

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016913.D
 Acq On : 13 Jun 2020 05:40
 Operator : SY/MD
 Sample : L2990-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YG9

Manual Integrations
 APPROVED

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 6/15/2020 12:23:21 PM

Quant Time: Jun 13 07:25:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 06:09:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.65	114	367136	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	346633	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	186248	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	104777	40.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.90%
7) Chloroethane-d5	1.57	69	65217	41.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.92%
11) 1,1-Dichloroethene-d2	2.12	63	161796	37.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.38%
21) 2-Butanone-d5	3.90	46	174544	91.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.03%
24) Chloroform-d	4.37	84	228741	43.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.84%
26) 1,2-Dichloroethane-d4	5.06	65	176545	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.54%
32) Benzene-d6	5.08	84	437736	43.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.62%
36) 1,2-Dichloropropane-d6	6.10	67	136021	43.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.34%
41) Toluene-d8	7.38	98	417295	45.51	ug/L	0.04
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.02%
43) trans-1,3-Dichloropropene-	7.66	79	70556	43.49	ug/L	0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.98%
47) 2-Hexanone-d5	8.11	63	117652	86.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.64%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	176470	42.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	181536	45.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.34%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
29) Cyclohexane	4.70	56	3586	0.833	ug/L #	84
30) 1,1,1-Trichloroethane	4.63	97	16565	3.747	ug/L	96
34) Trichloroethene	5.94	95	2777m	1.010	ug/L	
35) Methylcyclohexane	6.16	83	91625	21.234	ug/L #	75
42) Toluene	7.41	91	70824482m	6550.776	ug/L	
46) Tetrachloroethene	8.01	164	11473	5.304	ug/L	95
52) Ethylbenzene	9.04	91	4164896	347.791	ug/L	99
53) m,p-Xylene	9.16	106	2248013	504.177	ug/L	98
54) o-xylene	9.57	106	310778	70.672	ug/L	97
56) Isopropylbenzene	9.95	105	25266	2.138	ug/L	98

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

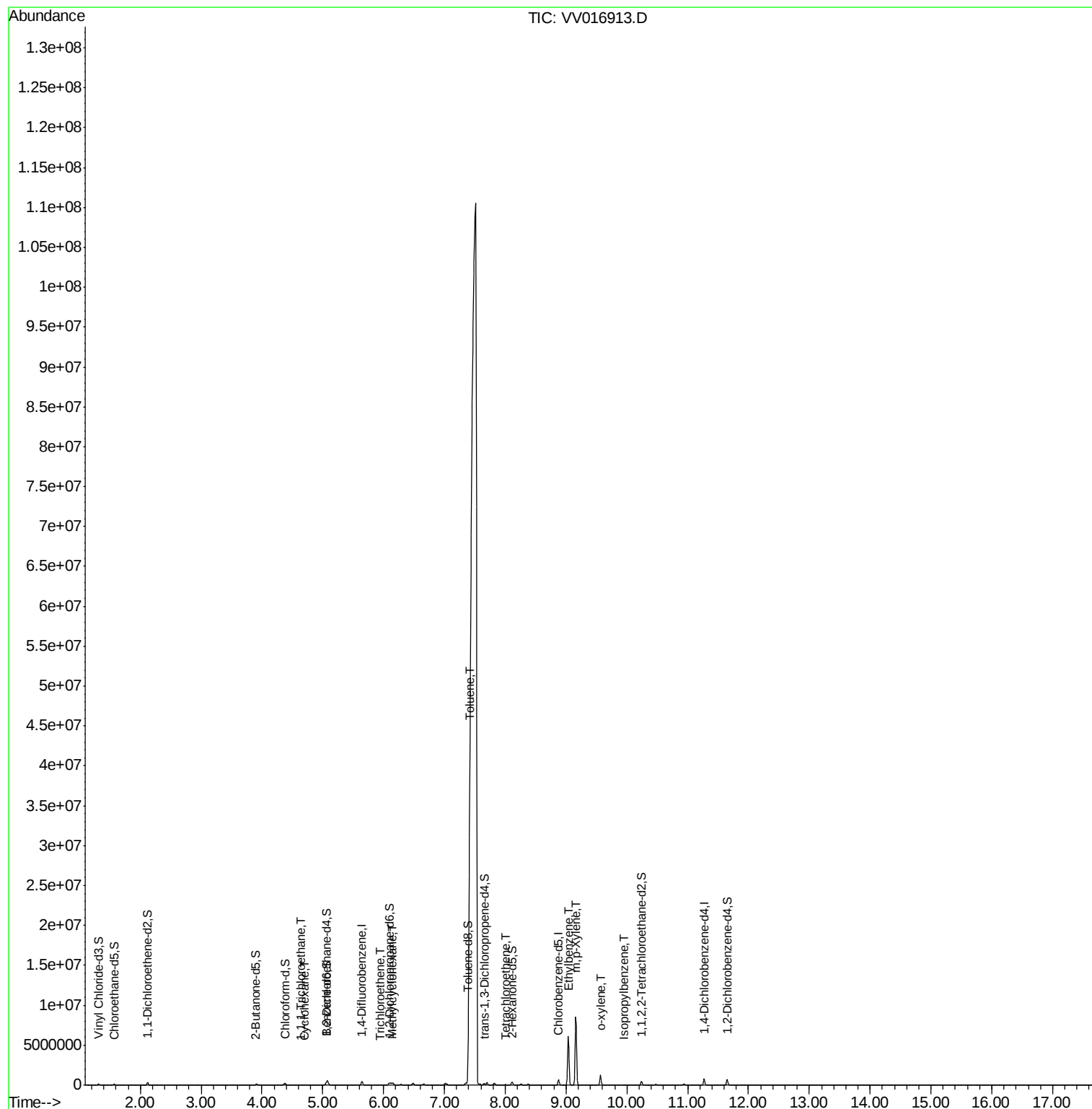
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
Data File : VV016913.D
Acq On : 13 Jun 2020 05:40
Operator : SY/MD
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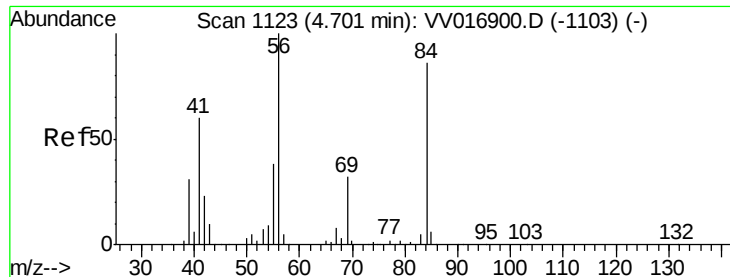
Instrument :
MSVOA_V
ClientSampleId :
E3YG9

