

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020420\
 Data File : VV014502.D
 Acq On : 04 Feb 2020 19:05
 Operator : SY/MD
 Sample : L1324-11MSD
 Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAT66MSD

Manual Integrations
 APPROVED

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 2/5/2020 12:25:24 PM

Quant Time: Feb 15 05:38:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 05 01:06:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	370444	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	365259	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	204942	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86228	41.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.82%
7) Chloroethane-d5	1.55	69	33190	25.95	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	51.90%#
11) 1,1-Dichloroethene-d2	2.11	63	118301	43.07	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.14%
21) 2-Butanone-d5	3.94	46	142852	103.19	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.19%
24) Chloroform-d	4.39	84	191749	44.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.08%
26) 1,2-Dichloroethane-d4	5.07	65	126898	48.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.76%
32) Benzene-d6	5.09	84	413291	42.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.94%
36) 1,2-Dichloropropane-d6	6.11	67	132244	43.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.92%
41) Toluene-d8	7.35	98	400373	45.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.66	79	69847	45.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.32%
47) 2-Hexanone-d5	8.14	63	139975	117.58	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	214046	54.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	186427	49.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.78%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.12	96	61562m	43.686	ug/L	
33) Benzene	5.14	78	502606	46.635	ug/L	100
34) Trichloroethene	5.95	95	122637	45.053	ug/L	94
42) Toluene	7.43	91	582910	51.667	ug/L	99
51) Chlorobenzene	8.92	112	373180	51.706	ug/L	98
52) Ethylbenzene	9.05	91	245301	19.372	ug/L	99
53) m,p-Xylene	9.18	106	163878	34.659	ug/L	99
54) o-xylene	9.59	106	97391	20.787	ug/L	97
55) Styrene	9.60	104	198634	25.262	ug/L	100

