

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112018\
 Data File : VV008674.D
 Acq On : 20 Nov 2018 15:28
 Operator : SY/MD
 Sample : J5997-03 50X
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YA3

Manual Integrations
 APPROVED

apatel
 11/21/2018 11:56:23 AM

Quant Time: Nov 21 07:35:55 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	5.66	114	286329	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	262499	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	121285	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89910	44.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.02%
7) Chloroethane-d5	1.57	69	38972	35.32	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.64%
11) 1,1-Dichloroethene-d2	2.13	63	118382	35.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.02%
21) 2-Butanone-d5	3.94	46	141184	85.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.75%
24) Chloroform-d	4.40	84	178192	43.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.10%
26) 1,2-Dichloroethane-d4	5.08	65	117941	45.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.14%
32) Benzene-d6	5.10	84	381899	46.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.54%
36) 1,2-Dichloropropane-d6	6.12	67	118478	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.84%
41) Toluene-d8	7.36	98	346204	47.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.48%
43) trans-1,3-Dichloropropene-	7.67	79	47835	41.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.80%
47) 2-Hexanone-d5	8.14	63	103087	89.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	143152	41.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.24%
64) 1,2-Dichlorobenzene-d4	11.68	152	121553	45.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.82%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) cis-1,2-Dichloroethene	3.96	96	7736	3.36	ug/L	85
29) Cyclohexane	4.72	56	7892	2.22	ug/L	# 100
35) Methylcyclohexane	6.18	83	57396	15.54	ug/L	97
42) Toluene	7.43	91	19463422m	2217.73	ug/L	
52) Ethylbenzene	9.06	91	627256	65.14	ug/L	99
53) m,p-Xylene	9.18	106	741407	209.53	ug/L	91
54) o-xylene	9.59	106	228998	65.08	ug/L	95
56) Isopropylbenzene	9.98	105	17251	1.86	ug/L	97

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

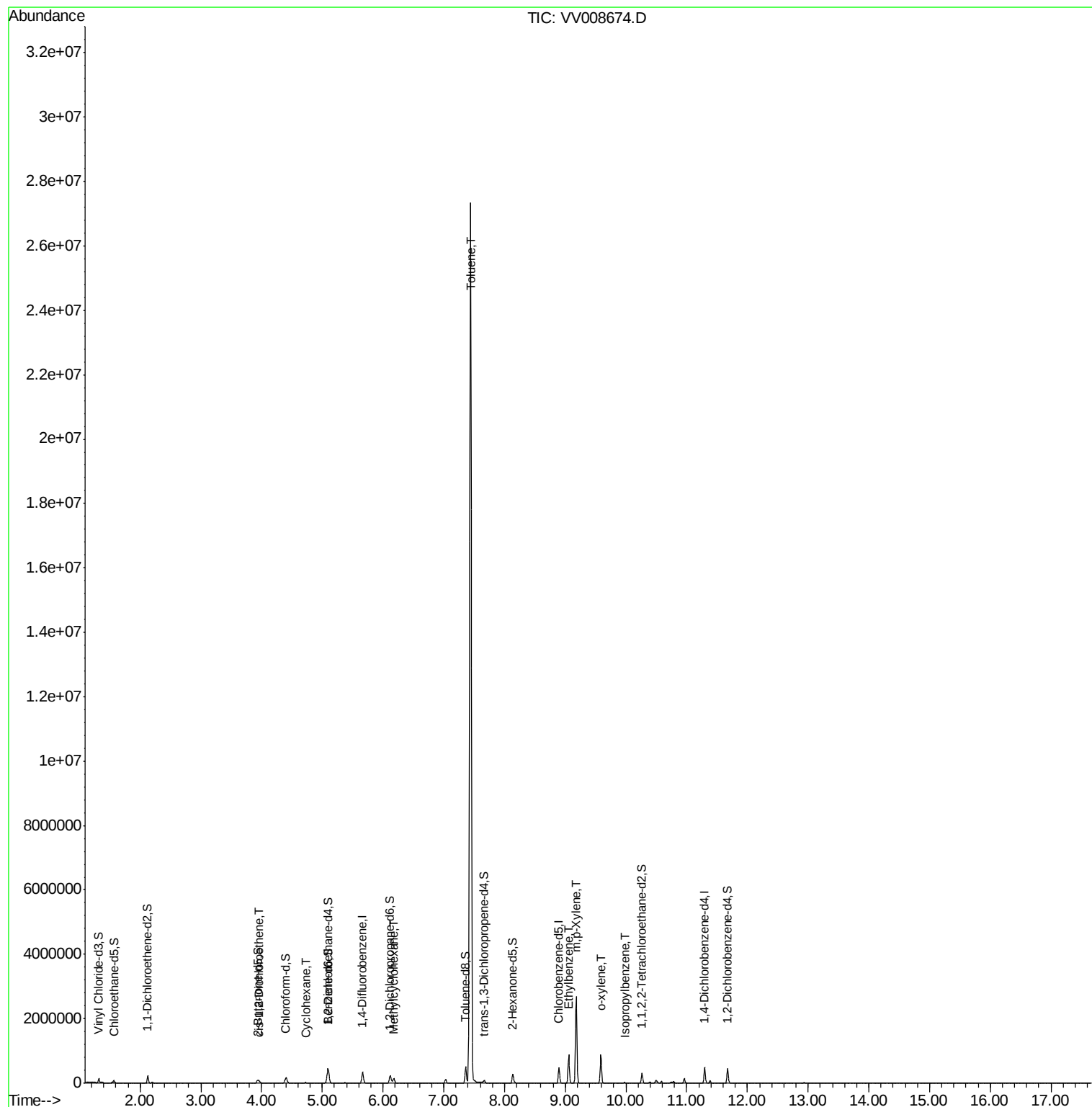
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV112018\
Data File : VV008674.D
Acq On : 20 Nov 2018 15:28
Operator : SY/MD
Sample : J5997-03 50X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

