

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072319\
 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 01:30:45 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

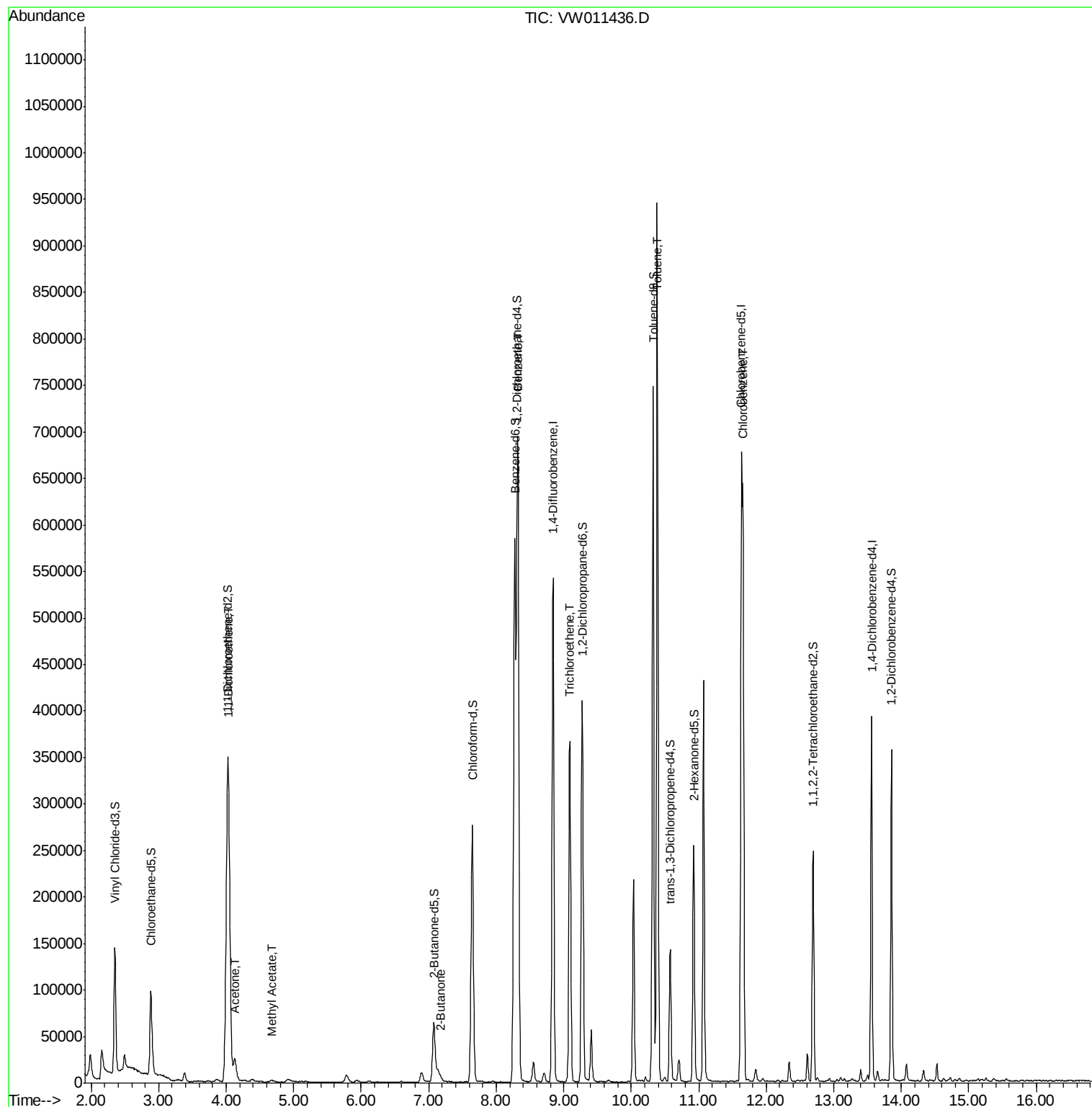
					Ovalue
12) 1,1-Dichloroethene	4.04	96	119945	21.174	ug/L 82
13) Acetone	4.12	43	38576	15.039	ug/L 99
15) Methyl Acetate	4.68	43	4483	1.138	ug/L 94
21) 2-Butanone	7.18	43	7599	2.305	ug/L 97
34) Benzene	8.32	78	551464	26.560	ug/L 100
35) Trichloroethene	9.09	95	128230	24.299	ug/L 98
44) Toluene	10.39	91	668445	31.387	ug/L 100
52) Chlorobenzene	11.66	112	281403	21.910	ug/L 99

