

Data File : VW011921.D
Acq On : 15 Aug 2019 10:58
Operator : SY/VA
Sample : K4357-02MS
Misc : 5.68G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GANJ6MS

Quant Time: Aug 16 06:56:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 16 06:53:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	352146	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	301379	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	125573	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	78098	15.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.00%
7) Chloroethane-d5	2.89	69	66374	18.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.32%
10) 1,1-Dichloroethene-d2	4.03	63	213203	18.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.04%
20) 2-Butanone-d5	7.08	46	92666	41.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.00%
24) Chloroform-d	7.65	84	200704	20.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.00%
26) 1,2-Dichloroethane-d4	8.30	65	124638	21.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.12%
29) Benzene-d6	8.27	84	391283	20.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.60%
33) 1,2-Dichloropropane-d6	9.27	67	137061	22.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.60%
37) Toluene-d8	10.32	98	334430	19.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.52%
38) trans-1,3-Dichloropropene-	10.58	79	53638	20.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.00%
39) 2-Hexanone-d5	10.93	63	65971	46.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	110055	21.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	100908	20.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.40%

Target Compounds

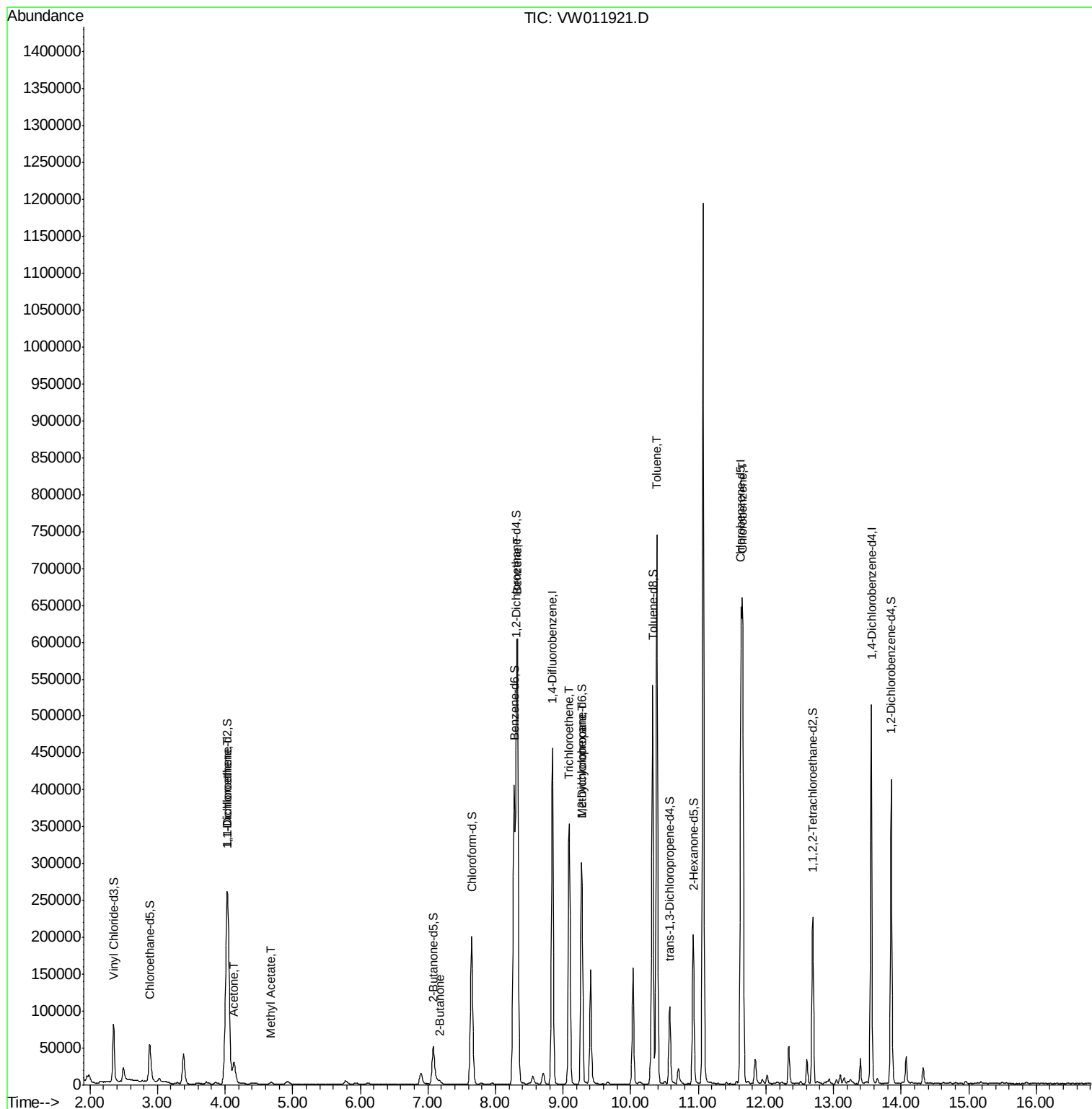
						Qvalue
12) 1,1-Dichloroethene	4.04	96	108198	21.393	ug/L	96
13) Acetone	4.13	43	52218	21.837	ug/L	93
15) Methyl Acetate	4.68	43	5834	1.492	ug/L #	82
21) 2-Butanone	7.18	43	5739	1.914	ug/L	87
34) Benzene	8.32	78	505181	23.920	ug/L	100
35) Trichloroethene	9.09	95	123891	23.107	ug/L	100
36) Methylcyclohexane	9.27	83	30630	3.149	ug/L #	14
44) Toluene	10.39	91	523897	24.416	ug/L	100
52) Chlorobenzene	11.66	112	298356	23.047	ug/L	100

