

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112018\
 Data File : VV008684.D
 Acq On : 20 Nov 2018 19:26
 Operator : SY/MD
 Sample : J5997-04MS 50X
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YA3MS

Manual Integrations
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 11/21/2018 11:56:31 AM

Quant Time: Nov 21 08:23:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 21 01:28:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	296077	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	272822	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	120755	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86139	41.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.48%
7) Chloroethane-d5	1.57	69	41806	36.64	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.28%
11) 1,1-Dichloroethene-d2	2.13	63	158682	46.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.06%
21) 2-Butanone-d5	3.94	46	152726	89.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.71%
24) Chloroform-d	4.41	84	179570	42.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.90%
26) 1,2-Dichloroethane-d4	5.09	65	123847	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.54%
32) Benzene-d6	5.10	84	388434	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.54%
36) 1,2-Dichloropropane-d6	6.12	67	124101	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.56%
41) Toluene-d8	7.37	98	349733	45.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.82%
43) trans-1,3-Dichloropropene-	7.67	79	47098	39.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.38%
47) 2-Hexanone-d5	8.14	63	103714	86.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.46%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	146105	40.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.76%
64) 1,2-Dichlorobenzene-d4	11.68	152	120417	45.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.36%

Target Compounds

						Qvalue
12) 1,1-Dichloroethene	2.14	96	75502	50.23	ug/L	83
20) cis-1,2-Dichloroethene	3.97	96	7847	3.29	ug/L	87
29) Cyclohexane	4.73	56	8573	2.32	ug/L	# 100
33) Benzene	5.15	78	443960	50.62	ug/L	100
34) Trichloroethene	5.96	95	111252	47.86	ug/L	89
35) Methylcyclohexane	6.18	83	56571	14.74	ug/L	94
42) Toluene	7.44	91	20073850m	2200.74	ug/L	
51) Chlorobenzene	8.93	112	289164	49.83	ug/L	95
52) Ethylbenzene	9.06	91	660788	66.03	ug/L	99
53) m,p-Xylene	9.18	106	781764	212.58	ug/L	91
54) o-xylene	9.59	106	242575	66.33	ug/L	94
56) Isopropylbenzene	9.98	105	18093	1.88	ug/L	98

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

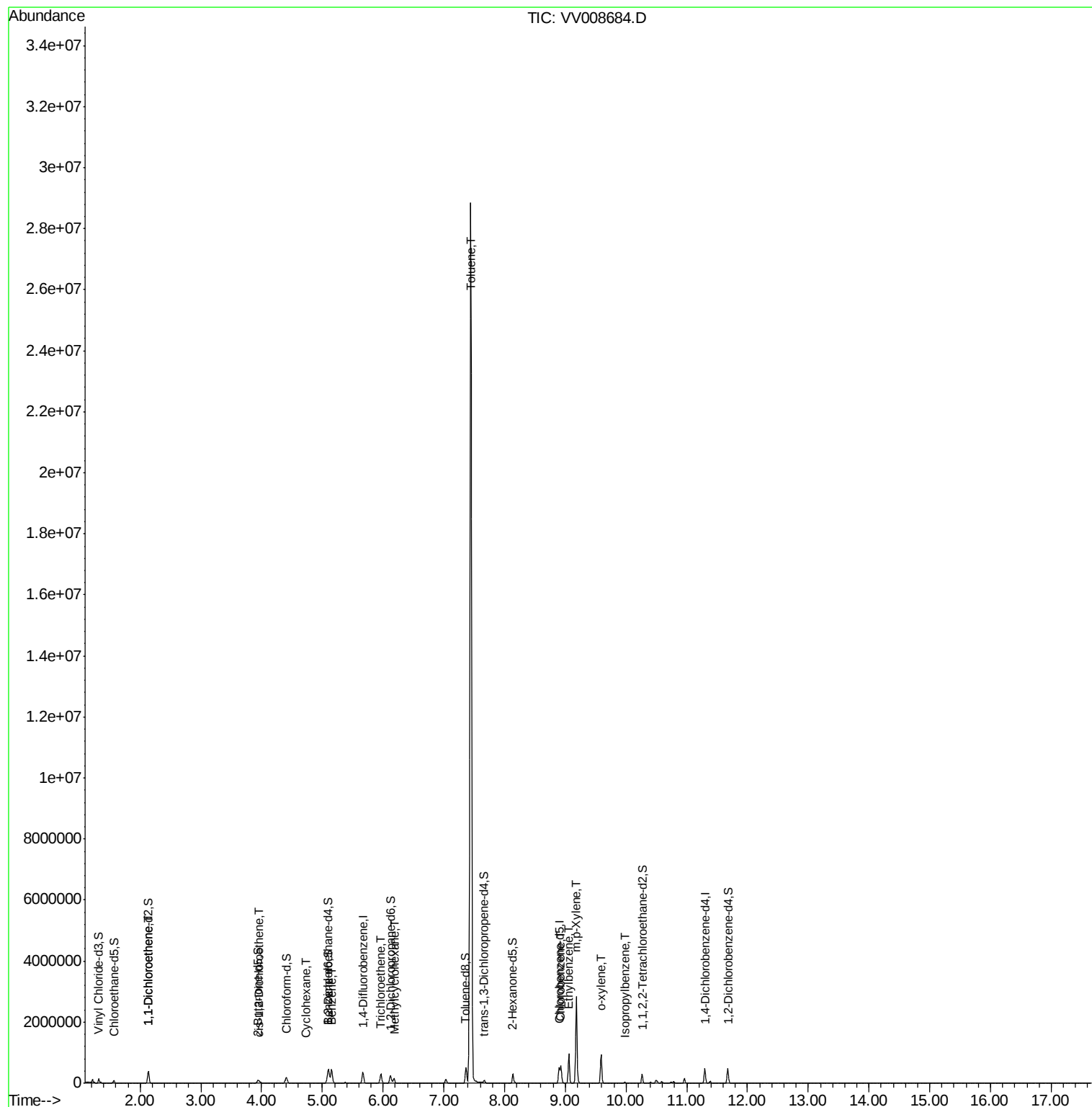
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV112018\
Data File : VV008684.D
Acq On : 20 Nov 2018 19:26
Operator : SY/MD
Sample : J5997-04MS 50X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