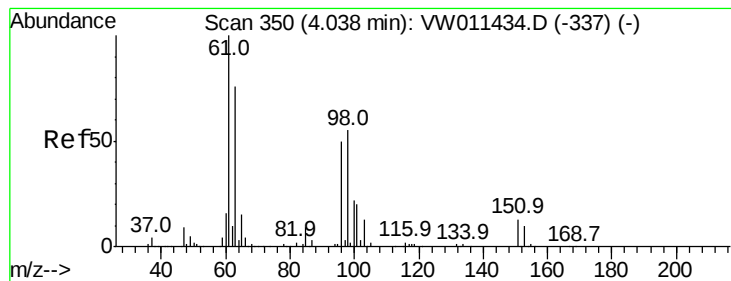
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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A52F0MS

Quant Time: Jul 24 01:30:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 24 01:19:38 2019
Response via : Initial Calibration





#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

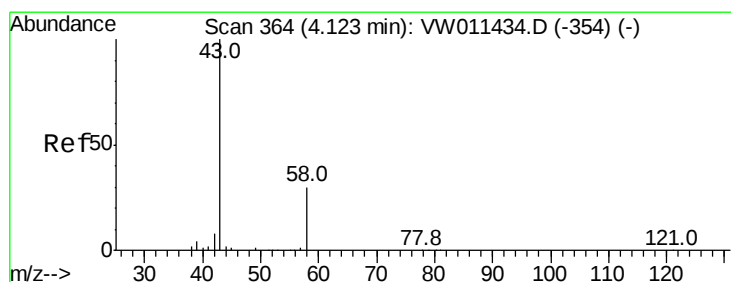
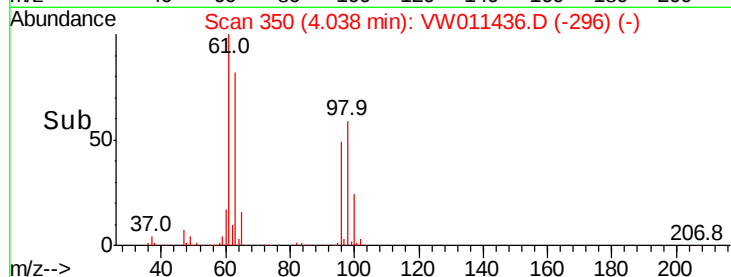
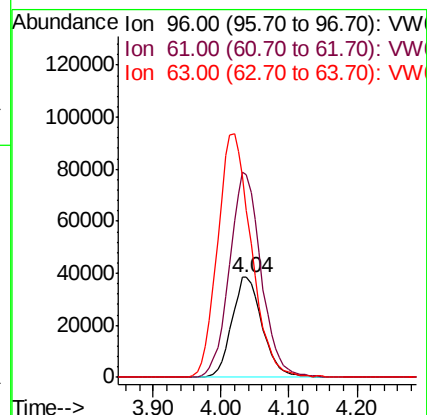
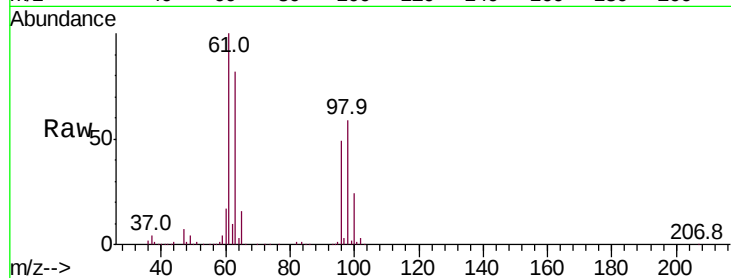
Tot Ion: 96 Resp: 119945