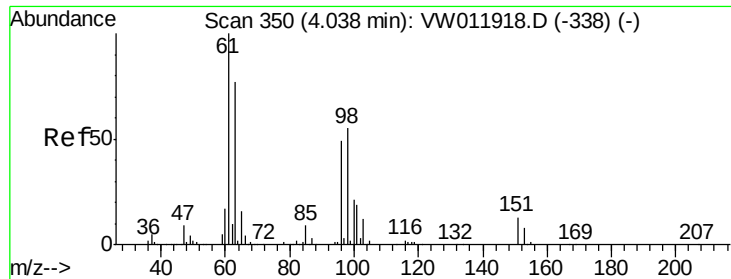
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 21.393 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

Lab File: VW011921.D

Acq: 15 Aug 2019 10:58

Instrument :

MSVOA_W

ClientSampleId :

GANJ6MS

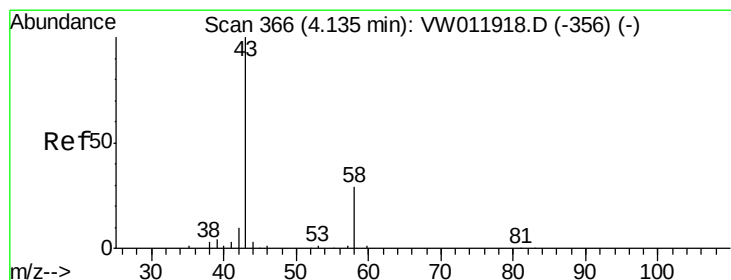
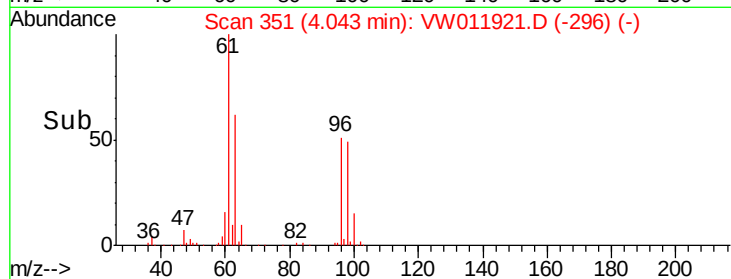
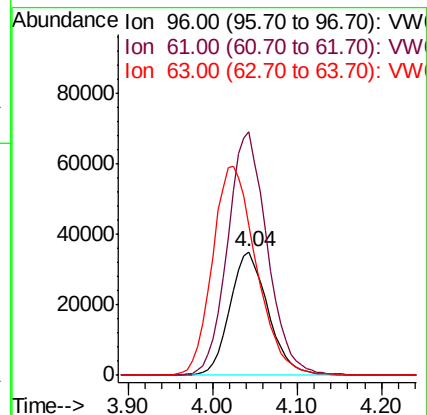
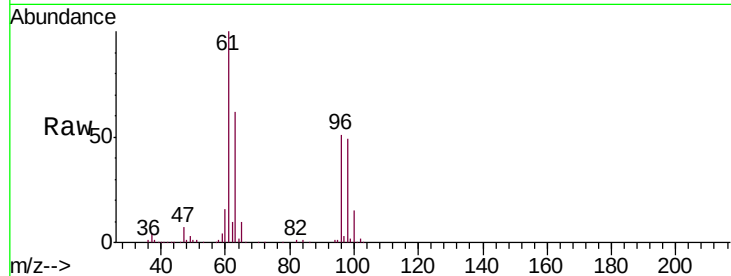
Tgt Ion: 96 Resp: 108198