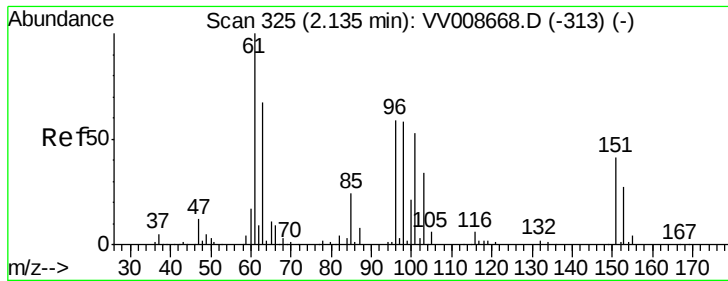
Instrument :
MSVOA_V
ClientSampleId :
E3YA3MS

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Quant Time: Nov 21 08:23:23 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 21 01:28:05 2018
Response via : Initial Calibration





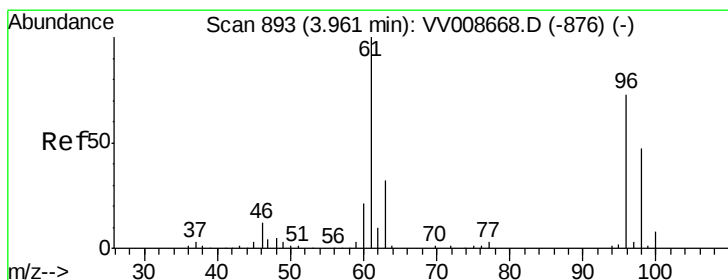
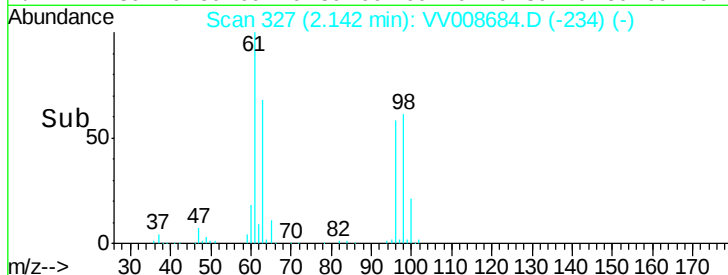
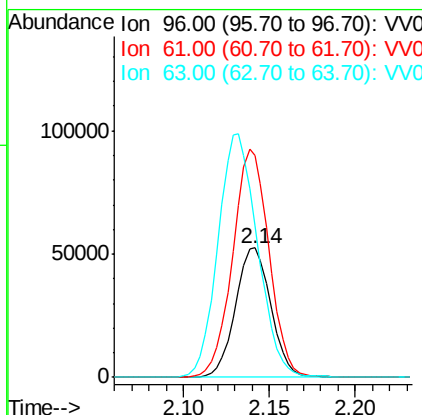
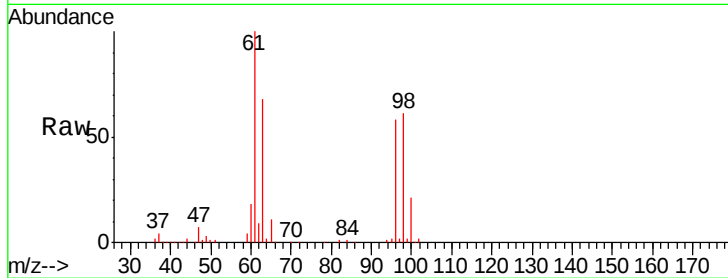
#12
 1,1-Dichloroethene
 Concen: 50.23 ug/L
 RT: 2.14 min Scan# 327
 Delta R.T. 0.00 min
 Lab File: VV008684.D
 Acq: 20 Nov 2018 19:26

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YA3MS

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.0	120.3	223.3
63	116.8	113.3	210.5