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

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

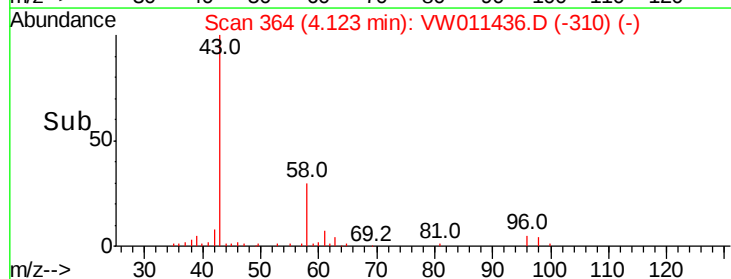
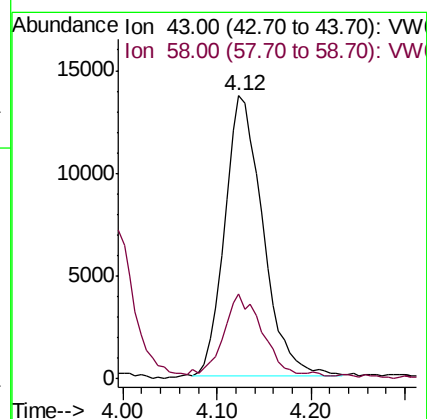
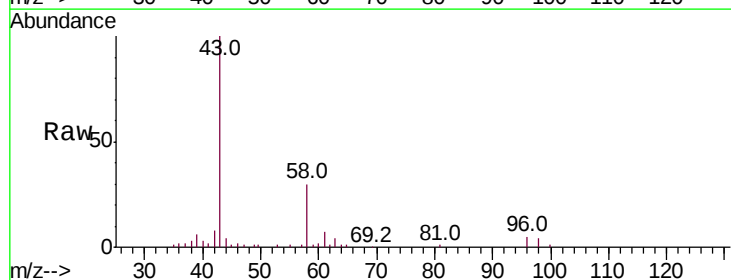
Acq: 23 Jul 2019 10:59

