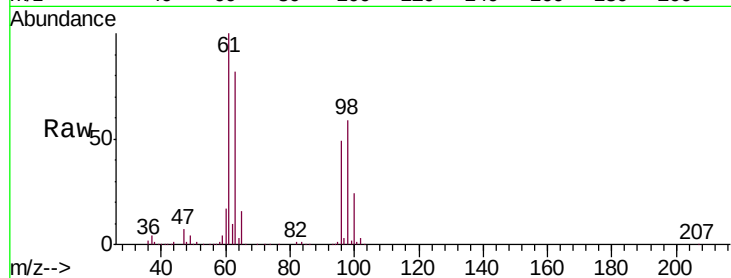




#12
 1,1-Dichloroethene
 Concen: 21.174 ug/L
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW011436.D
 Acq: 23 Jul 2019 10:59

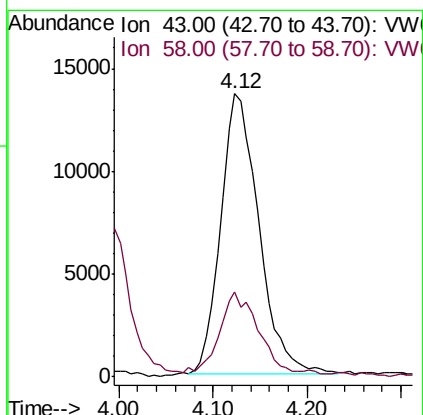
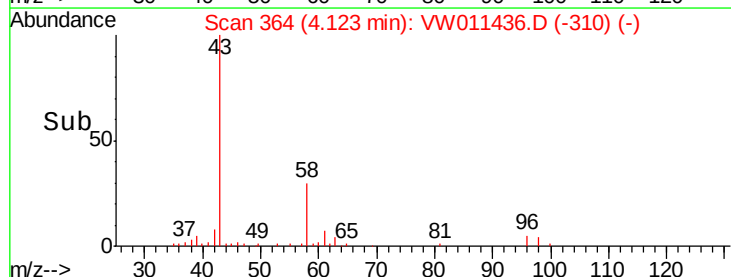
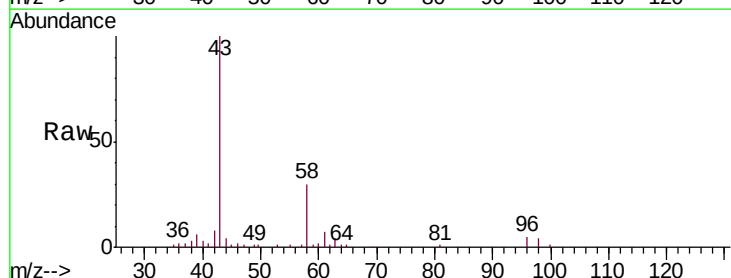
Instrument :
 MSVOA_W
 ClientSampleId :
 A52F0MS

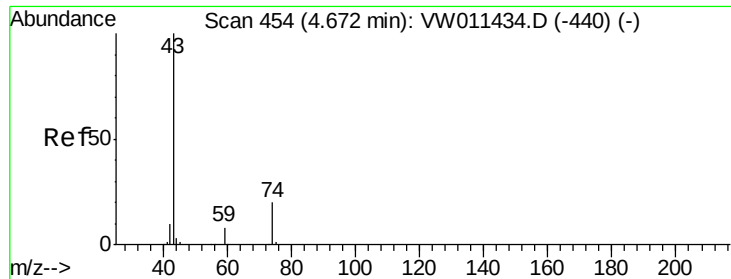
Tgt Ion	Ratio	Lower	Upper
96	100		
61	202.3	133.2	247.4
63	165.9	89.9	166.9



#13
 Acetone
 Concen: 15.039 ug/L
 RT: 4.12 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: VW011436.D
 Acq: 23 Jul 2019 10:59