Ion Ratio Lower Upper

96 100

61 196.9 135.0 250.8

63 121.7 89.2 165.8



#13

Acetone

Concen: 21.837 ug/L

RT: 4.13 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW011921.D

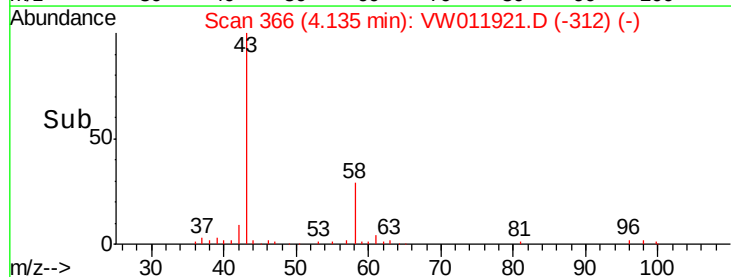
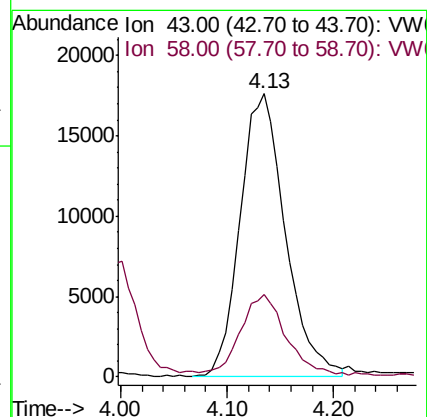
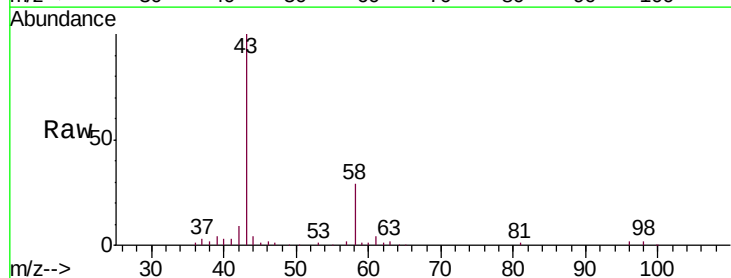
Acq: 15 Aug 2019 10:58