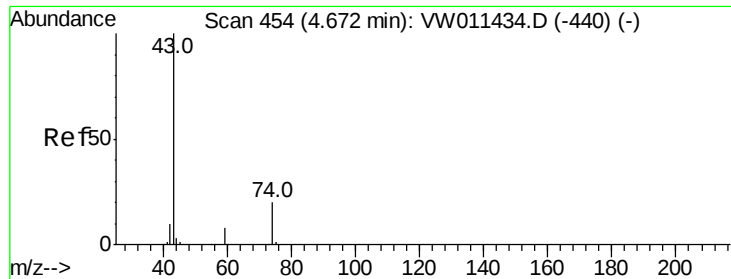
Tgt Ion: 43 Resp: 38576

Ion	Ratio	Lower	Upper
43	100		
58	27.8	0.0	57.2

43 100

58 27.8 0.0 57.2

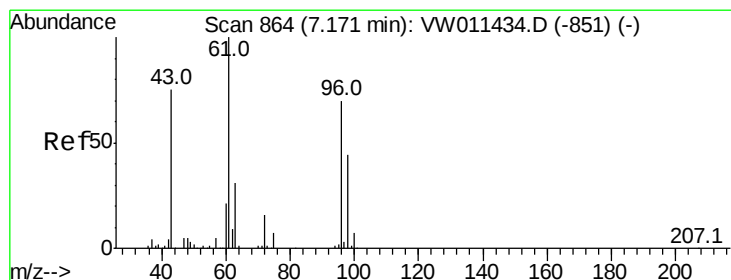
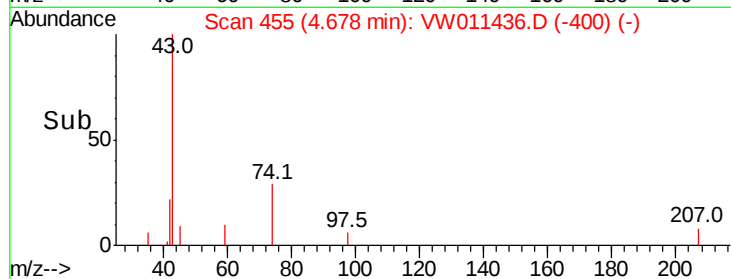
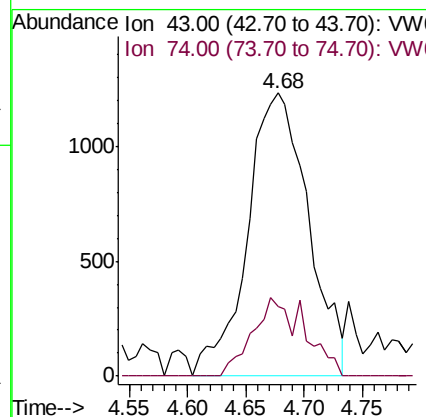
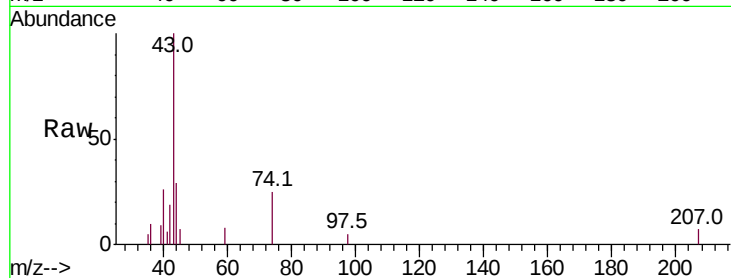




#15
Methvl Acetate
Concen: 1.138 ug/L
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW011436.D
Acq: 23 Jul 2019 10:59

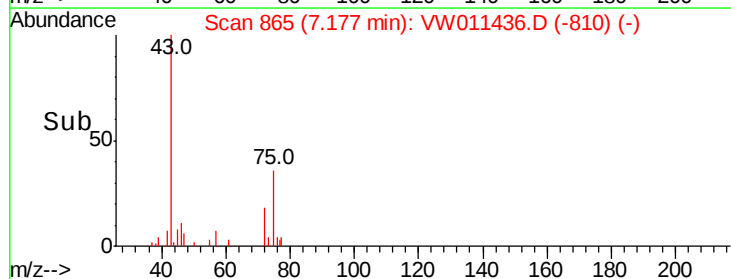
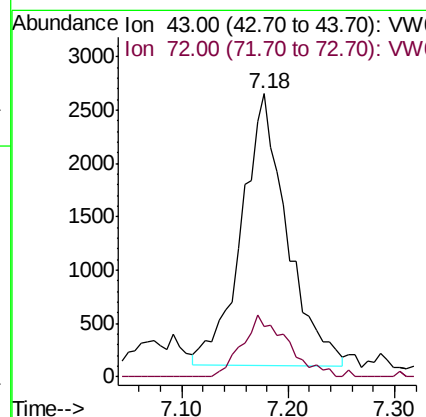
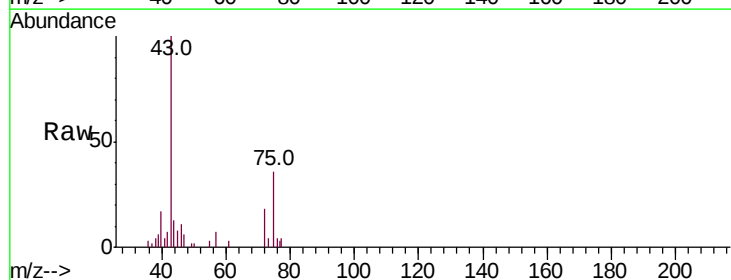
Instrument :
MSVOA_W
ClientSampled :
A52F0MS

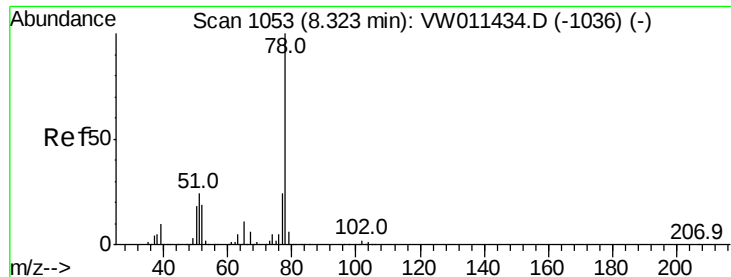
Tot Ion: 43 Resp: 4483
Ion Ratio Lower Upper
43 100
74 16.3 15.2 22.8