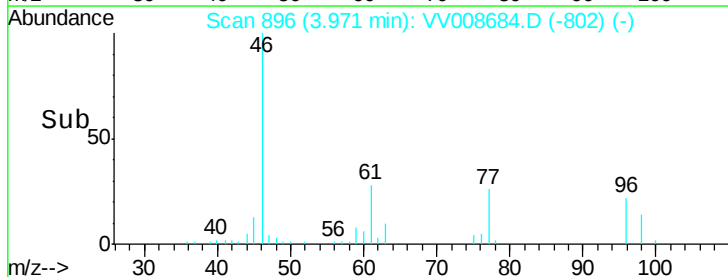
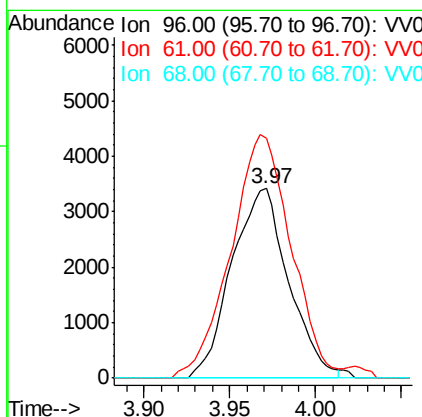
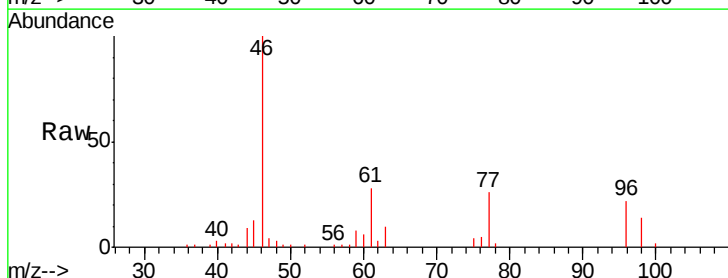
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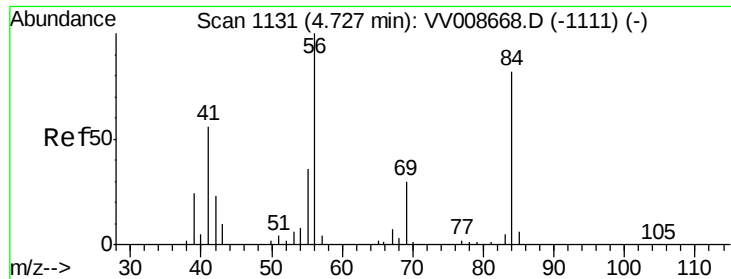
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#20
 cis-1,2-Dichloroethene
 Concen: 3.29 ug/L
 RT: 3.97 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: VV008684.D
 Acq: 20 Nov 2018 19:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	126.6	78.8	146.3
68	0.0	0.0	0.0





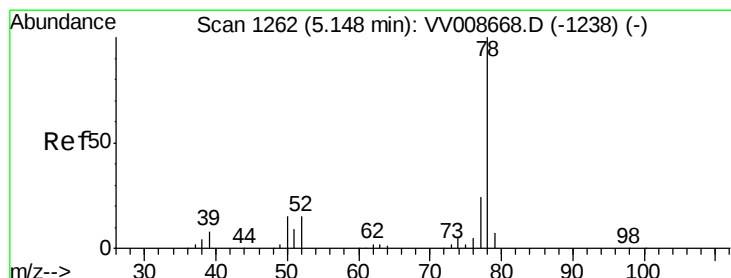
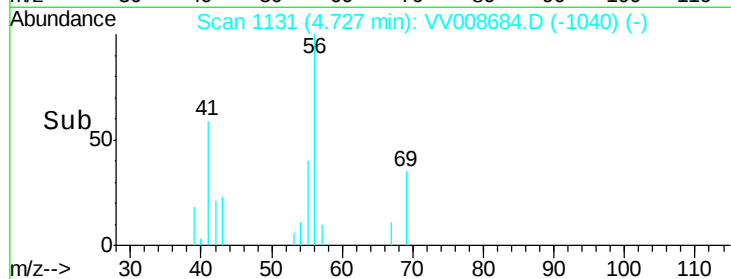
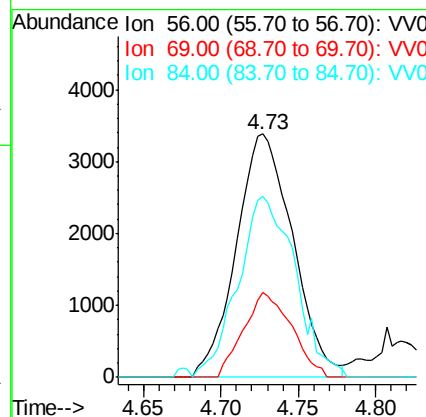
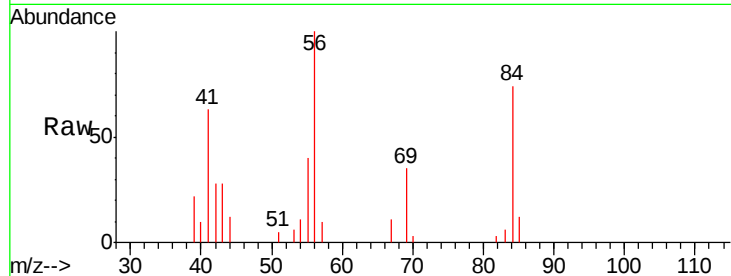
#29
Cyclohexane
Concen: 2.32 ug/L
RT: 4.73 min Scan# 1131
Delta R.T. -0.01 min
Lab File: VV008684.D
Acq: 20 Nov 2018 19:26

