

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081120\
 Data File : VW016137.D
 Acq On : 11 Aug 2020 15:36
 Operator : SY/VA
 Sample : L3599-06MS
 Misc : 6.20G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY89

Quant Time: Aug 11 18:45:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 16:06:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	291058	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	212458	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	48530	25.00	ug/L	0.00

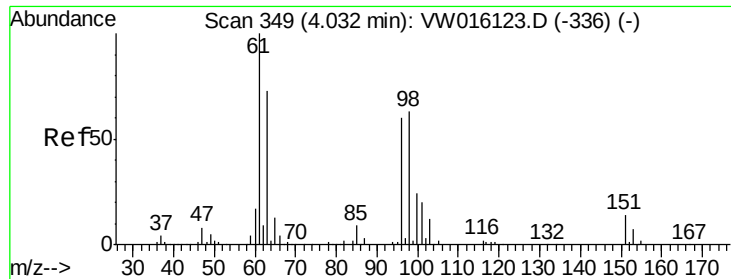
System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	87665	24.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.16%
7) Chloroethane-d5	2.89	69	71740	26.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.76%
10) 1,1-Dichloroethene-d2	4.01	63	193358	25.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.92%
20) 2-Butanone-d5	7.09	46	73090	76.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	153.94%#
24) Chloroform-d	7.65	84	199099	25.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.96%
26) 1,2-Dichloroethane-d4	8.31	65	116672	28.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.48%
29) Benzene-d6	8.27	84	376255	32.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	130.20%
33) 1,2-Dichloropropane-d6	9.27	67	113462	33.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	133.52%#
37) Toluene-d8	10.32	98	295093	27.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.36%
38) trans-1,3-Dichloropropene-	10.58	79	42971	28.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.52%
39) 2-Hexanone-d5	10.93	63	49340	84.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	168.30%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94875	34.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	137.16%#
61) 1,2-Dichlorobenzene-d4	13.85	152	49765	28.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.72%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	90158	24.135	ug/L	95
13) Acetone	4.14	43	14106	19.638	ug/L	98
14) Carbon disulfide	4.37	76	7767	0.662	ug/L	96
34) Benzene	8.32	78	404220	32.993	ug/L	100
35) Trichloroethene	9.09	95	95278	28.921	ug/L	99
44) Toluene	10.39	91	375045	28.999	ug/L	100
52) Chlorobenzene	11.66	112	201892	23.593	ug/L	95

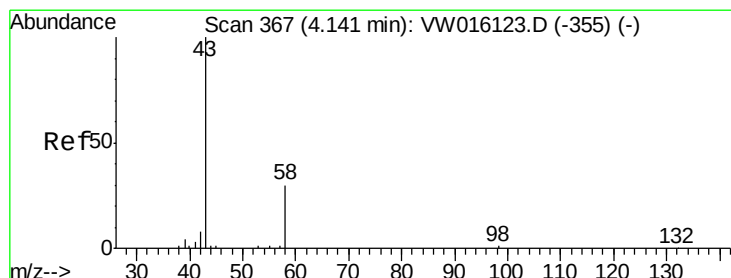
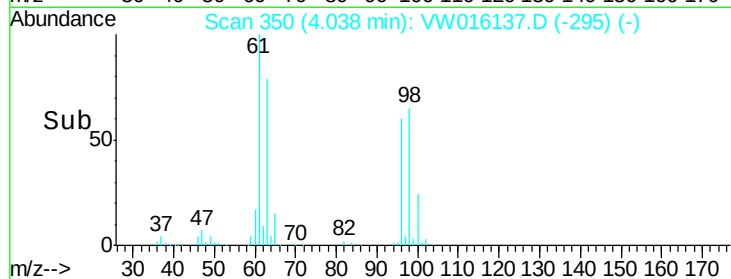
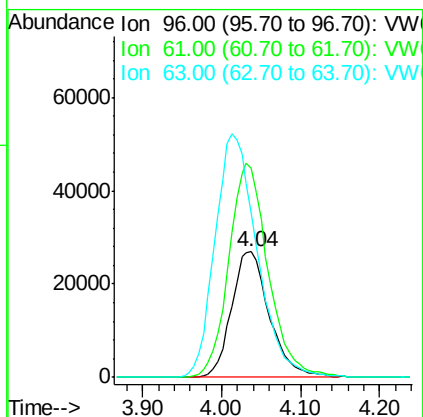
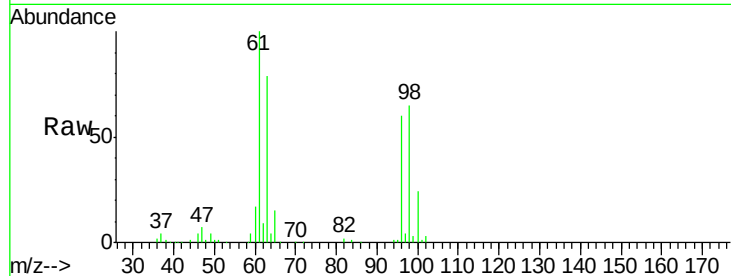
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#12
 1,1-Dichloroethene
 Concen: 24.135 ug/L
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW016137.D
 Acq: 11 Aug 2020 15:36