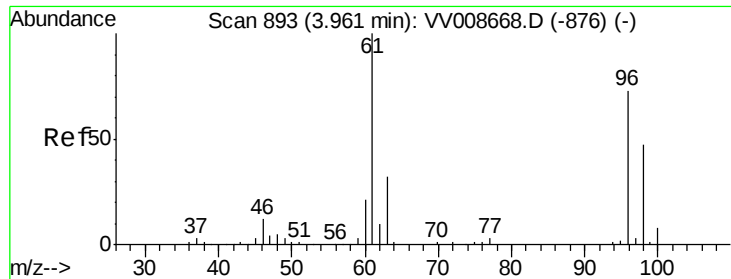
Instrument :
MSVOA_V
ClientSampleId :
E3YA3

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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





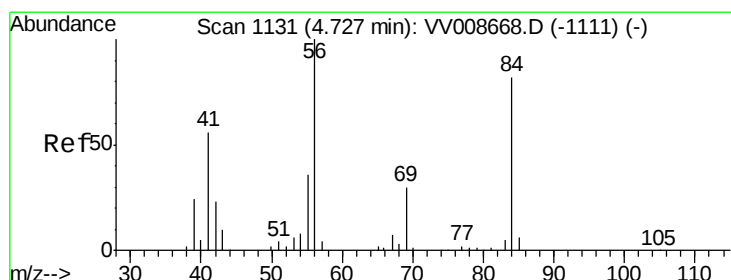
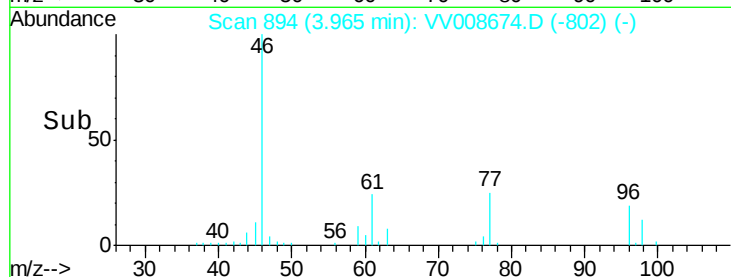
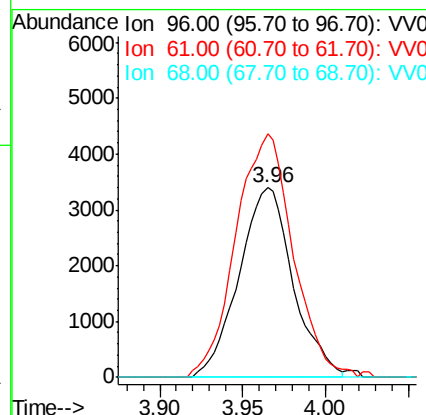
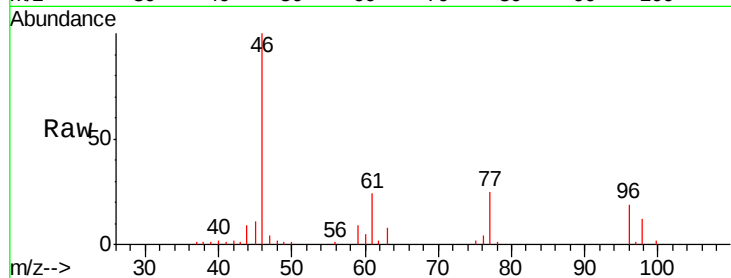
#20
 cis-1,2-Dichloroethene
 Concen: 3.36 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: VV008674.D
 Acq: 20 Nov 2018 15:28

Instrument :
 MSVOA_V
