

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081020\
 Data File : VW016116.D
 Acq On : 10 Aug 2020 21:53
 Operator : SY/VA
 Sample : L3598-07MS
 Misc : 5.53G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY64

Manual Integrations
 APPROVED

MMDadoda
 8/11/2020 8:23:03 AM

Quant Time: Aug 11 02:35:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 01:19:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	312791	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	252809	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	69432	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	111052	28.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.56%
7) Chloroethane-d5	2.89	69	80747	27.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.72%
10) 1,1-Dichloroethene-d2	4.01	63	211302	25.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.60%
20) 2-Butanone-d5	7.09	46	81808	80.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	160.34%#
24) Chloroform-d	7.65	84	228653	27.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.96%
26) 1,2-Dichloroethane-d4	8.31	65	141649	31.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	127.08%
29) Benzene-d6	8.27	84	426206	30.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.96%
33) 1,2-Dichloropropane-d6	9.27	67	131026	32.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.60%#
37) Toluene-d8	10.32	98	344666	27.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.32%
38) trans-1,3-Dichloropropene-	10.58	79	58629	32.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	129.04%
39) 2-Hexanone-d5	10.93	63	64202	92.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	184.04%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	115639	35.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	140.48%#
61) 1,2-Dichlorobenzene-d4	13.86	152	67642	27.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.92%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.03	96	86062m	21.437	ug/L	
13) Acetone	4.14	43	6691	8.668	ug/L	99
16) Methylene chloride	4.92	84	9662	1.956	ug/L	94
34) Benzene	8.32	78	401753	27.558	ug/L	100
35) Trichloroethene	9.09	95	94462	24.097	ug/L	99
44) Toluene	10.39	91	384131	24.961	ug/L	97
52) Chlorobenzene	11.66	112	224573	22.055	ug/L	98

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

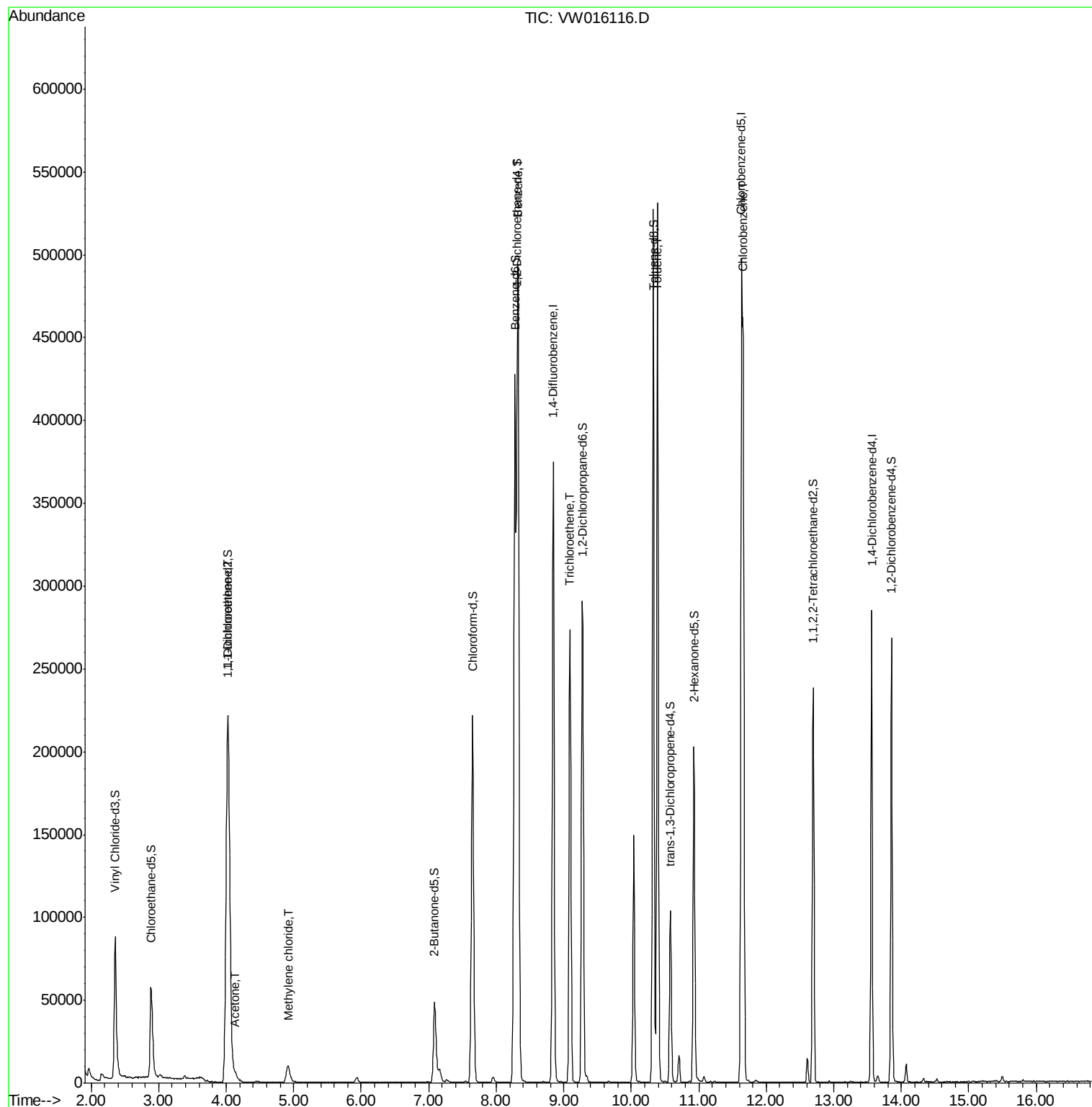
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081020\
Data File : VW016116.D
Acq On : 10 Aug 2020 21:53
Operator : SY/VA
Sample : L3598-07MS
Misc : 5.53G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