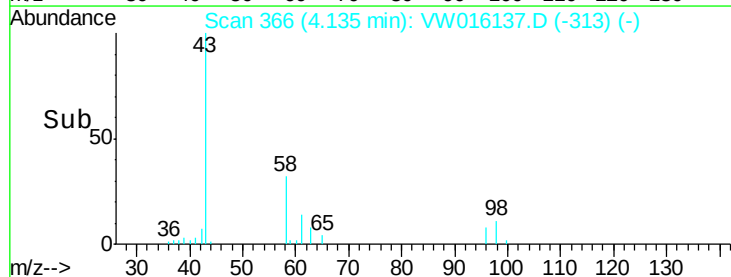
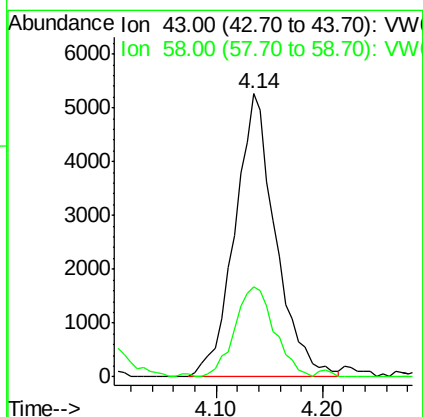
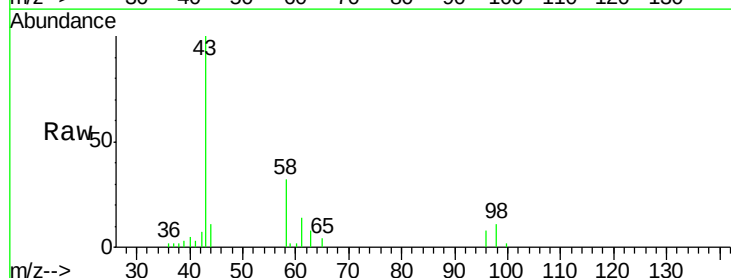
Instrument :
 MSVOA_W
 ClientSampled :
 GAY89

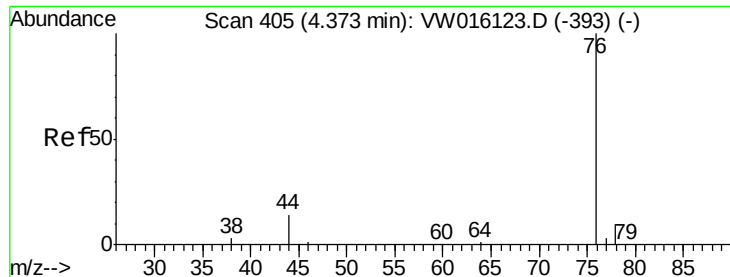
Tot Ion	96	Resp	90158
Ion	Ratio	Lower	Upper
96	100		
61	166.4	120.2	223.2
63	131.2	86.4	160.4



#13
 Acetone
 Concen: 19.638 ug/L
 RT: 4.14 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VW016137.D
 Acq: 11 Aug 2020 15:36

Tgt Ion	43	Resp	14106
Ion	Ratio	Lower	Upper
43	100		
58	31.0	0.0	59.4





#14

Carbon disulfide

Concen: 0.662 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW016137.D

Acq: 11 Aug 2020 15:36

Instrument :