 ClientSampled :
 E3YA3

Tgt Ion	Ratio	Lower	Upper
96	100		
61	128.7	78.8	146.3
68	0.0	0.0	0.0

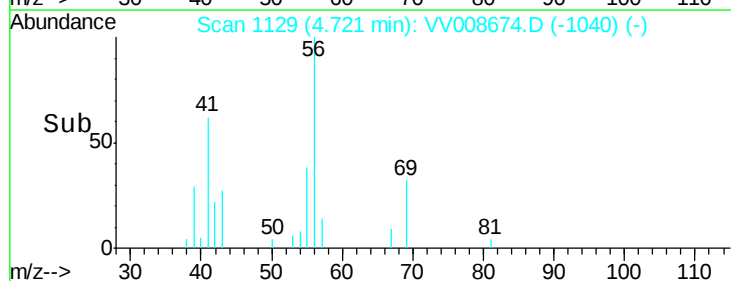
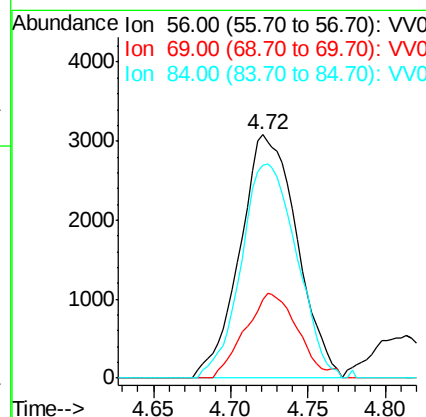
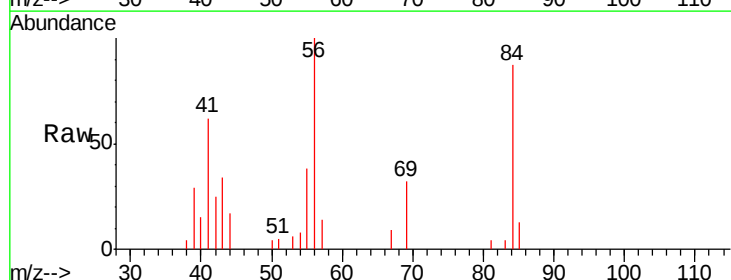
Manual Integrations
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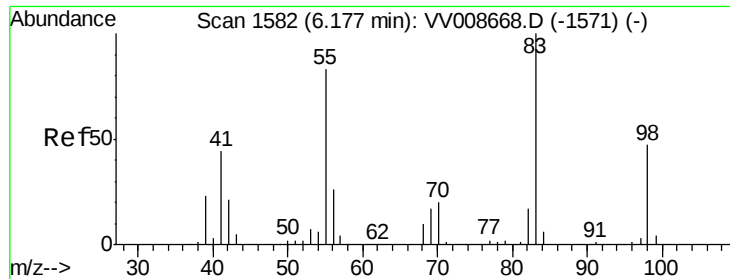
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#29
 Cyclohexane
 Concen: 2.22 ug/L
 RT: 4.72 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: VV008674.D
 Acq: 20 Nov 2018 15:28