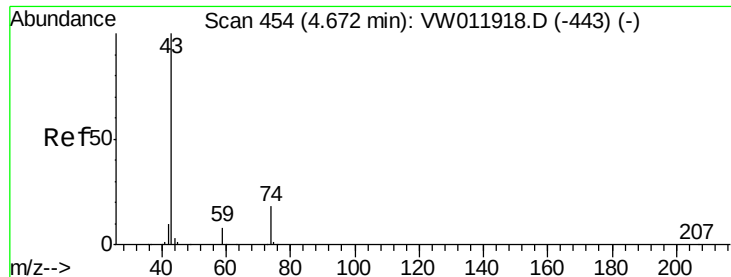
Tgt Ion: 43 Resp: 52218

Ion Ratio Lower Upper

43 100

58 30.4 0.0 53.4

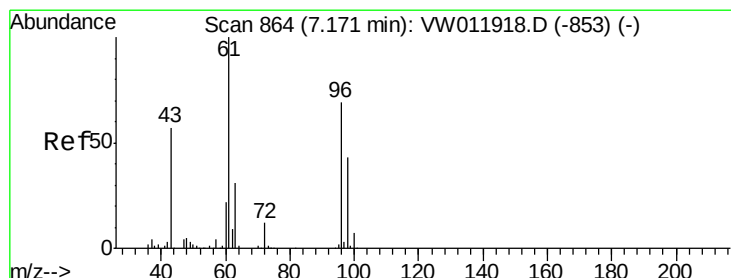
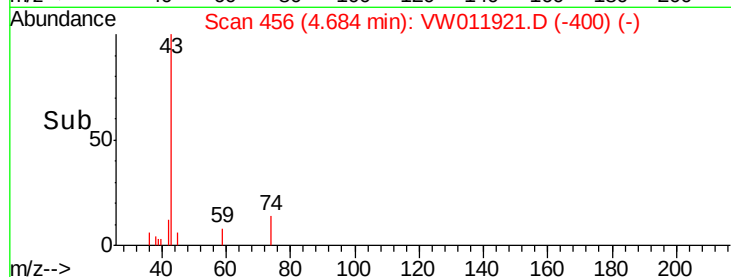
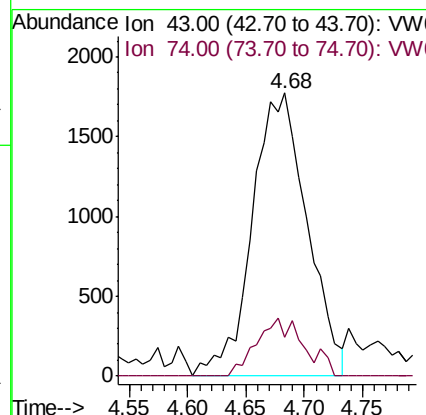
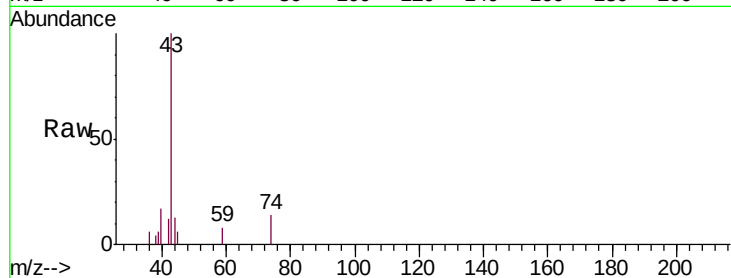




#15
Methyl Acetate
Concen: 1.492 ug/L
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW011921.D
Acq: 15 Aug 2019 10:58

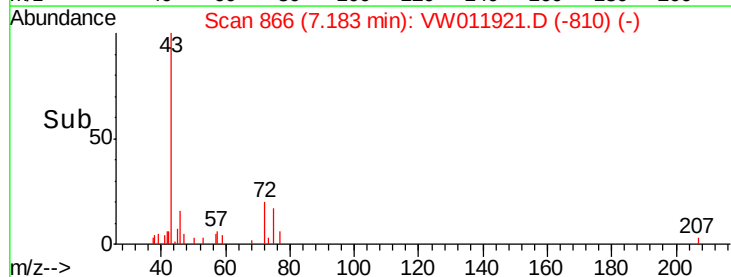
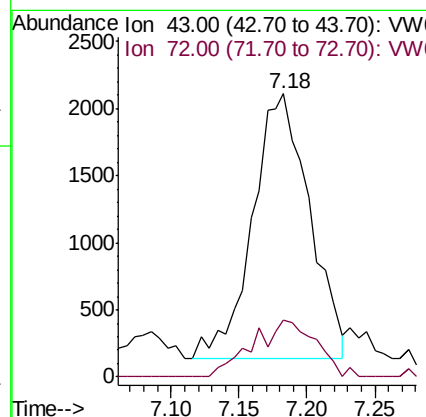
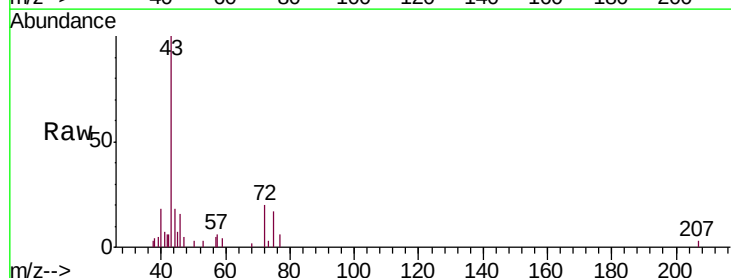
Instrument :
MSVOA_W
ClientSampled :
GANJ6MS