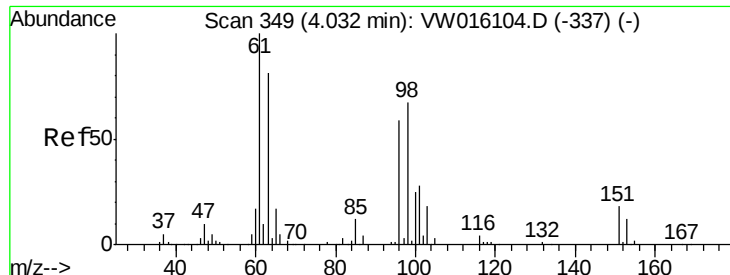
Instrument :
MSVOA_W
ClientSampleId :
GAY64

Manual Integrations
APPROVED

MMDadoda
8/11/2020 8:23:03 AM

Quant Time: Aug 11 02:35:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 11 01:19:31 2020
Response via : Initial Calibration





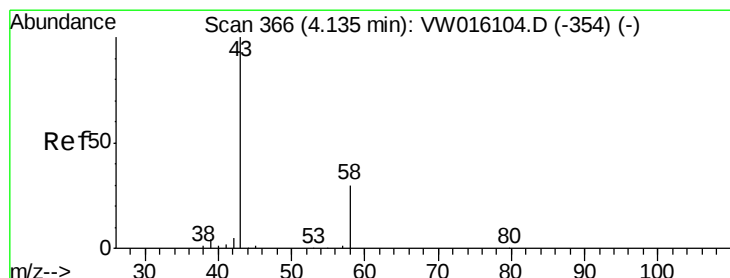
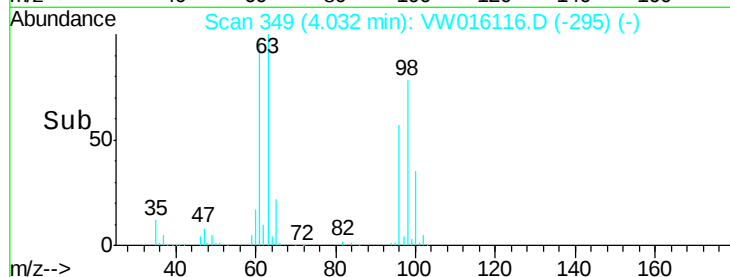
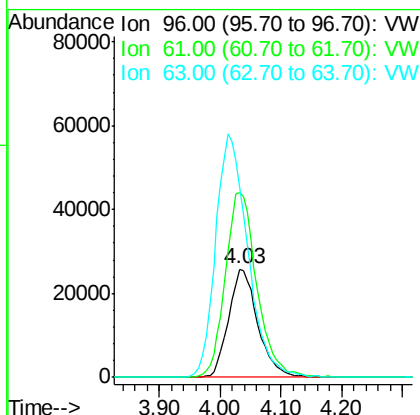
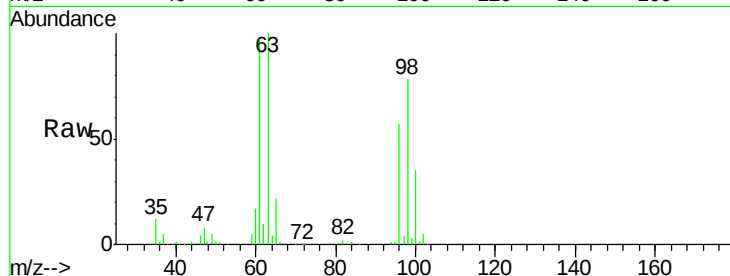
#12
 1,1-Dichloroethene
 Concen: 21.437 ug/L
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW016116.D
 Acq: 10 Aug 2020 21:53