Instrument :
MSVOA_V
ClientSampleId :
E3YA3MS

Tgt Ion	Ratio	Resp	Lower	Upper
56	100	8573		
69	29.7	0.0	0.0	0.0
84	70.4	0.0	0.0	0.0

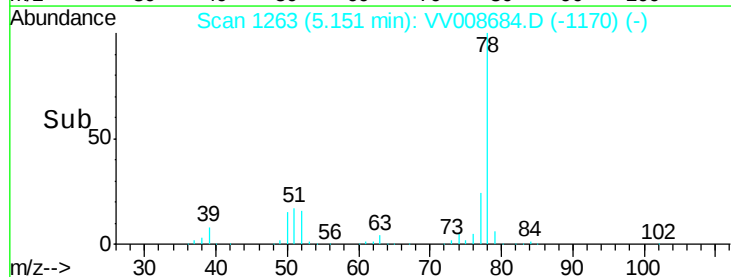
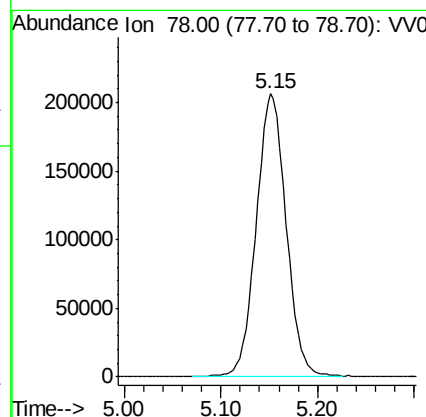
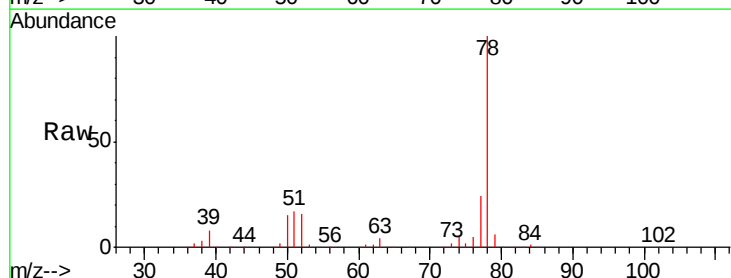
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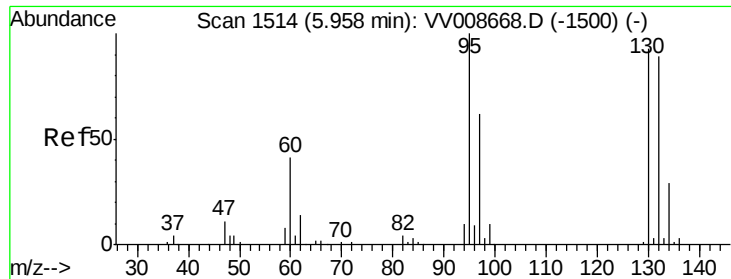
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#33
Benzene
Concen: 50.62 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV008684.D
Acq: 20 Nov 2018 19:26

Tgt Ion: 78 Resp: 443960





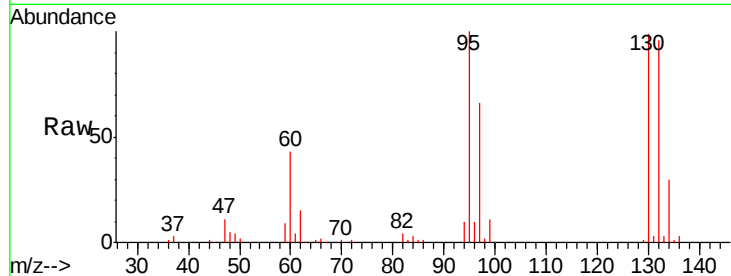
#34
 Trichloroethene
 Concen: 47.86 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV008684.D
 Acq: 20 Nov 2018 19:26

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YA3MS

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	111252		
97	65.6	43.8	81.3	
132	95.7	58.3	108.3	
130	98.8	60.3	112.1	