MSVOA_W

ClientSampleId :

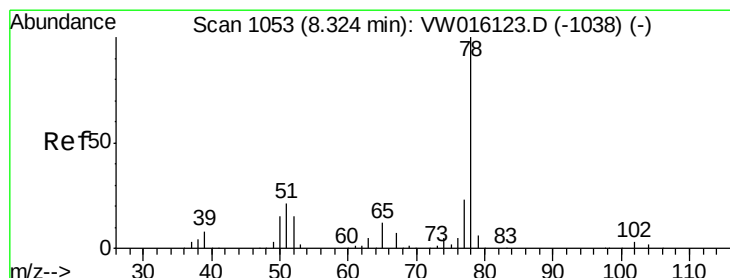
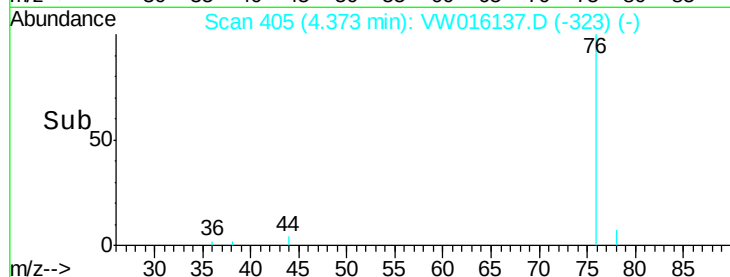
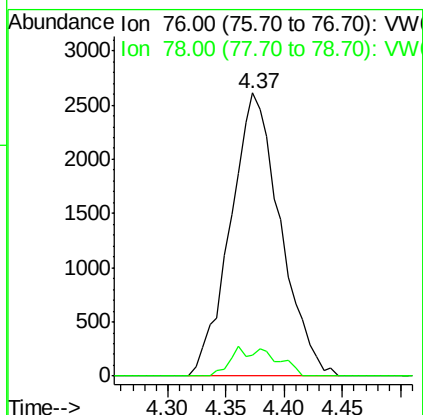
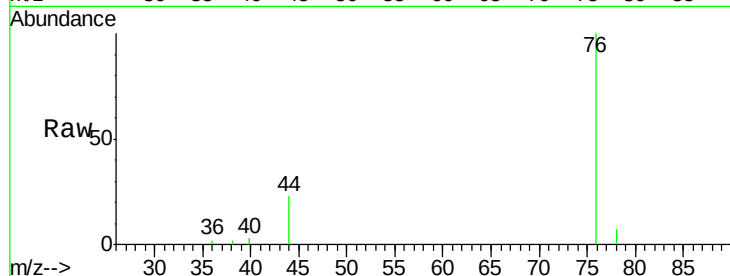
GAY89

Tot Ion: 76 Resp: 7767

Ion Ratio Lower Upper

76 100

78 7.2 7.0 10.4



#34

Benzene

Concen: 32.993 ug/L

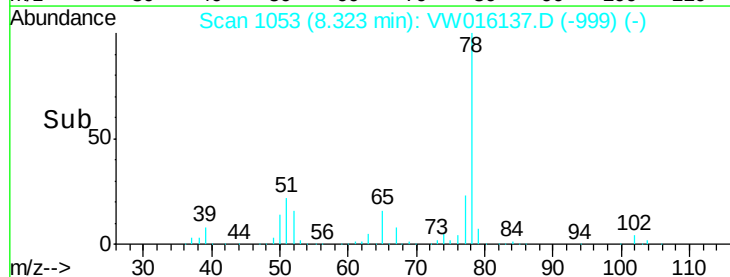
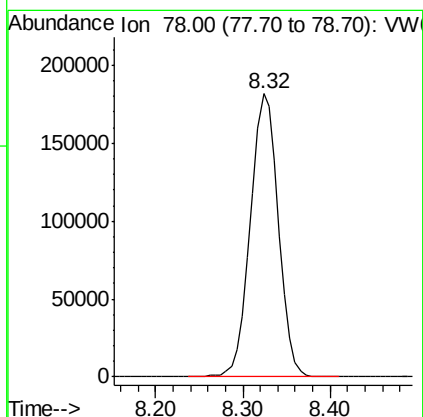
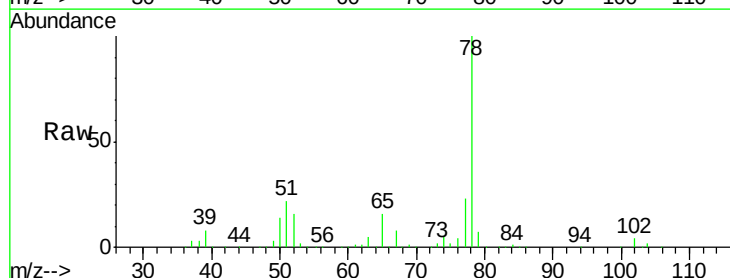
RT: 8.32 min Scan# 1053