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

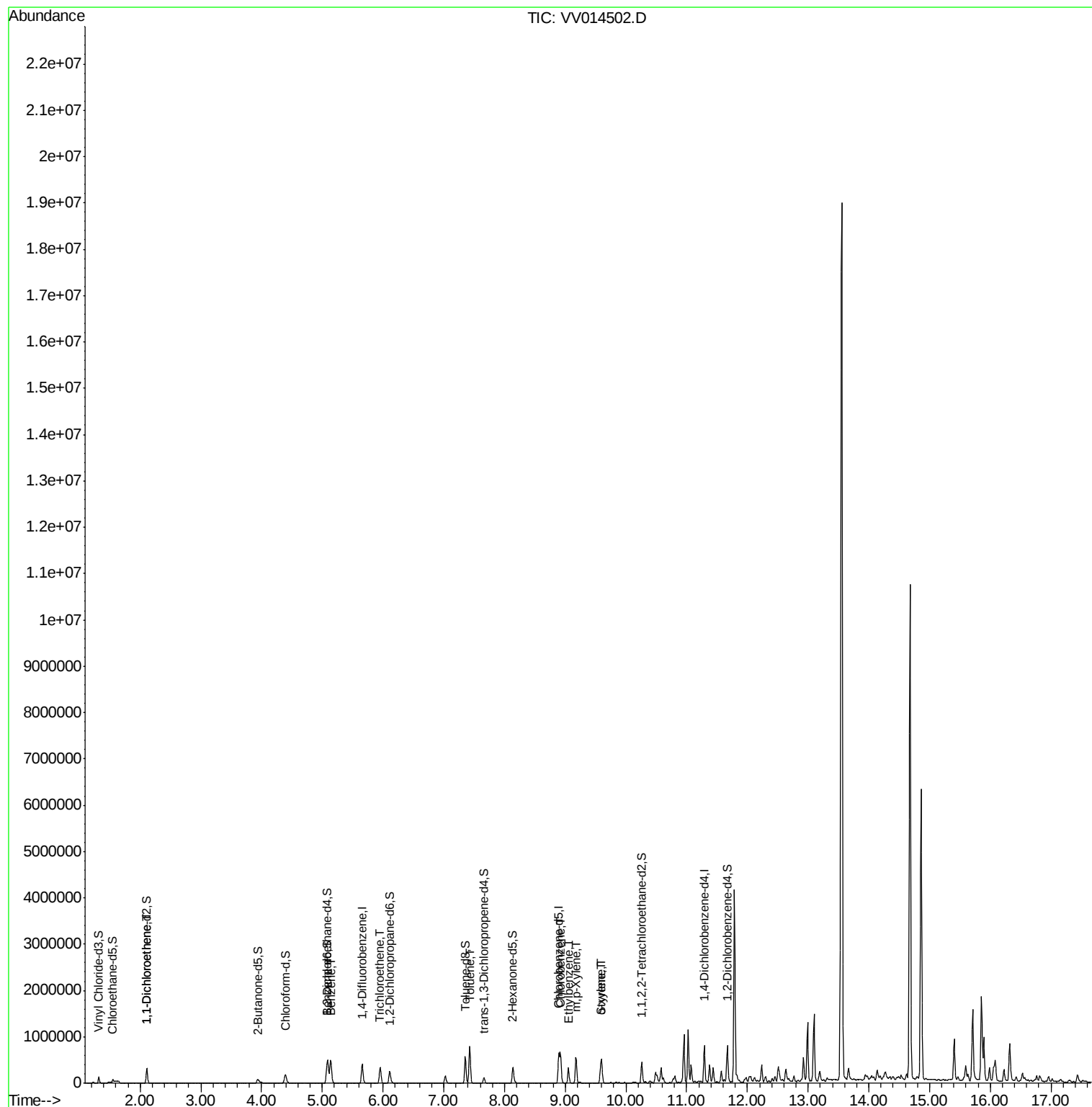
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020420\
Data File : VV014502.D
Acq On : 04 Feb 2020 19:05
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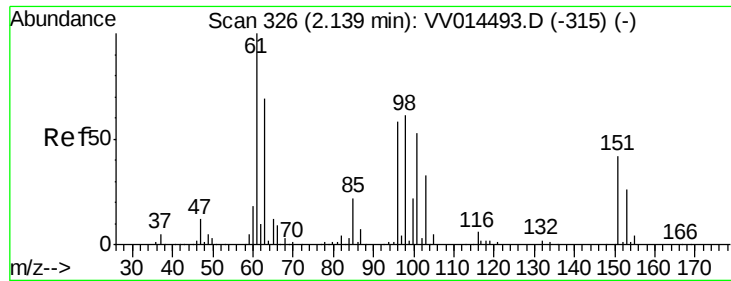
Instrument :
MSVOA_V
ClientSampleId :
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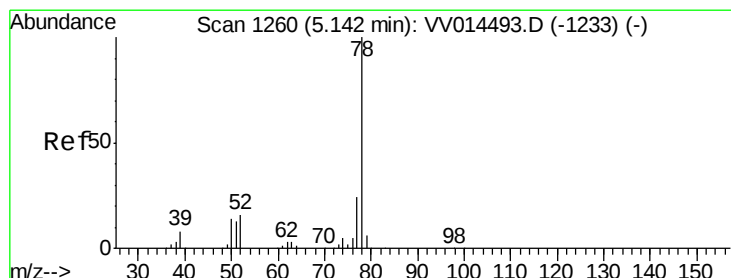
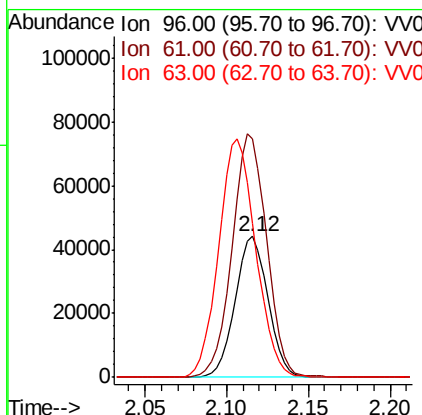
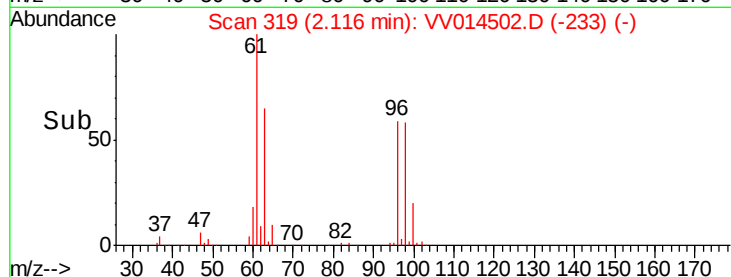
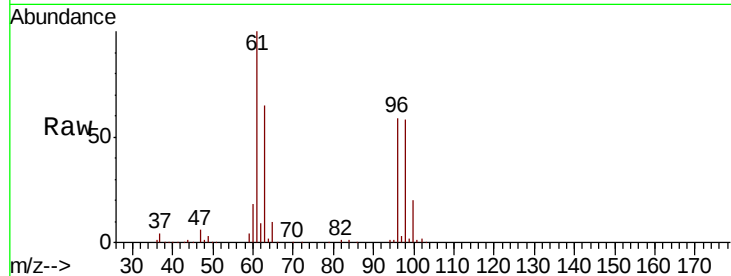
#12
 1,1-Dichloroethene
 Concen: 43.686 ug/L m
 RT: 2.12 min Scan# 319
 Delta R.T. -0.02 min
 Lab File: VV014502.D
 Acq: 04 Feb 2020 19:05