#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

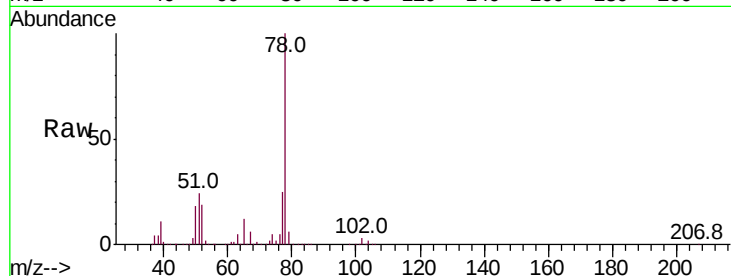
Instrument :

MSVOA_W

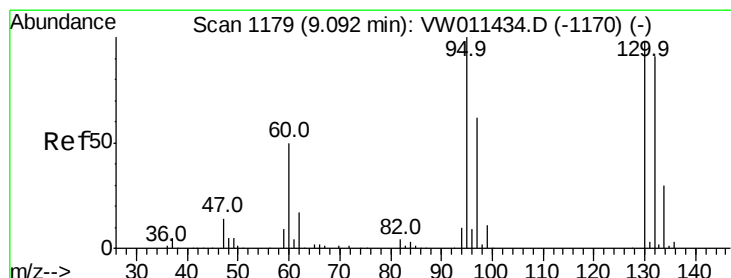
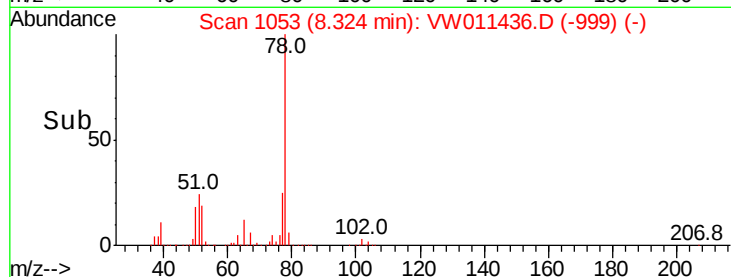
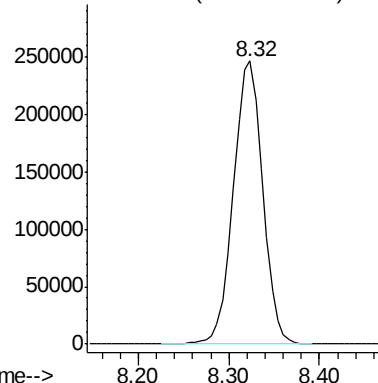
ClientSampleId :

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

95 100

97 63.5 44.6 82.8

132 92.3 66.0 122.6

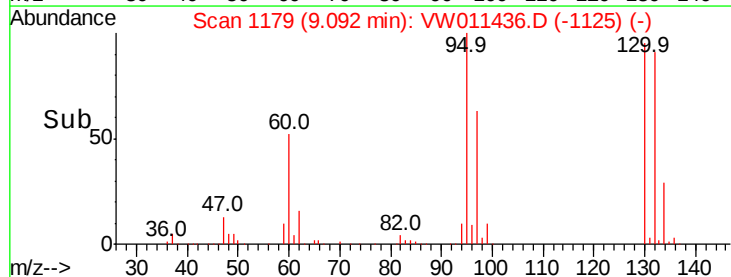
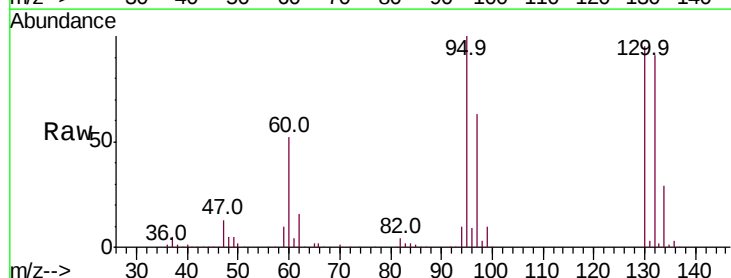
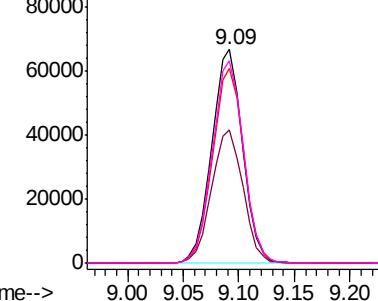
130 95.9 68.4 127.0