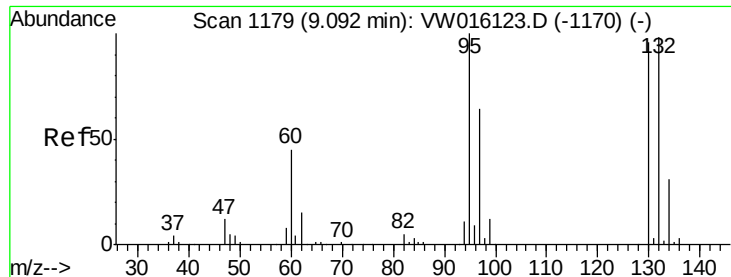
Delta R.T. -0.00 min

Lab File: VW016137.D

Acq: 11 Aug 2020 15:36

Tgt Ion: 78 Resp: 404220

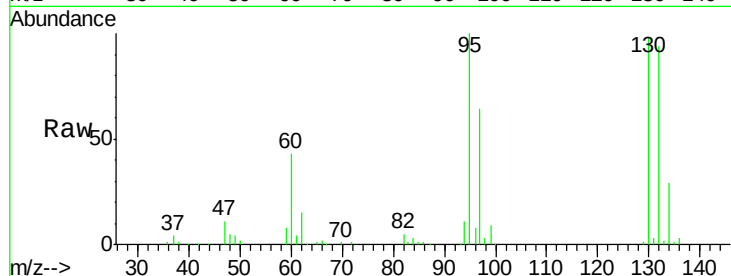




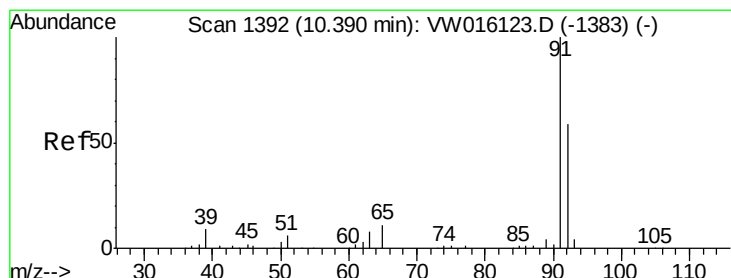
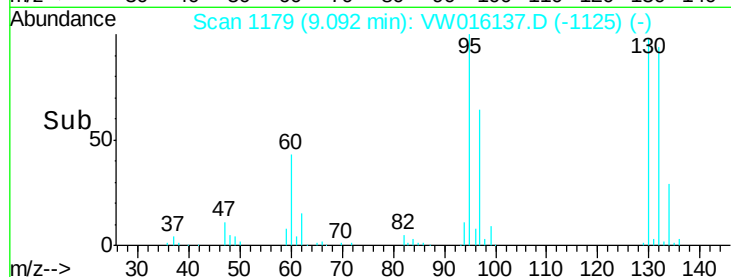
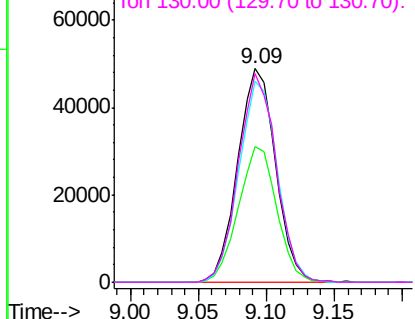
#35
 Trichloroethene
 Concen: 28.921 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW016137.D
 Acq: 11 Aug 2020 15:36