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.8	0.0	57.2

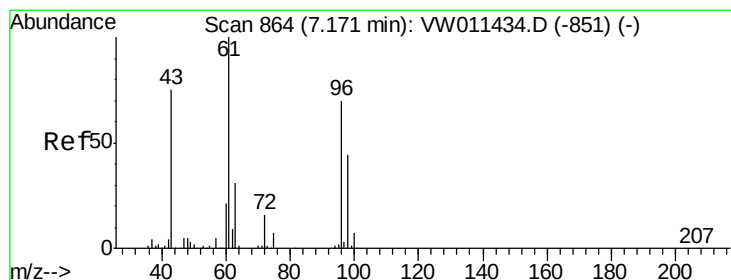
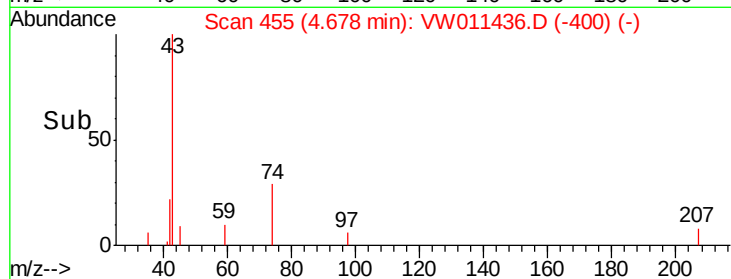
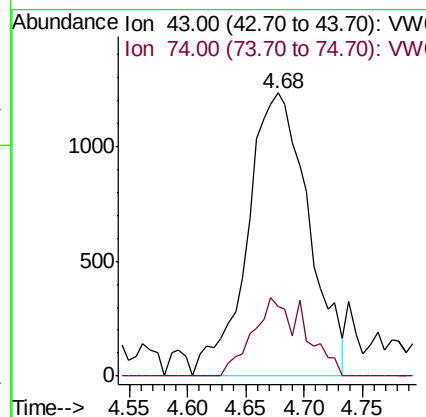
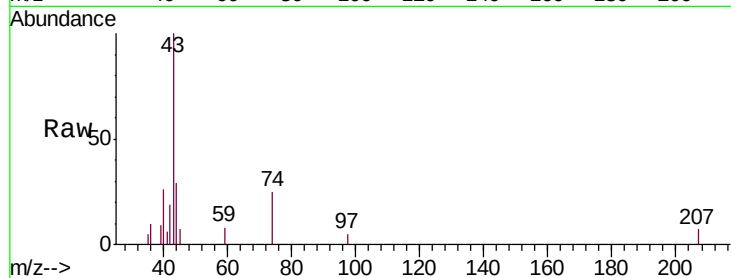




#15
Methyl Acetate
Concen: 1.138 ug/L
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW011436.D
Acq: 23 Jul 2019 10:59

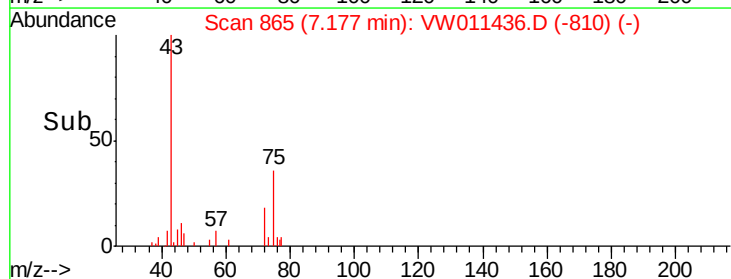
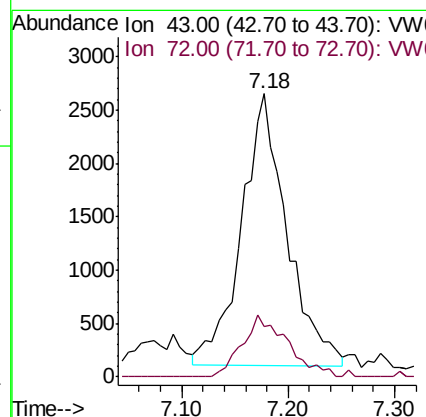
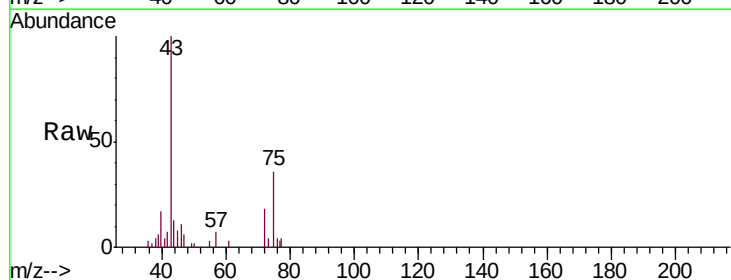
Instrument :
MSVOA_W
ClientSampled :
A52F0MS