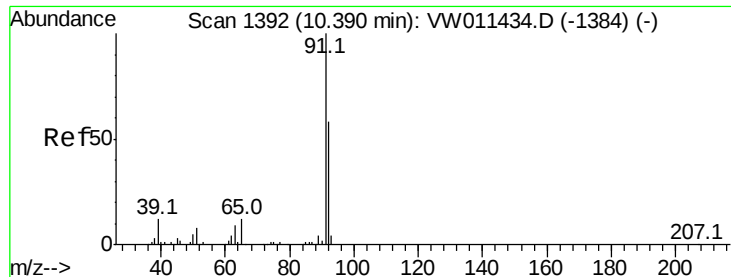
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#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

Instrument :

MSVOA_W

ClientSampleId :

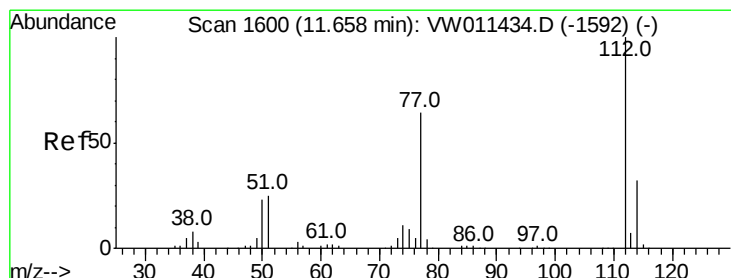
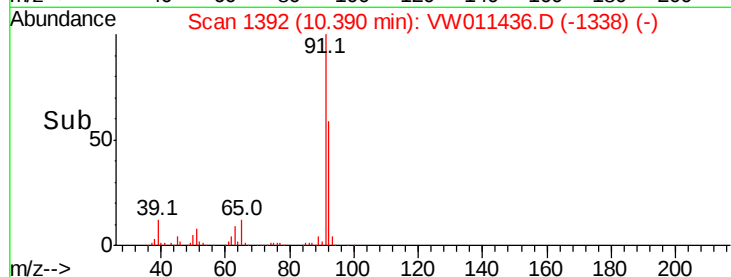
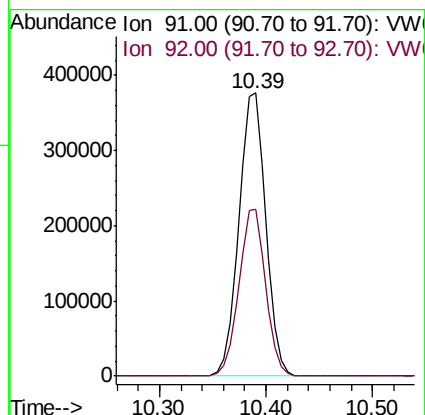
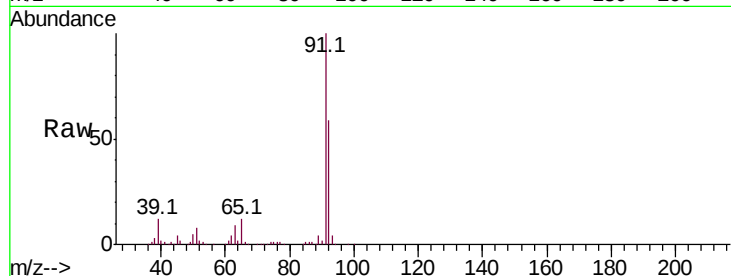
A52F0MS

Tot 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

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