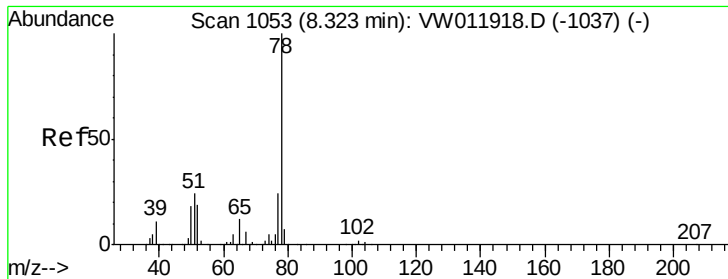
Tgt Ion: 43 Resp: 5834
Ion Ratio Lower Upper
43 100
74 10.7 15.0 22.4#



#21
2-Butanone
Concen: 1.914 ug/L
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW011921.D
Acq: 15 Aug 2019 10:58

Tgt Ion: 43 Resp: 5739
Ion Ratio Lower Upper
43 100
72 15.3 10.7 32.1





#34

Benzene

Concen: 23.920 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW011921.D

Acq: 15 Aug 2019 10:58

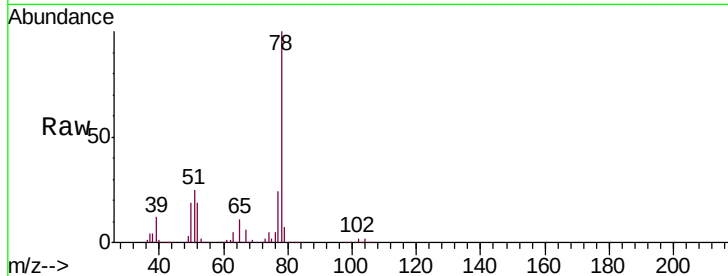
Instrument :

MSVOA_W

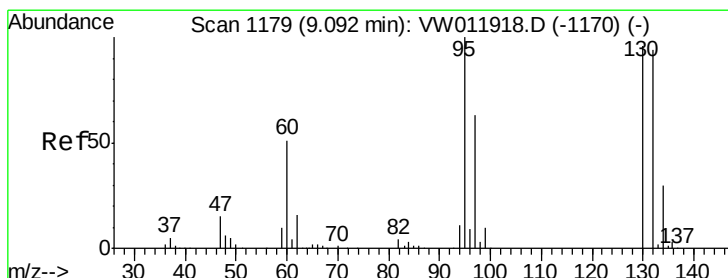
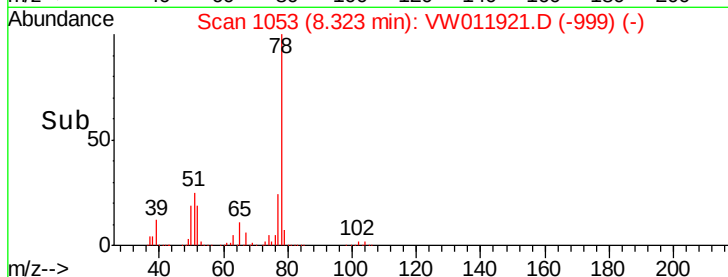
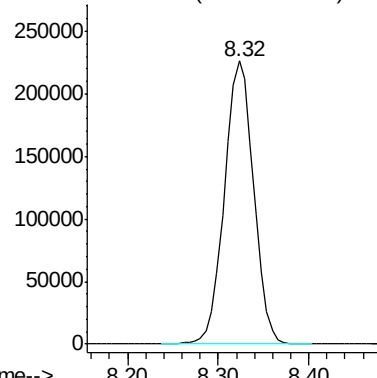
ClientSampleId :