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.9	0.0	0.0#
84	85.9	0.0	0.0#





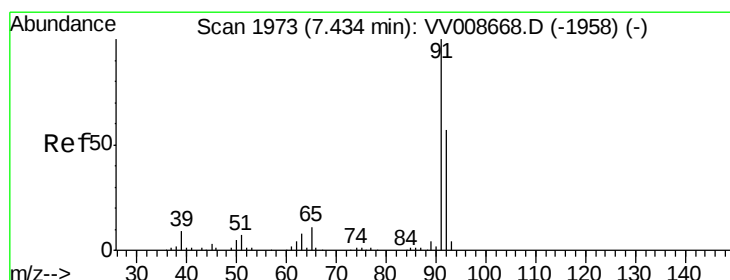
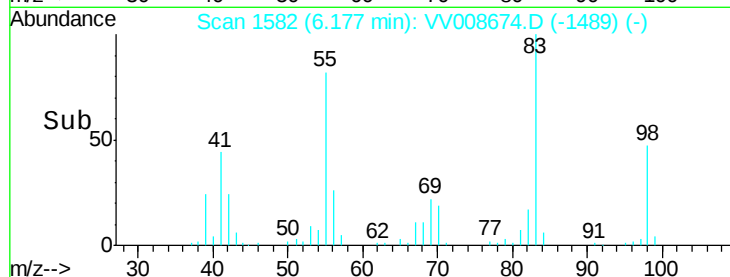
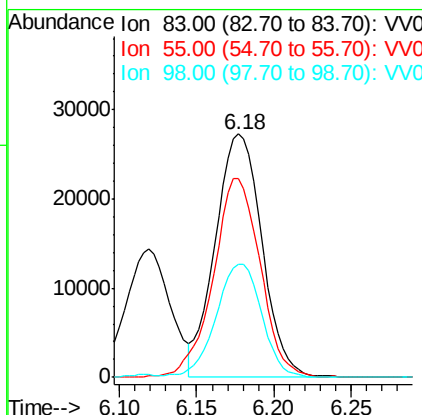
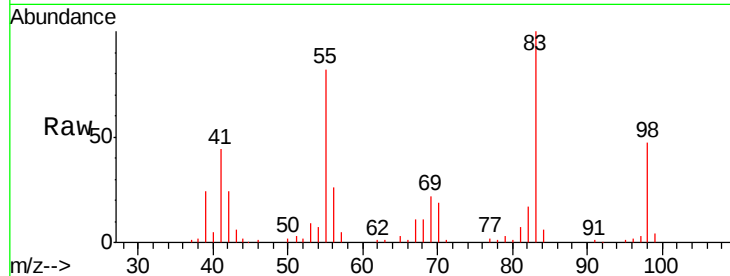
#35
Methylcyclohexane
Concen: 15.54 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VV008674.D
Acq: 20 Nov 2018 15:28