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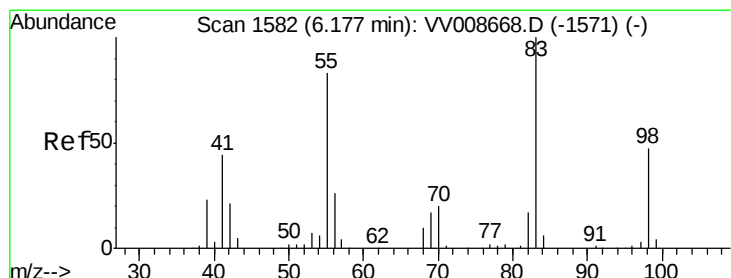
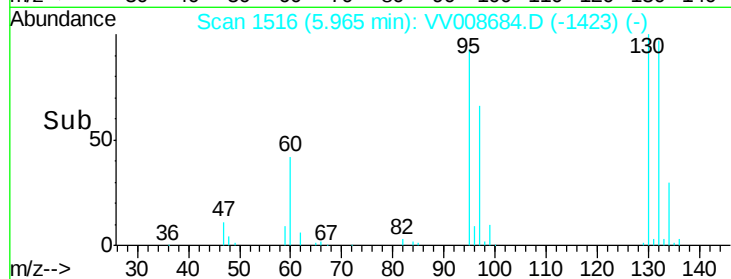
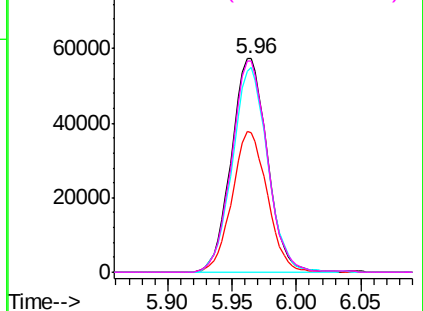


Abundance Ion 95.00 (94.70 to 95.70): VV008668.D (-1500) (-)

Ion 97.00 (96.70 to 97.70): VV008668.D (-1500) (-)

Ion 132.00 (131.70 to 132.70): VV008668.D (-1500) (-)

Ion 130.00 (129.70 to 130.70): VV008668.D (-1500) (-)



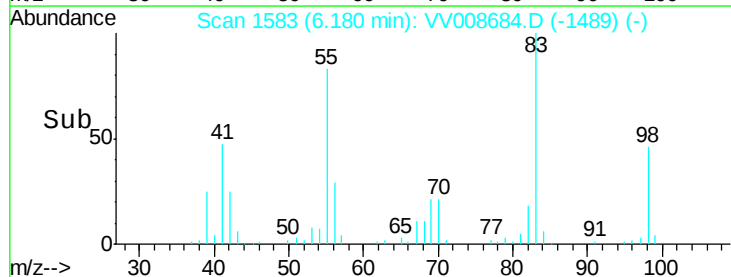
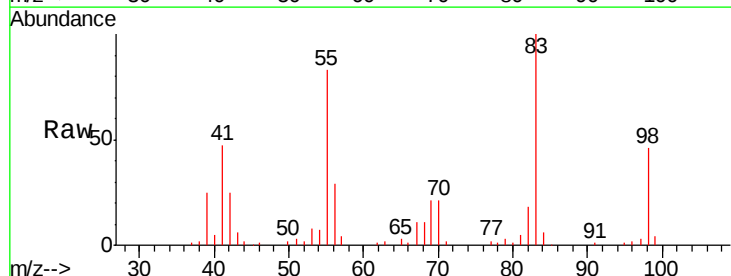
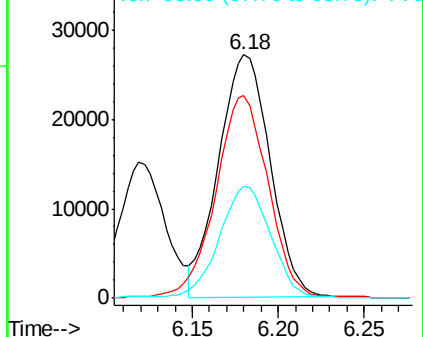
#35
 Methylcyclohexane
 Concen: 14.74 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VV008684.D
 Acq: 20 Nov 2018 19:26

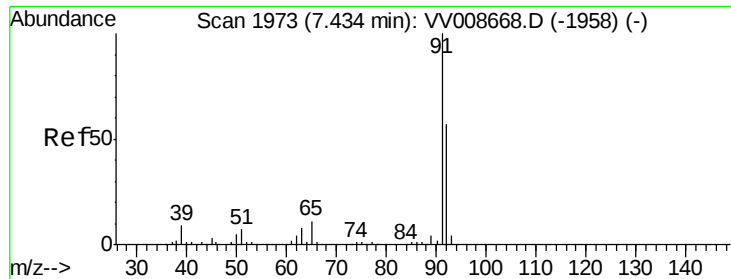
Tgt Ion	Ratio	Resp	Lower	Upper
83	100	56571		
55	85.4	63.0	94.6	
98	46.3	35.4	53.0	

Abundance Ion 83.00 (82.70 to 83.70): VV008668.D (-1571) (-)

Ion 55.00 (54.70 to 55.70): VV008668.D (-1571) (-)

Ion 98.00 (97.70 to 98.70): VV008668.D (-1571) (-)





#42

Toluene

Concen: 2200.74 ug/L m

RT: 7.44 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VV008684.D

Acq: 20 Nov 2018 19:26

Instrument :