GANJ6MS

Tgt Ion: 78 Resp: 505181



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 23.107 ug/L

RT: 9.09 min Scan# 1179

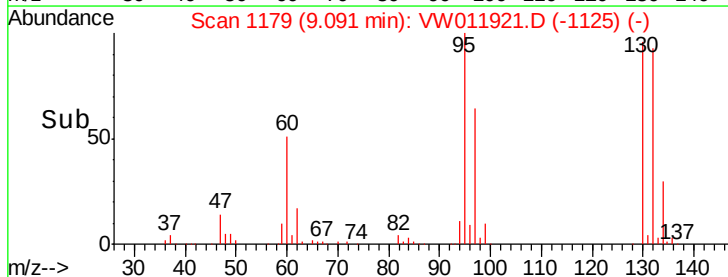
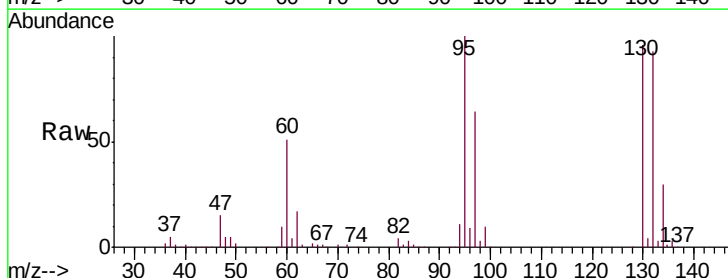
Delta R.T. -0.00 min

Lab File: VW011921.D

Acq: 15 Aug 2019 10:58

Tgt Ion: 95 Resp: 123891

Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.8	83.2
132	93.2	65.0	120.6
130	96.7	68.0	126.4

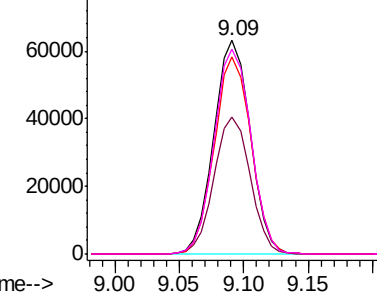


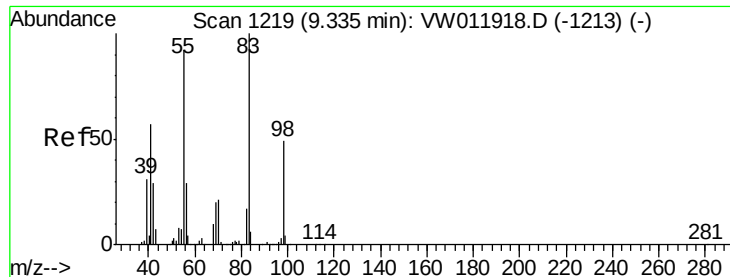
Abundance Ion 95.00 (94.70 to 95.70): VW

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

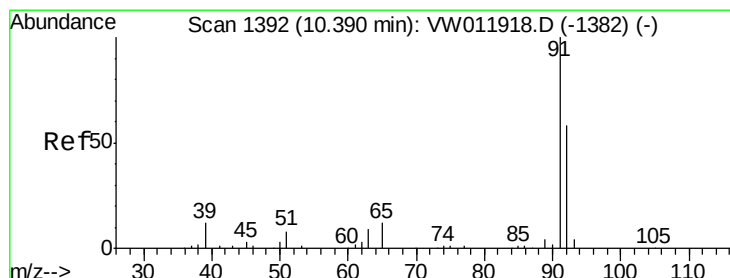
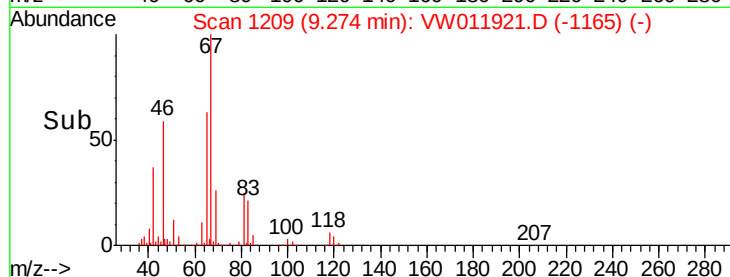
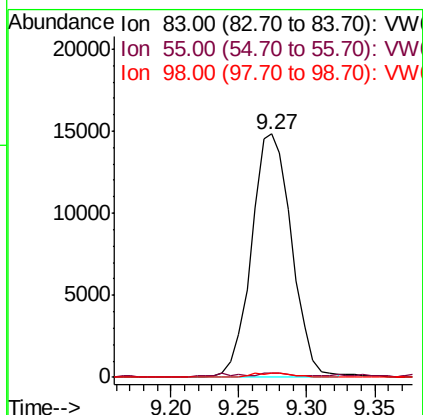
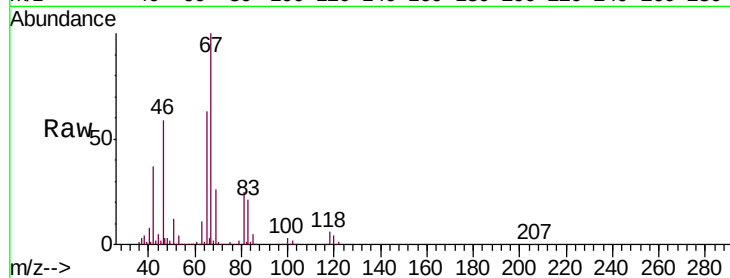