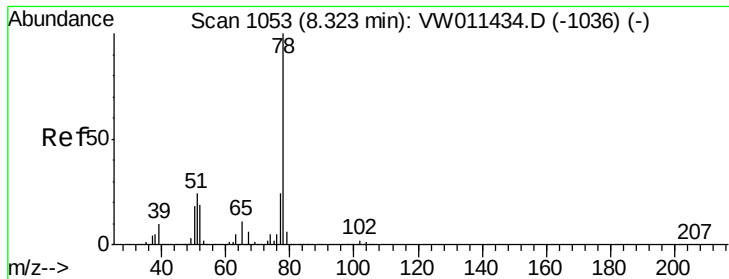
Tgt Ion: 43 Resp: 4483
Ion Ratio Lower Upper
43 100
74 16.3 15.2 22.8



#21
2-Butanone
Concen: 2.305 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW011436.D
Acq: 23 Jul 2019 10:59

Tgt Ion: 43 Resp: 7599
Ion Ratio Lower Upper
43 100
72 22.6 10.5 31.6





#34

Benzene

Concen: 26.560 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW011436.D

Acq: 23 Jul 2019 10:59

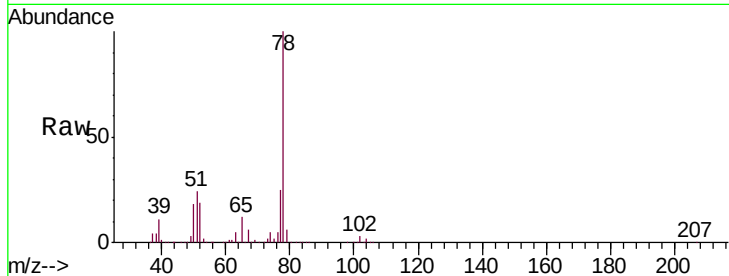
Instrument :

MSVOA_W

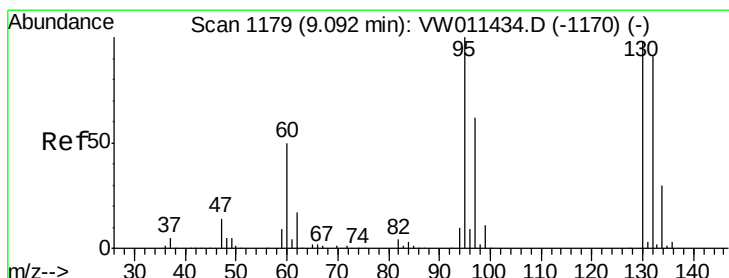
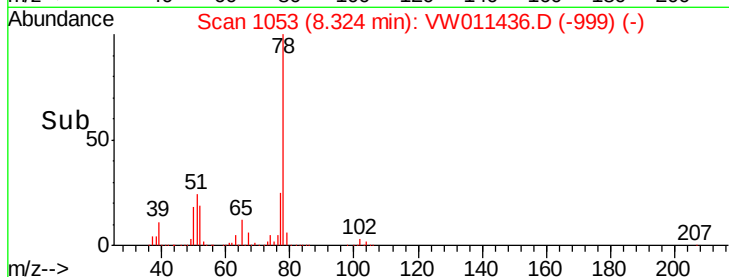
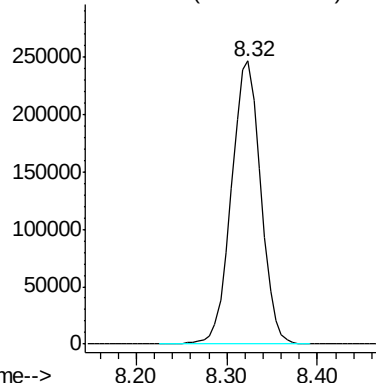
ClientSampleId :

A52F0MS

Tgt Ion: 78 Resp: 551464



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 24.299 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW011436.D