Instrument :
 MSVOA_V
 ClientSampleId :
 GAT66MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	169.6	120.5	223.7
63	109.8	87.1	161.7

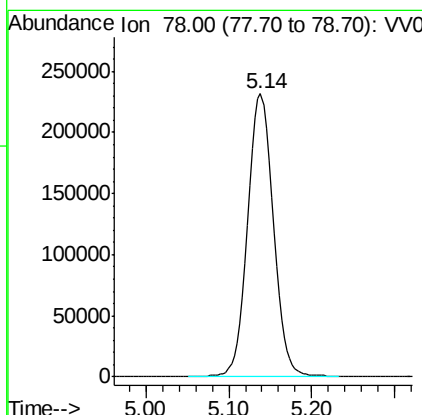
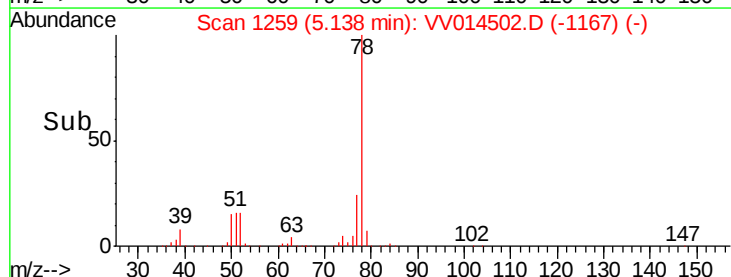
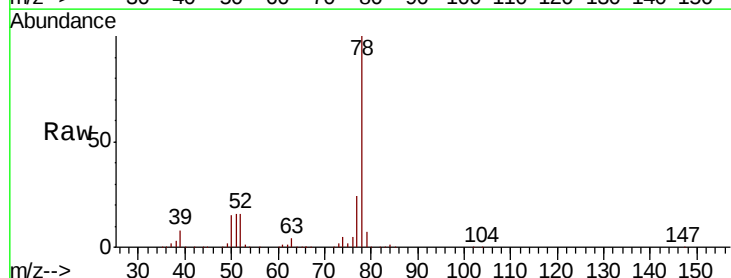
Manual Integrations
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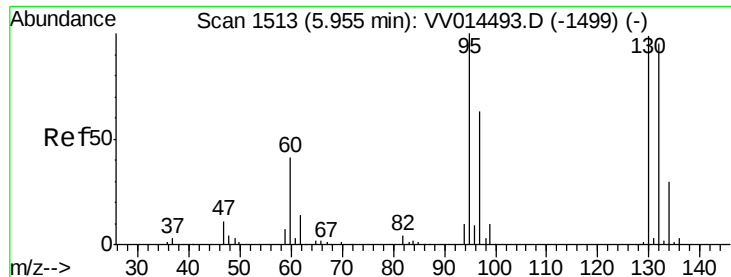
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#33
 Benzene
 Concen: 46.635 ug/L
 RT: 5.14 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VV014502.D
 Acq: 04 Feb 2020 19:05