Instrument :
MSVOA_V
ClientSampled :
E3YA3

Tgt Ion	Ratio	Lower	Upper
83	100		
55	81.9	63.0	94.6
98	45.0	35.4	53.0

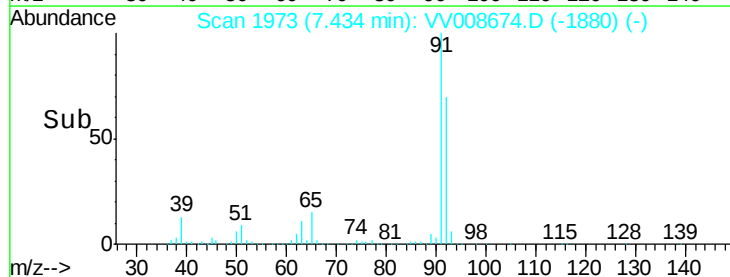
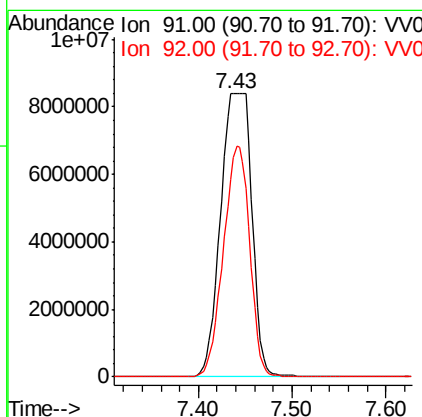
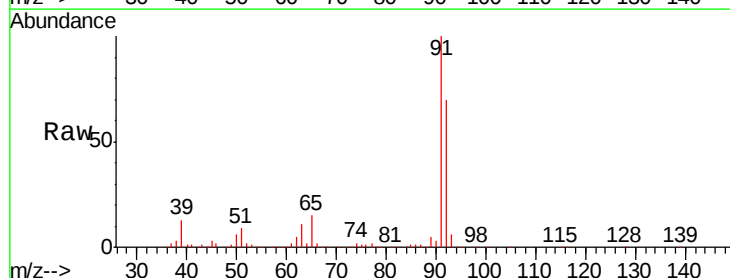
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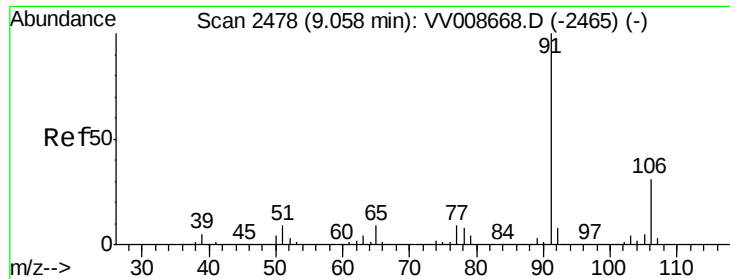
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#42
Toluene
Concen: 2217.73 ug/L m
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV008674.D
Acq: 20 Nov 2018 15:28

Tgt Ion	Ratio	Lower	Upper
91	100		
92	69.9	41.6	77.2





#52

Ethylbenzene

Concen: 65.14 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. 0.00 min

Lab File: VV008674.D

Acq: 20 Nov 2018 15:28

Instrument :

MSVOA_V

ClientSampleId :