MSVOA_V

ClientSampleId :

E3YA3MS

Tgt Ion: 91 Resp:20073850

Ion Ratio Lower Upper

91 100

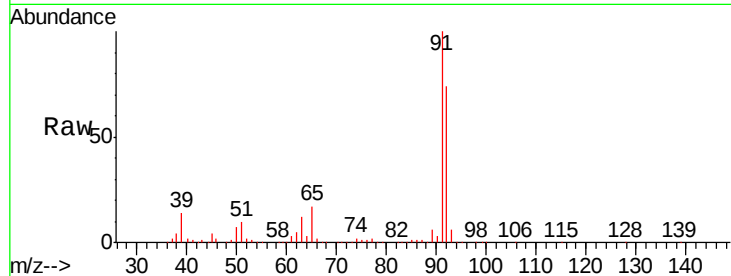
92 74.2 41.6 77.2

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Abundance Ion 91.00 (90.70 to 91.70): VV008668.D (-1958) (-)

Ion 92.00 (91.70 to 92.70): VV008668.D (-1958) (-)

8000000

6000000

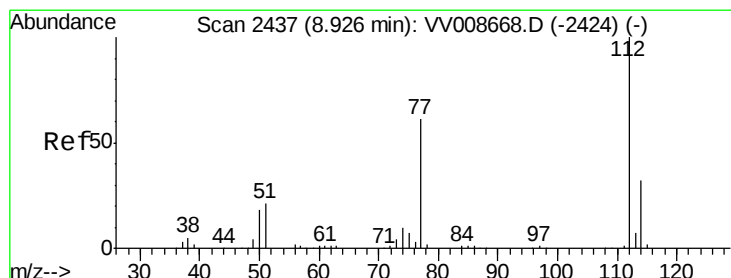
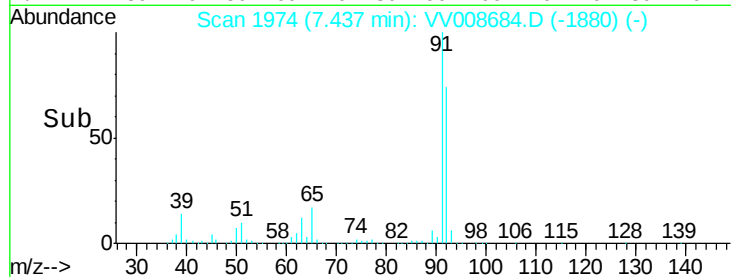
4000000

2000000

0

7.30 7.40 7.50 7.60

Time-->



#51

Chlorobenzene

Concen: 49.83 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. 0.00 min

Lab File: VV008684.D

Acq: 20 Nov 2018 19:26

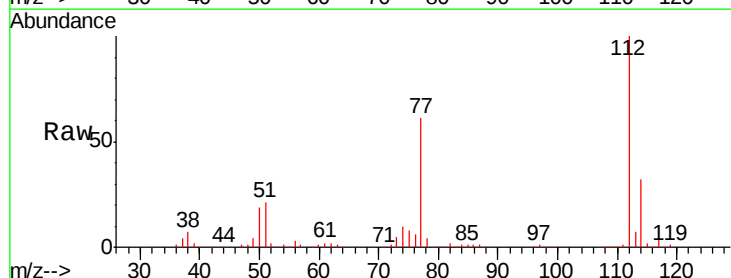
Tgt Ion:112 Resp: 289164

Ion Ratio Lower Upper

112 100

114 31.8 22.9 42.5

77 61.3 53.8 80.6



Abundance Ion 112.00 (111.70 to 112.70): VV008668.D (-2424) (-)

Ion 114.00 (113.70 to 114.70): VV008668.D (-2424) (-)

Ion 77.00 (76.70 to 77.70): VV008668.D (-2424) (-)

200000

150000

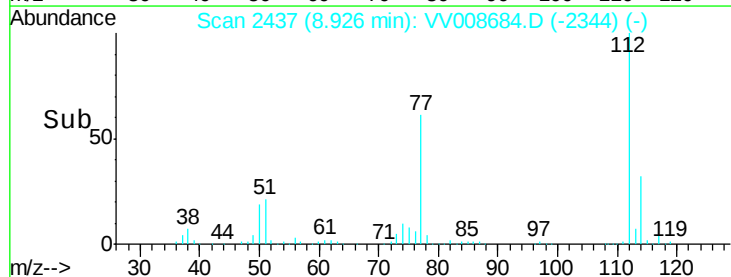
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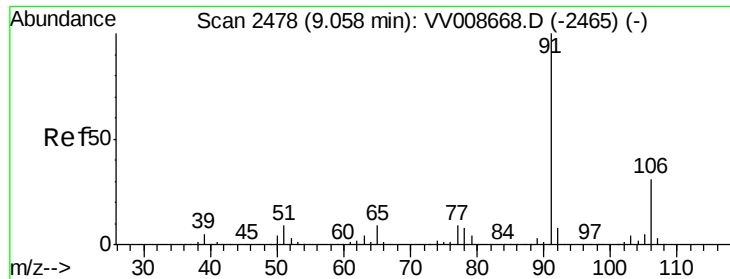
50000