Instrument :
 MSVOA_W
 ClientSampled :
 GAY64

Tot Ion	Ratio	Lower	Upper
96	100		
61	170.4	120.2	223.2
63	175.0	86.4	160.4#

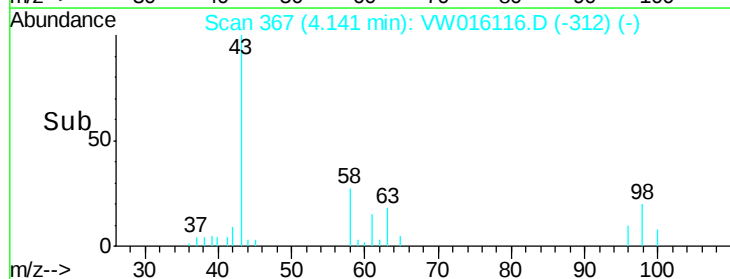
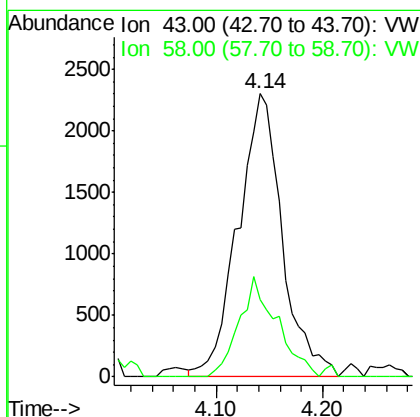
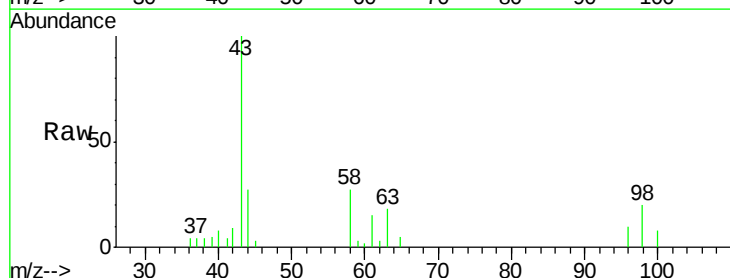
Manual Integrations
 APPROVED

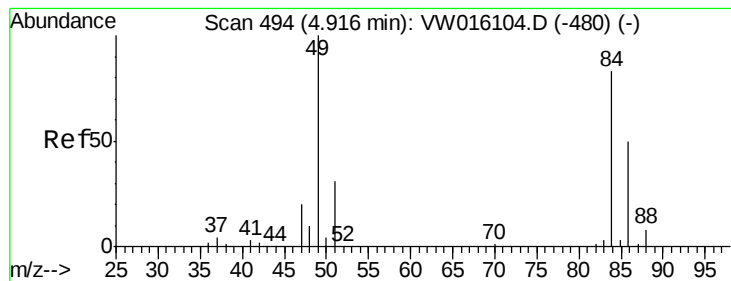
MMDadoda
 8/11/2020 8:23:03 AM



#13
 Acetone
 Concen: 8.668 ug/L
 RT: 4.14 min Scan# 367
 Delta R.T. 0.01 min
 Lab File: VW016116.D
 Acq: 10 Aug 2020 21:53