E3YA3

Tgt Ion: 91 Resp: 627256

Ion Ratio Lower Upper

91 100

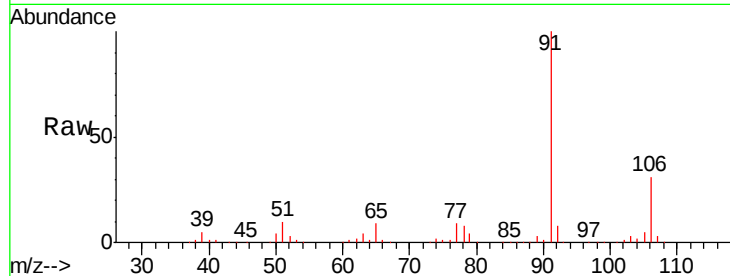
106 30.8 21.2 39.4

Manual Integrations

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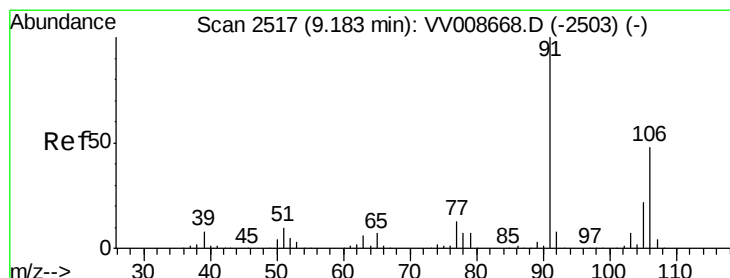
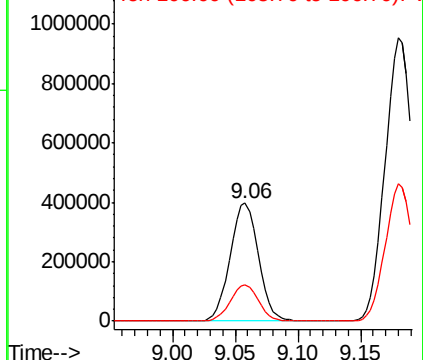
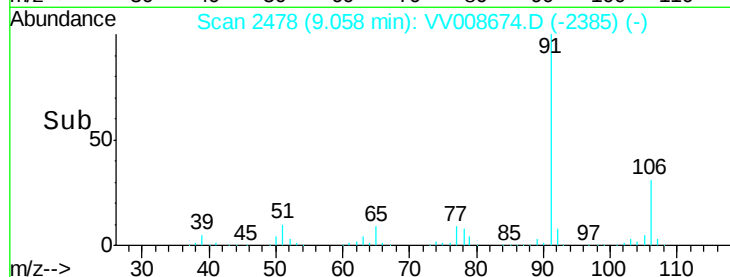
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Abundance Ion 91.00 (90.70 to 91.70): VV008674.D (-2385) (-)

Ion 106.00 (105.70 to 106.70): VV008674.D (-2385) (-)



#53

m,p-Xylene

Concen: 209.53 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. -0.00 min

Lab File: VV008674.D

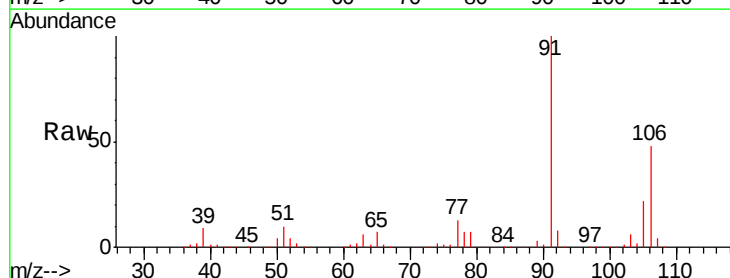
Acq: 20 Nov 2018 15:28

Tgt Ion: 106 Resp: 741407

Ion Ratio Lower Upper

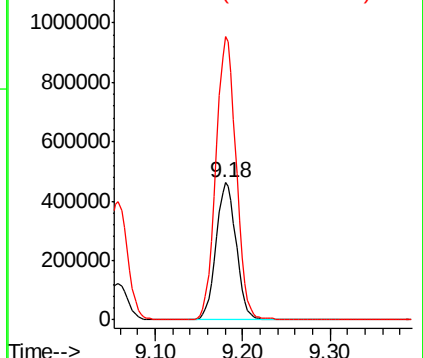
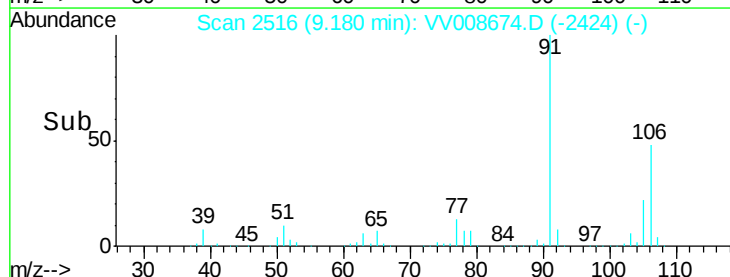
106 100

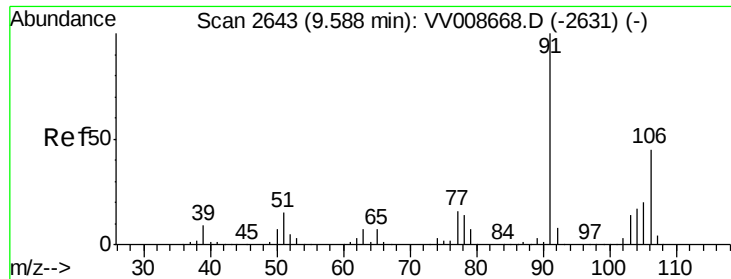
91 206.6 154.7 287.3



Abundance Ion 106.00 (105.70 to 106.70): VV008674.D (-2424) (-)