Tgt Ion: 78 Resp: 502606





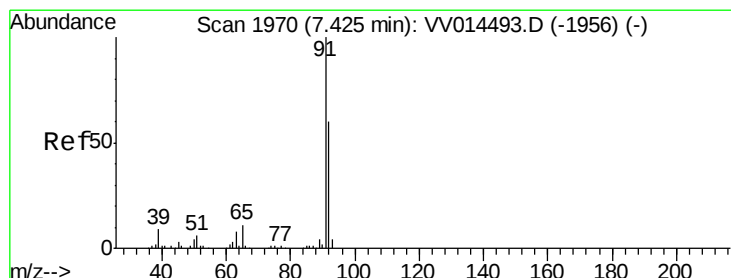
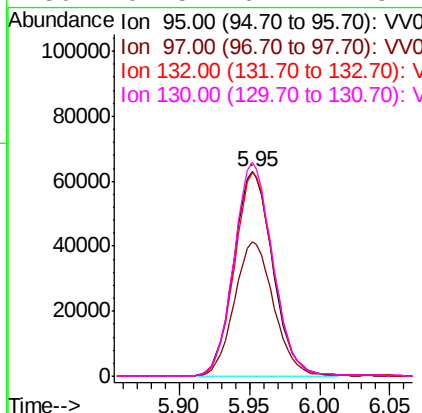
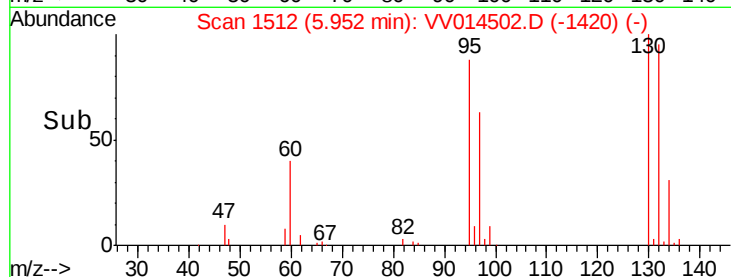
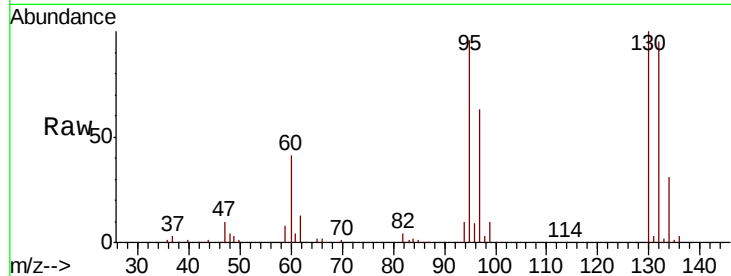
#34
 Trichloroethene
 Concen: 45.053 ug/L
 RT: 5.95 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: VV014502.D
 Acq: 04 Feb 2020 19:05

Instrument :
 MSVOA_V
 ClientSampleId :
 GAT66MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100				
97	65.7	44.7	83.1		
132	99.7	65.4	121.4		
130	104.5	67.7	125.7		

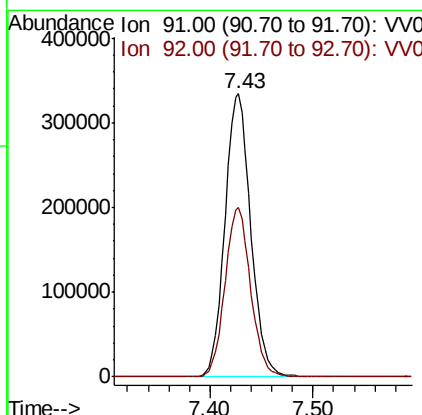
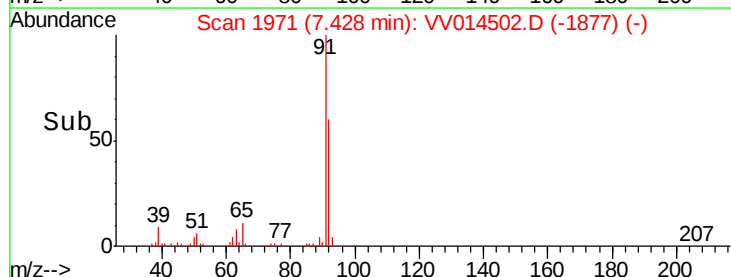
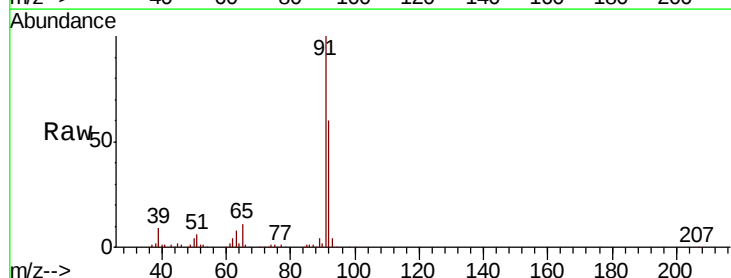
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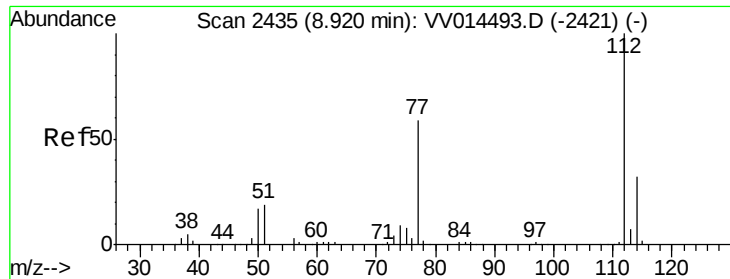
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#42
 Toluene
 Concen: 51.667 ug/L
 RT: 7.43 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: VV014502.D
 Acq: 04 Feb 2020 19:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
92	59.7	41.0	76.2		