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.3	0.0	59.4





#16

Methvlene chloride

Concen: 1.956 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW016116.D

Acq: 10 Aug 2020 21:53

Instrument :

MSVOA_W

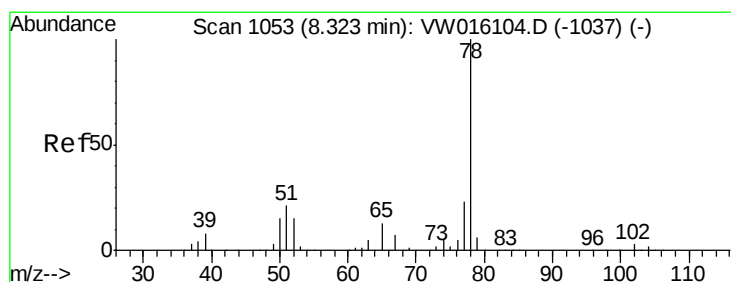
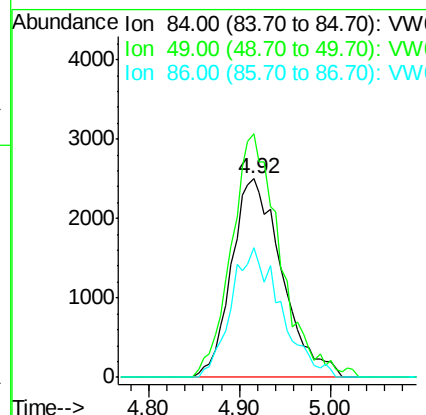
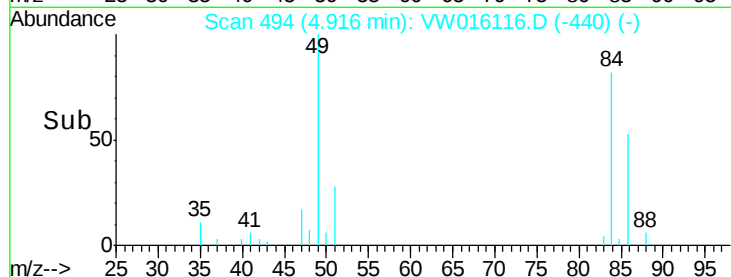
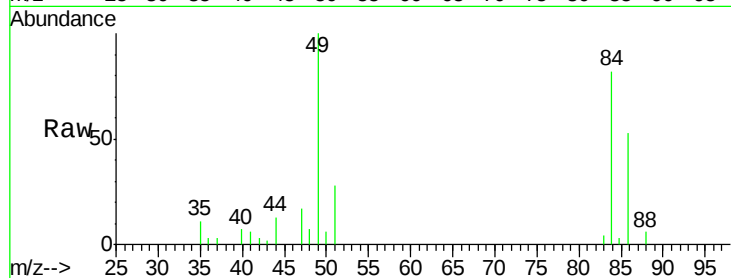
ClientSampleId :

GAY64

Tot Ion:	84	Resp:	9662
Ion	Ratio	Lower	Upper
84	100		
49	122.5	80.4	149.4
86	65.4	43.8	81.3