0

8.85 8.90 8.95 9.00 9.05

Time-->





#52

Ethylbenzene

Concen: 66.03 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. 0.00 min

Lab File: VV008684.D

Acq: 20 Nov 2018 19:26

Tgt Ion: 91 Resp: 660788

Ion Ratio Lower Upper

91 100

106 31.0 21.2 39.4

Instrument :

MSVOA_V

ClientSampled :

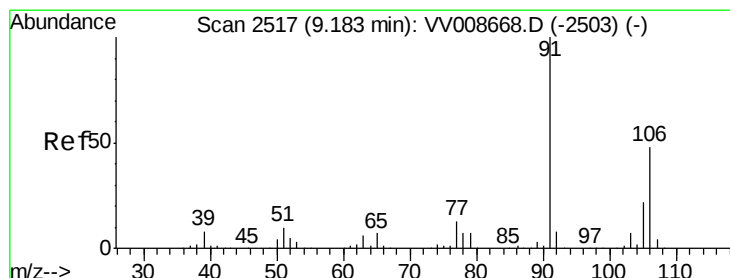
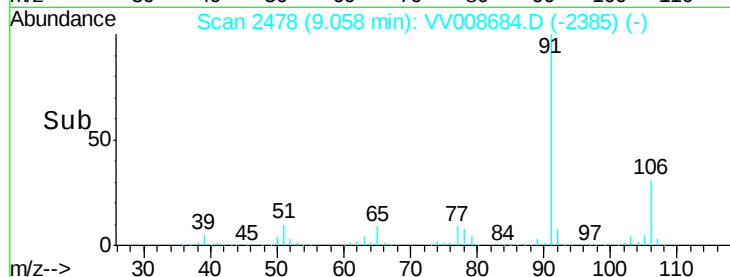
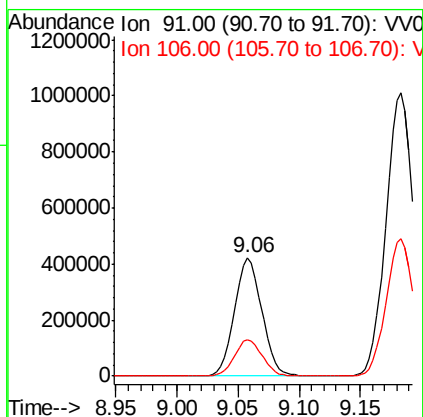
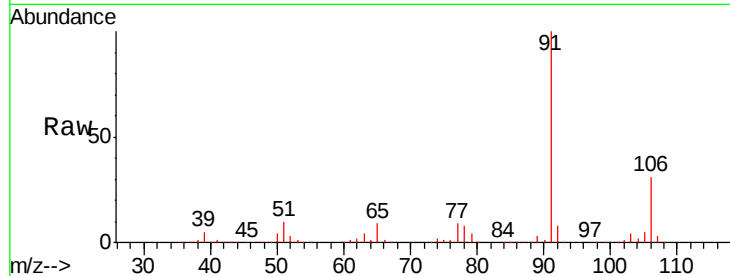
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#53

m,p-Xylene

Concen: 212.58 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.00 min

Lab File: VV008684.D

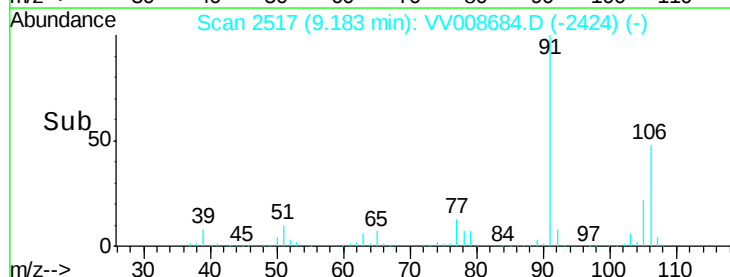
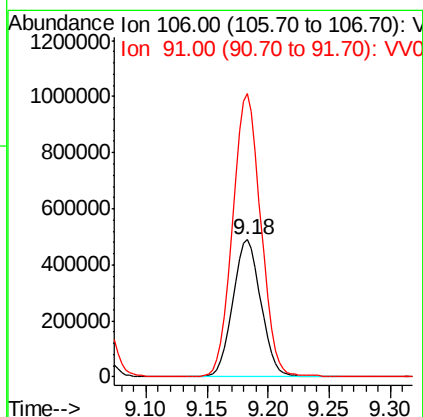
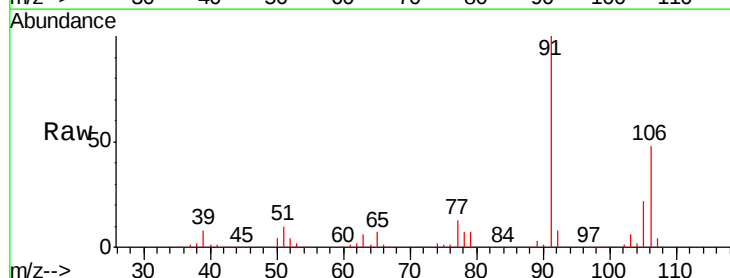
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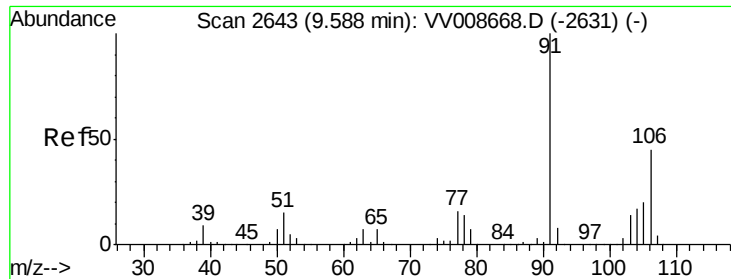
Tgt Ion: 106 Resp: 781764