#51

Chlorobenzene

Concen: 51.706 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VV014502.D

Acq: 04 Feb 2020 19:05

Instrument :

MSVOA_V

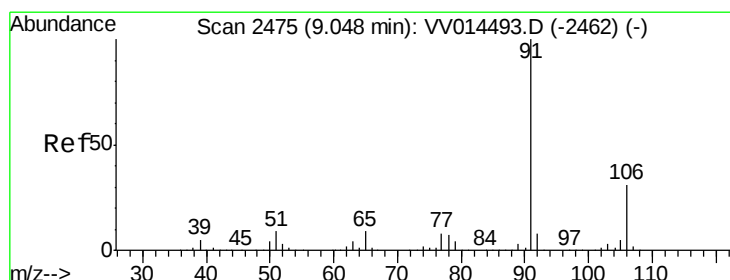
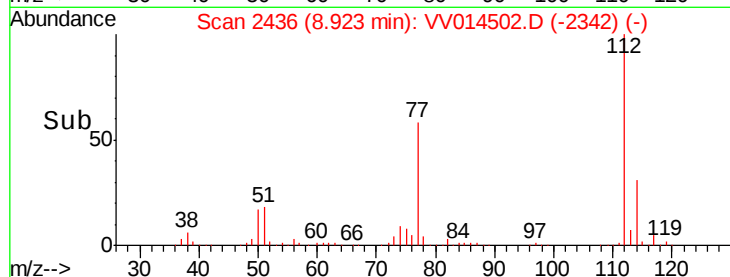
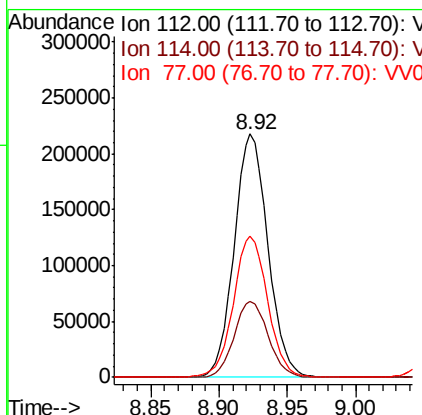
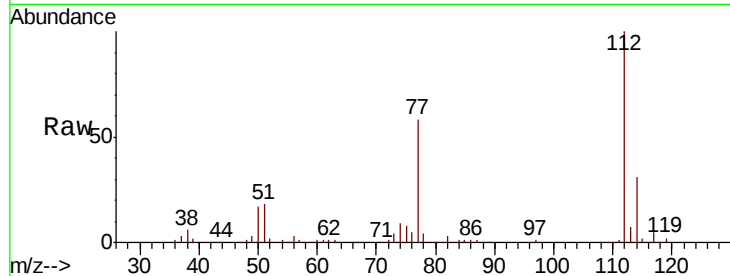
ClientSampleId :

GAT66MSD

Tot Ion:	112	Resp:	373180
Ion Ratio	Lower	Upper	
112	100		
114	31.3	22.5	41.9
77	57.8	47.5	71.3