Acq: 23 Jul 2019 10:59

Tgt Ion: 95 Resp: 128230

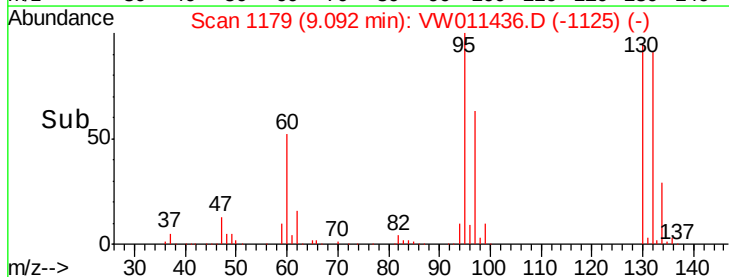
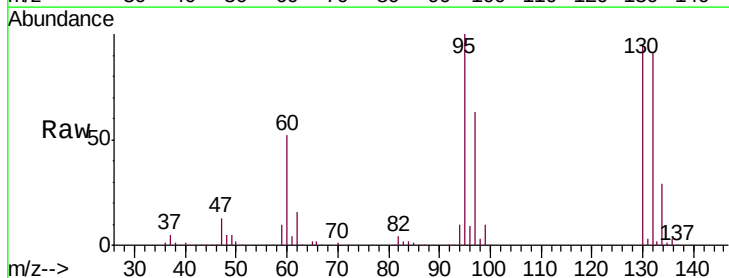
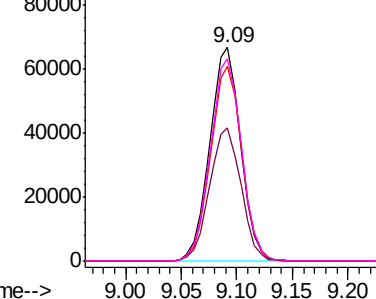
Ion	Ratio	Lower	Upper
95	100		
97	63.5	44.6	82.8
132	92.3	66.0	122.6
130	95.9	68.4	127.0

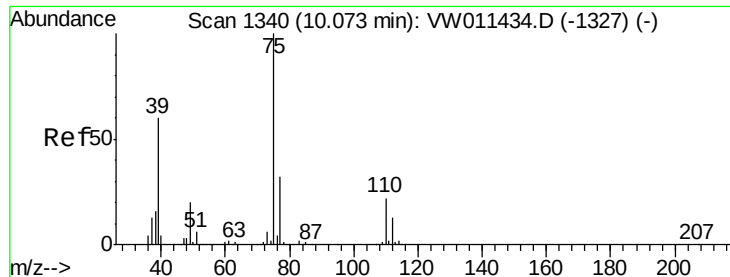
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#42

cis-1,3-Dichloropropene

Concen: 0.585 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW011436.D

Acq: 23 Jul 2019 10:59

Instrument :

MSVOA_W

ClientSampleId :