Manual Integrations
APPROVED

MMDadoda
8/11/2020 8:23:03 AM



#34

Benzene

Concen: 27.558 ug/L

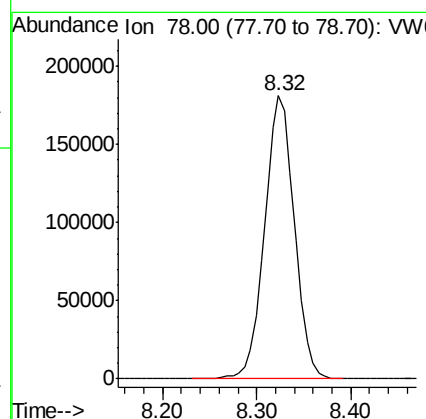
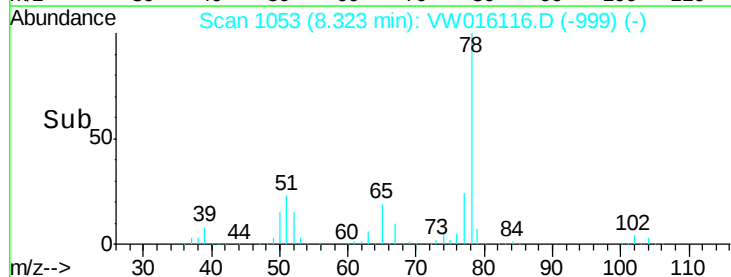
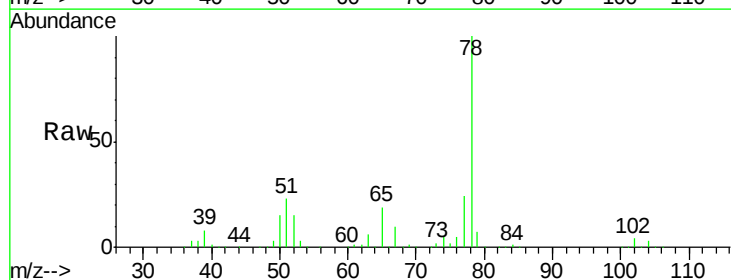
RT: 8.32 min Scan# 1053

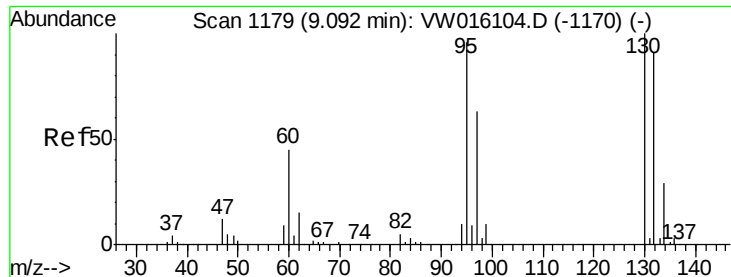
Delta R.T. -0.00 min

Lab File: VW016116.D

Acq: 10 Aug 2020 21:53

Tgt Ion: 78 Resp: 401753





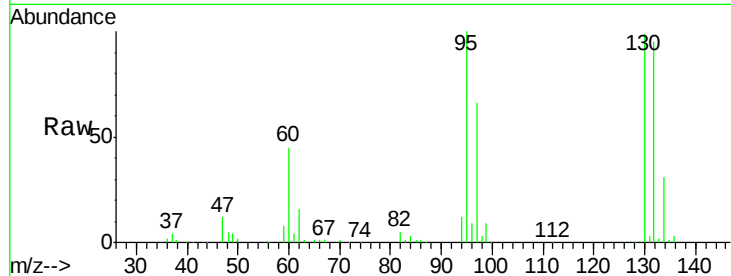
#35
 Trichloroethene
 Concen: 24.097 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW016116.D
 Acq: 10 Aug 2020 21:53

Instrument :
 MSVOA_W
 ClientSampled :
 GAY64

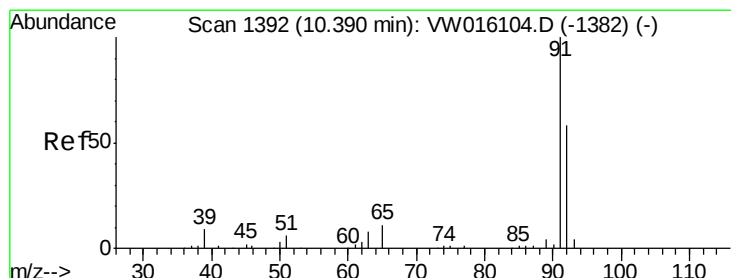
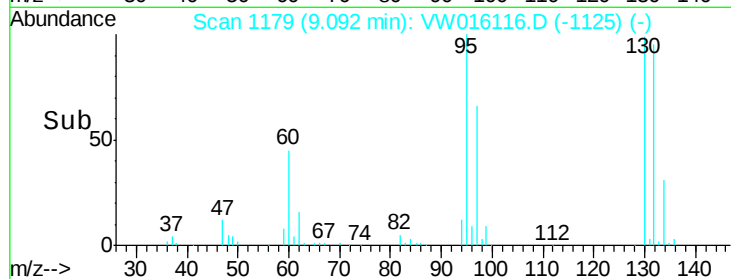
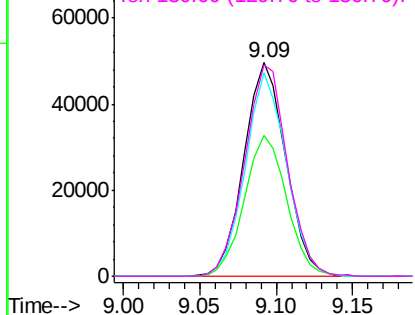
Tot Ion	95	Resp	94462
Ion	Ratio	Lower	Upper
95	100		
97	66.5	44.9	83.3
132	93.8	65.8	122.2
130	100.9	69.5	129.1