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#52

Ethylbenzene

Concen: 19.372 ug/L

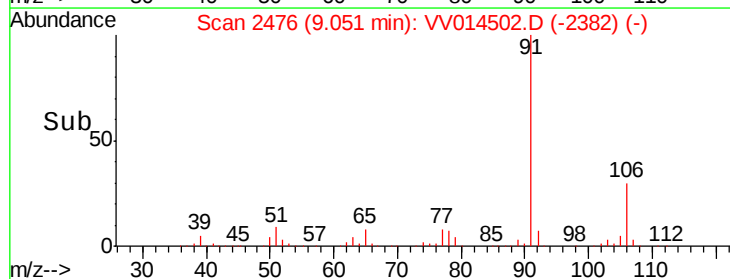
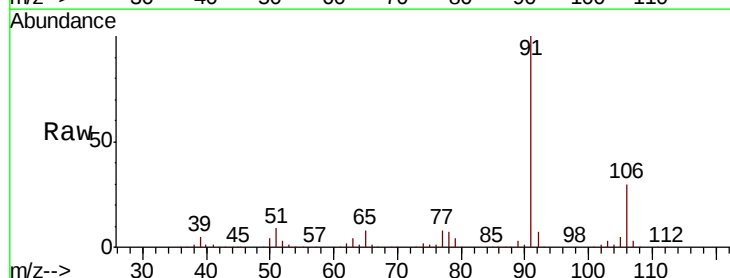
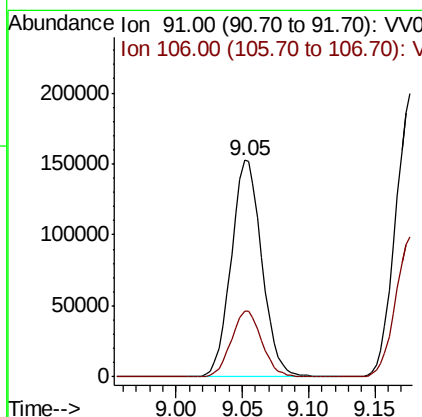
RT: 9.05 min Scan# 2476

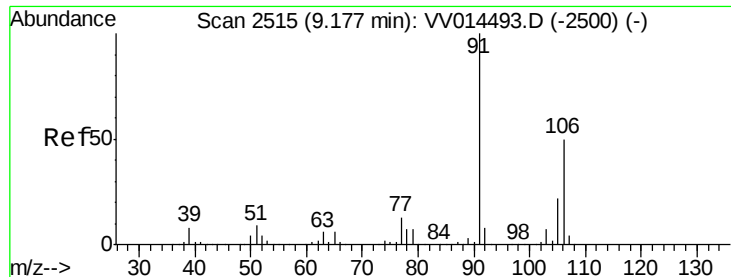
Delta R.T. 0.00 min

Lab File: VV014502.D

Acq: 04 Feb 2020 19:05

Tgt Ion:	91	Resp:	245301
Ion Ratio	Lower	Upper	
91	100		
106	30.4	21.8	40.6





#53

m,p-Xylene

Concen: 34.659 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. -0.00 min

Lab File: VV014502.D

Acq: 04 Feb 2020 19:05

Instrument :

MSVOA_V

ClientSampled :