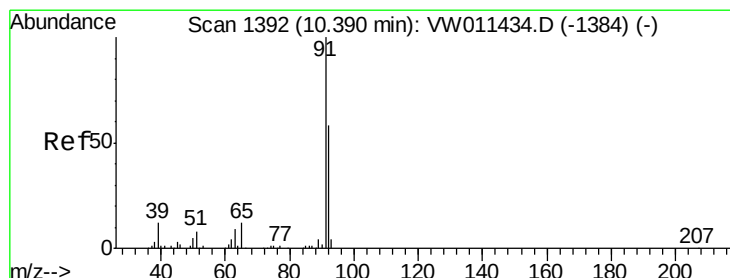
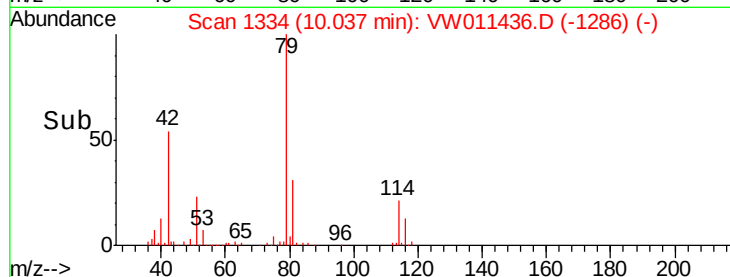
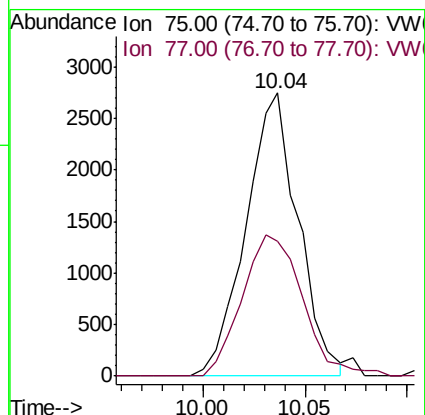
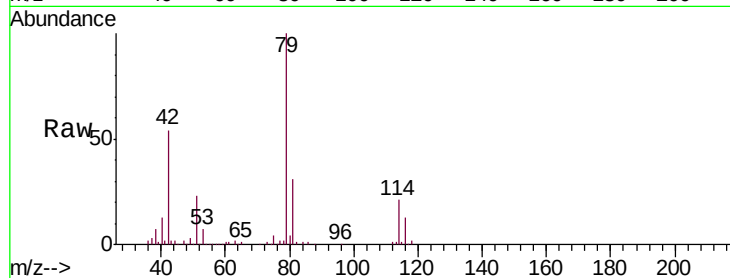
A52F0MS

Tgt Ion: 75 Resp: 4901

Ion Ratio Lower Upper

75 100

77 47.7 21.6 40.2#



#44

Toluene

Concen: 31.387 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW011436.D

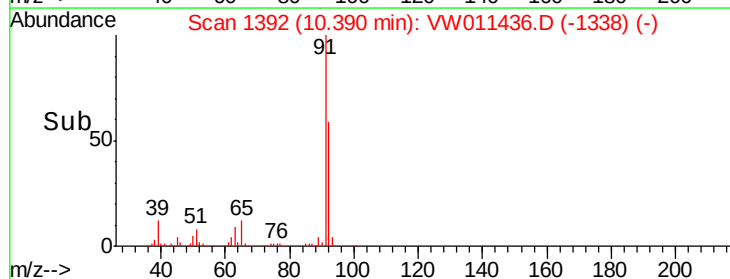
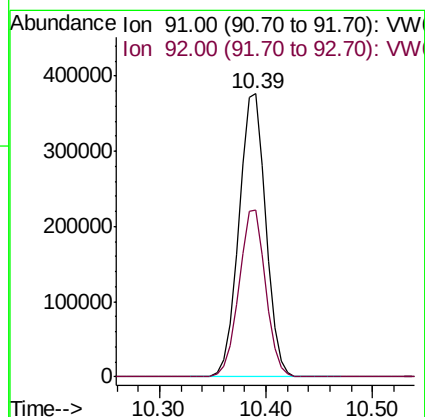
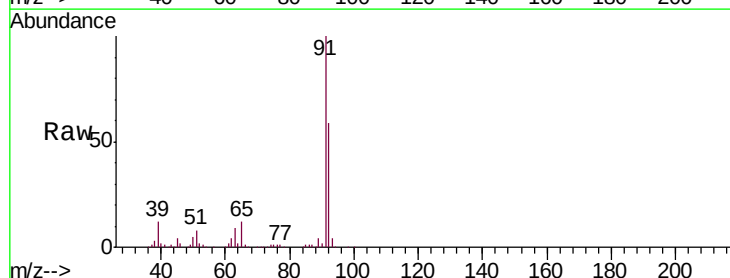
Acq: 23 Jul 2019 10:59

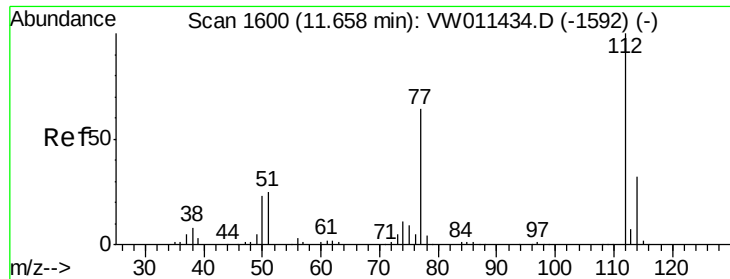
Tgt Ion: 91 Resp: 668445

Ion Ratio Lower Upper

91 100

92 58.8 41.2 76.4





#52

Chlorobenzene

Concen: 21.910 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW011436.D

Acq: 23 Jul 2019 10:59

Instrument :