Instrument :
 MSVOA_W
 ClientSampled :
 GAY89

Tot Ion:	95	Resp:	95278
Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.9	83.3
132	95.3	65.8	122.2
130	97.5	69.5	129.1

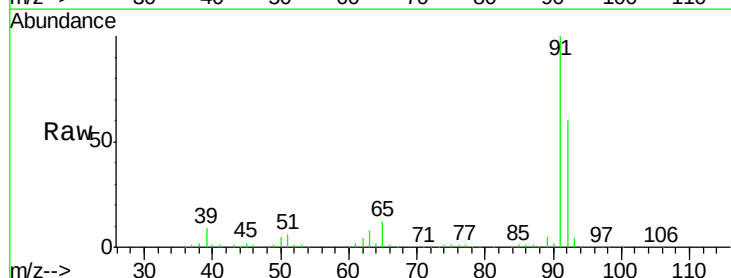


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

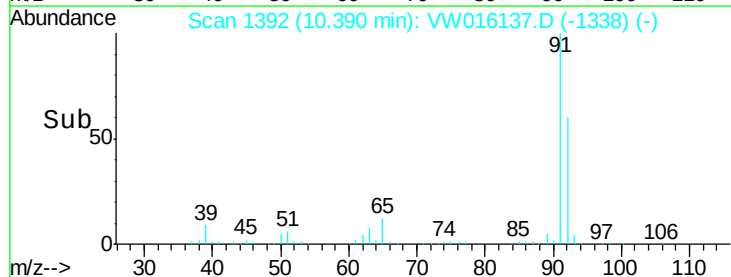
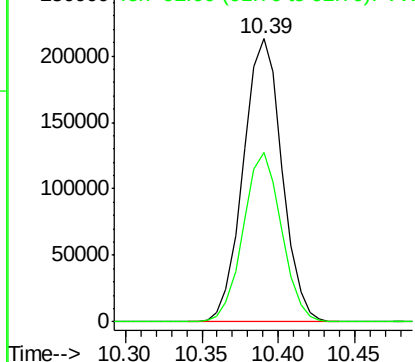


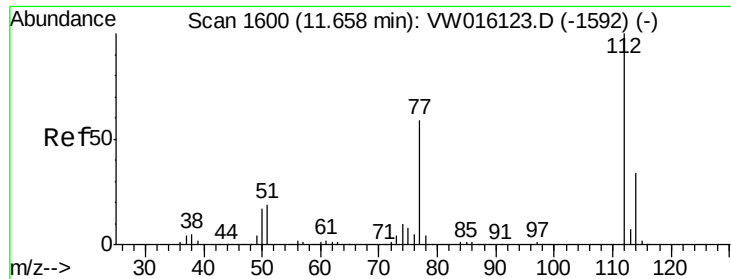
#44
 Toluene
 Concen: 28.999 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW016137.D
 Acq: 11 Aug 2020 15:36

Tgt Ion:	91	Resp:	375045
Ion	Ratio	Lower	Upper
91	100		
92	59.8	41.8	77.6



Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 92.00 (91.70 to 92.70): VW





#52

Chlorobenzene

Concen: 23.593 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW016137.D

Acq: 11 Aug 2020 15:36

Instrument :

MSVOA_W

ClientSampleId :

GAY89

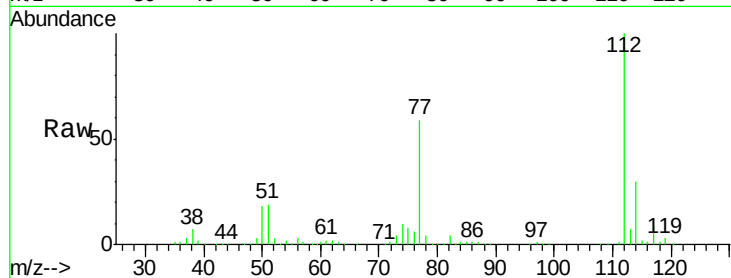
Tot Ion:112 Resp: 201892

Ion Ratio Lower Upper

112 100

77 58.5 49.1 73.7

114 29.9 23.5 43.7



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VW

Ion 114.00 (113.70 to 114.70): V