Manual Integrations
 APPROVED

MMDadoda
 8/11/2020 8:23:03 AM

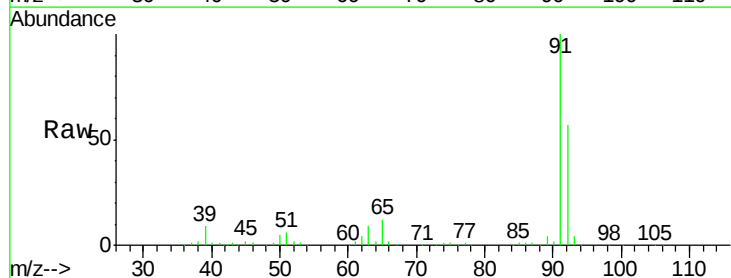


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

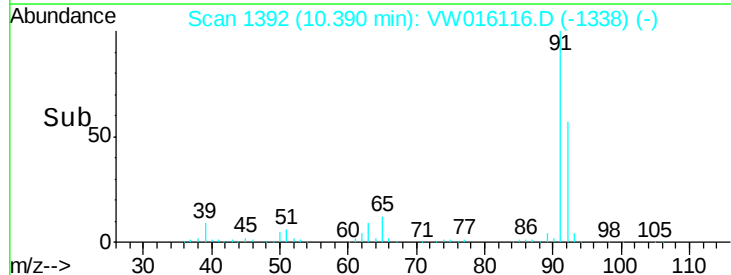
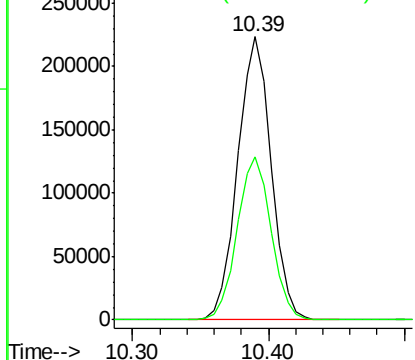


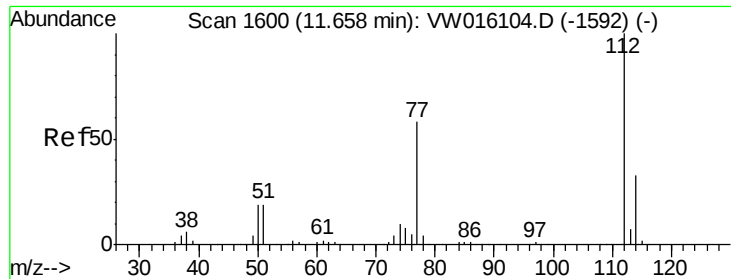
#44
 Toluene
 Concen: 24.961 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW016116.D
 Acq: 10 Aug 2020 21:53

Tgt Ion	91	Resp	384131
Ion	Ratio	Lower	Upper
91	100		
92	57.4	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: 22.055 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VW016116.D
 Acq: 10 Aug 2020 21:53

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY64

Tot Ion:	112	Resp:	224573
Ion Ratio	Lower	Upper	
112	100		
77	59.9	49.1	73.7
114	31.9	23.5	43.7

Manual Integrations
 APPROVED

MMDadoda
 8/11/2020 8:23:03 AM