Ion Ratio Lower Upper

106 100

91 206.8 154.7 287.3





#54

o-xylene

Concen: 66.33 ug/L

RT: 9.59 min Scan# 2643

Delta R.T. 0.00 min

Lab File: VV008684.D

Acq: 20 Nov 2018 19:26

Instrument :

MSVOA_V

ClientSampleId :

E3YA3MS

Tgt Ion:106 Resp: 242575

Ion Ratio Lower Upper

106 100

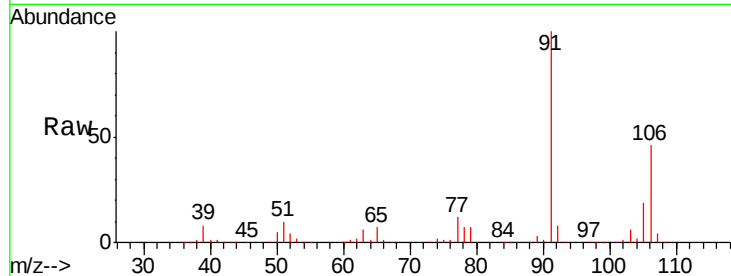
91 218.6 146.7 272.5

Manual Integrations

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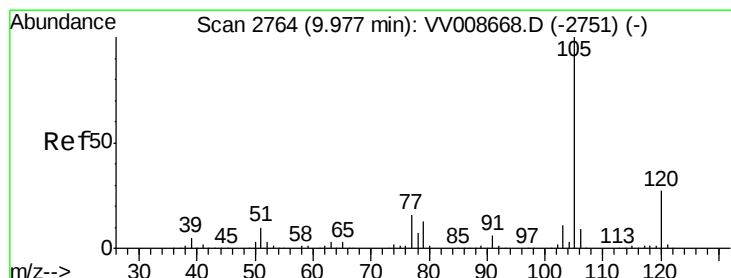
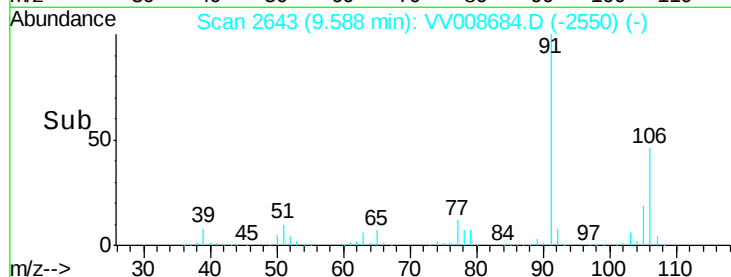
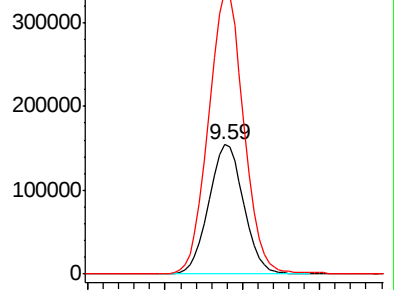
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#56

Isopropylbenzene

Concen: 1.88 ug/L

RT: 9.98 min Scan# 2764

Delta R.T. 0.00 min

Lab File: VV008684.D

Acq: 20 Nov 2018 19:26

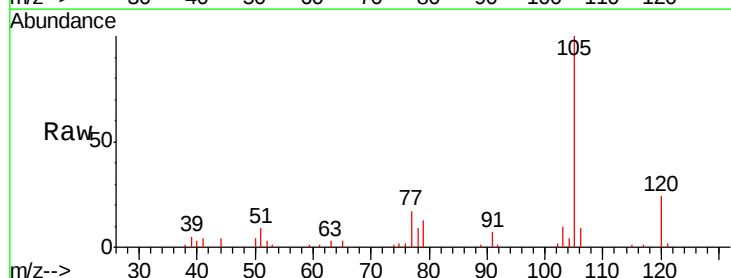
Tgt Ion:105 Resp: 18093

Ion Ratio Lower Upper

105 100

120 24.5 20.5 30.7

77 17.1 12.8 19.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VV0