#36
Methylcyclohexane
Concen: 3.149 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW011921.D
Acq: 15 Aug 2019 10:58

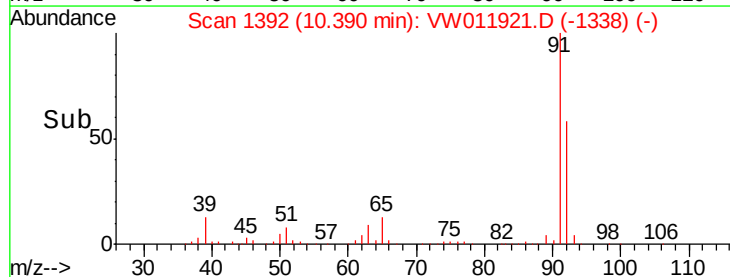
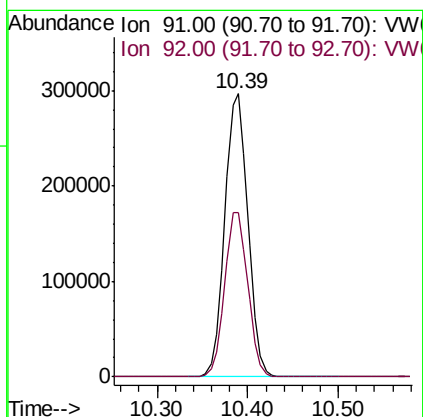
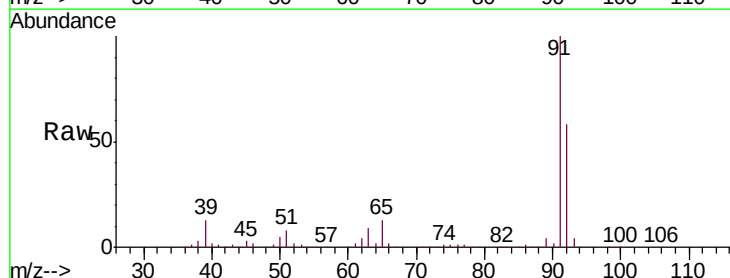
Instrument :
MSVOA_W
ClientSampleId :
GANJ6MS

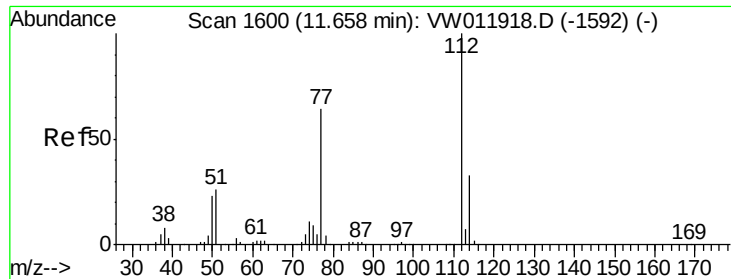
Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.4	72.6	108.8#
98	1.1	37.8	56.6#



#44
Toluene
Concen: 24.416 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW011921.D
Acq: 15 Aug 2019 10:58

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.2	40.9	76.0





#52
 Chlorobenzene
 Concen: 23.047 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VW011921.D
 Acq: 15 Aug 2019 10:58

Instrument :
 MSVOA_W
 ClientSampleId :
 GANJ6MS

Tgt Ion:	112	Resp:	298356
Ion	Ratio	Lower	Upper
112	100		
77	63.7	51.0	76.4
114	31.3	22.4	41.6