Ion 91.00 (90.70 to 91.70): VV008674.D (-2424) (-)





#54

o-xylene

Concen: 65.08 ug/L

RT: 9.59 min Scan# 2643

Delta R.T. 0.00 min

Lab File: VV008674.D

Acq: 20 Nov 2018 15:28

Instrument :

MSVOA_V

ClientSampleId :

E3YA3

Tgt Ion:106 Resp: 228998

Ion Ratio Lower Upper

106 100

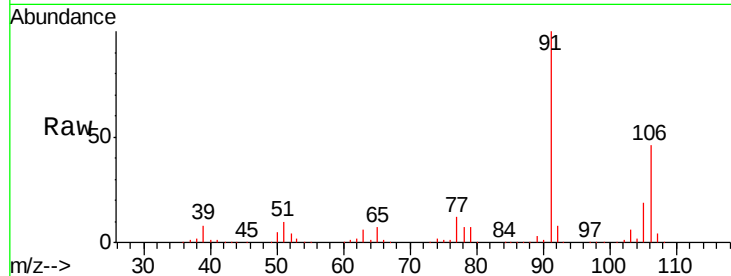
91 217.2 146.7 272.5

Manual Integrations

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

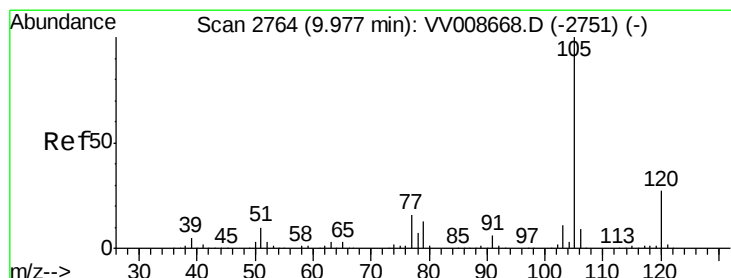
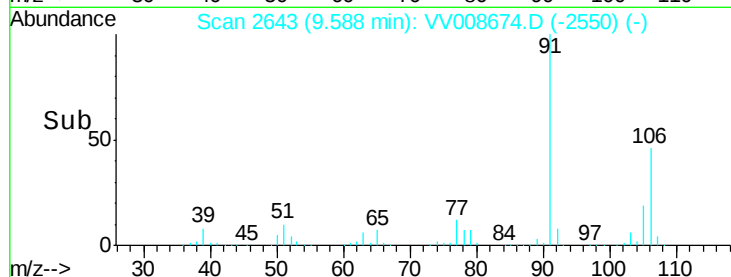
300000

200000

100000

0

Time-->



#56

Isopropylbenzene

Concen: 1.86 ug/L

RT: 9.98 min Scan# 2764

Delta R.T. 0.00 min

Lab File: VV008674.D

Acq: 20 Nov 2018 15:28

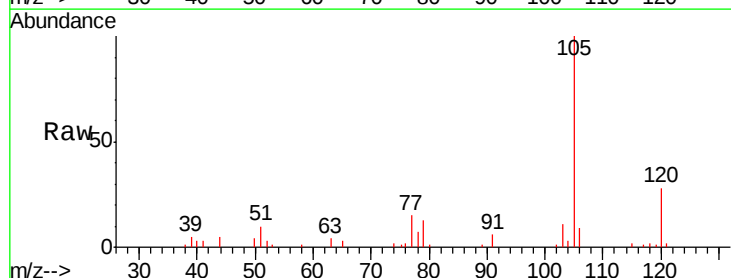
Tgt Ion:105 Resp: 17251

Ion Ratio Lower Upper

105 100

120 27.5 20.5 30.7

77 16.9 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

15000

10000

5000

0

Time-->