GAT66MSD

Tot Ion:106 Resp: 163878

Ion Ratio Lower Upper

106 100

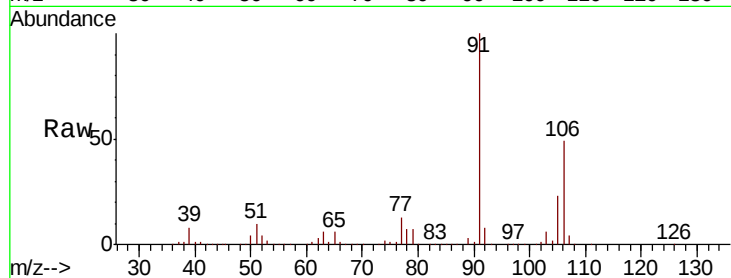
91 202.3 140.9 261.7

Manual Integrations

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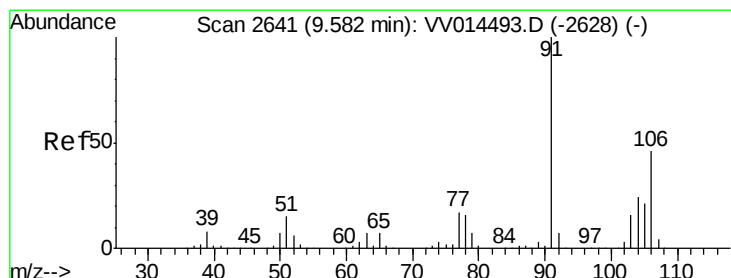
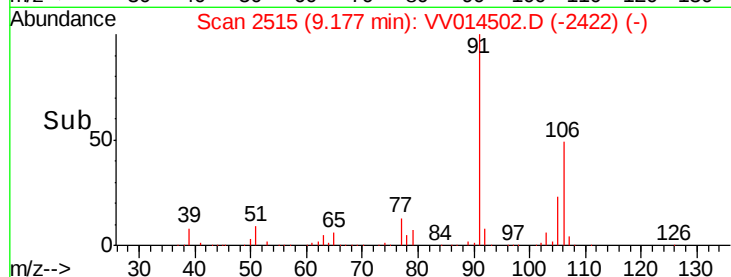
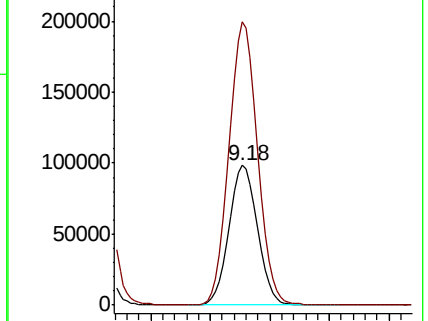
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 20.787 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.00 min

Lab File: VV014502.D

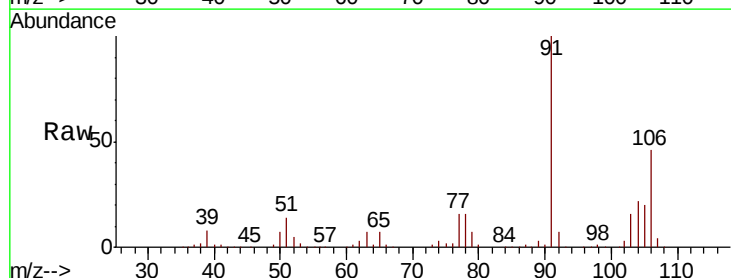
Acq: 04 Feb 2020 19:05

Tgt Ion:106 Resp: 97391

Ion Ratio Lower Upper

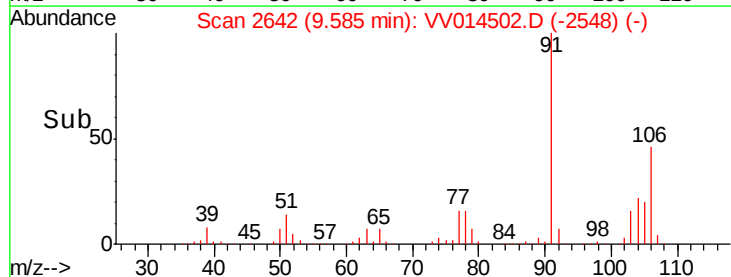
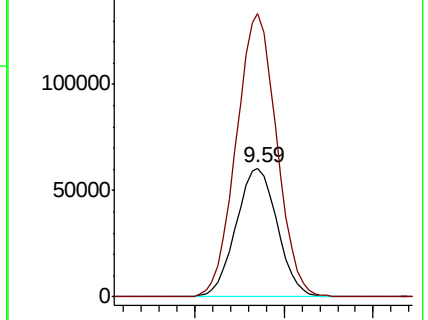
106 100

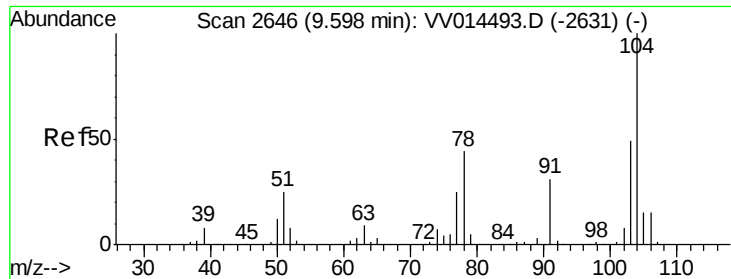
91 219.6 150.4 279.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0





#55

Stvrene

Concen: 25.262 ug/L

RT: 9.60 min Scan# 2647

Delta R.T. 0.00 min

Lab File: VV014502.D

Acq: 04 Feb 2020 19:05

Instrument :

MSVOA_V

ClientSampleId :

GAT66MSD

Tot Ion:104 Resp: 198634

Ion Ratio Lower Upper

104 100

78 44.6 31.3 58.1

Manual Integrations

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