MSVOA_W

ClientSampleId :

A52F0MS

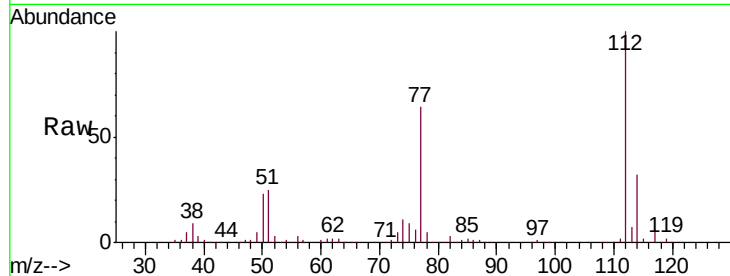
Tgt Ion: 112 Resp: 281403

Ion Ratio Lower Upper

112 100

77 64.0 52.2 78.2

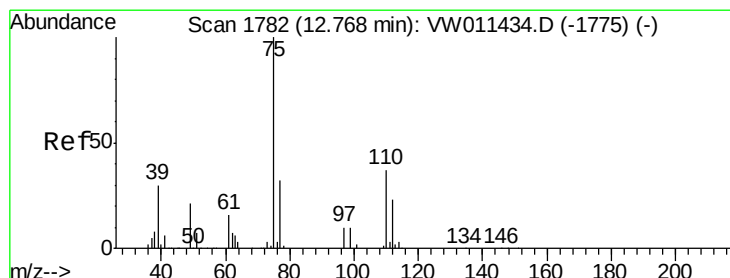
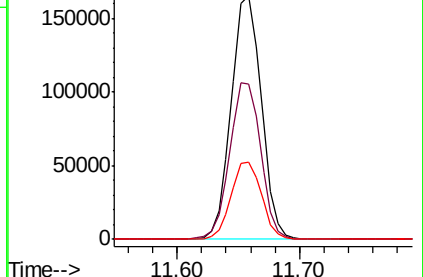
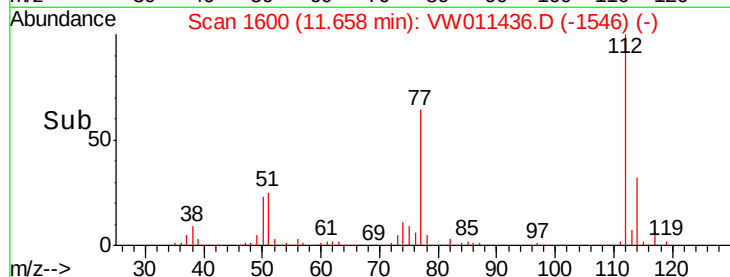
114 32.0 22.0 41.0



Abundance Ion 112.00 (111.70 to 112.70): VW

Ion 77.00 (76.70 to 77.70): VW

Ion 114.00 (113.70 to 114.70): VW



#59

1,2,3-Trichloropropane

Concen: 3.527 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW011436.D

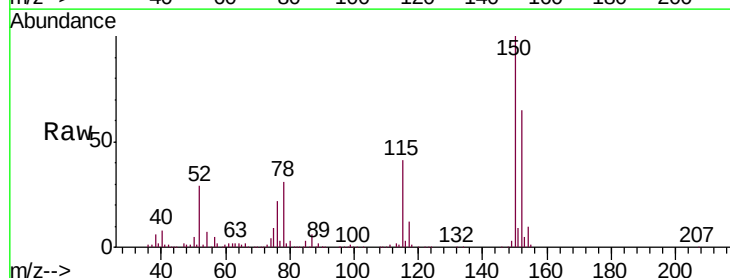
Acq: 23 Jul 2019 10:59

Tgt Ion: 75 Resp: 13071

Ion Ratio Lower Upper

75 100

77 35.9 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