Manual Integrations
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Response via : Initial Calibration





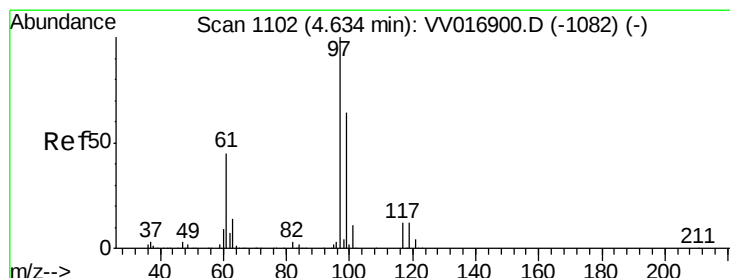
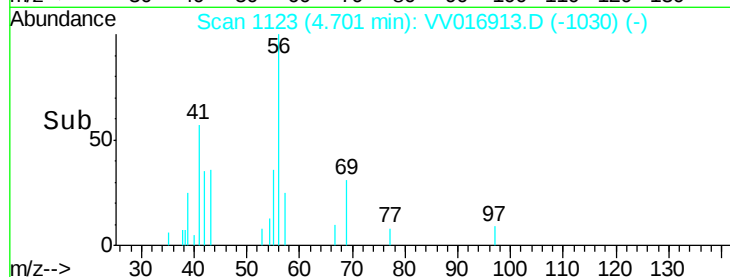
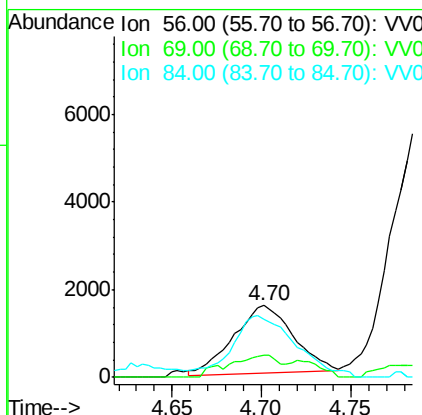
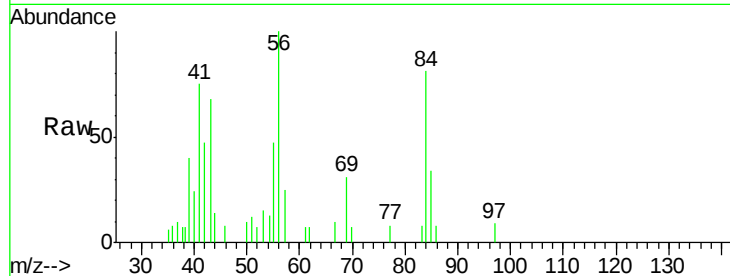
#29
Cyclohexane
Concen: 0.833 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VV016913.D
Acq: 13 Jun 2020 05:40

Instrument :
MSVOA_V
ClientSampled :
E3YG9

Tot Ion	Ratio	Lower	Upper
56	100		
69	15.3	25.0	37.4#
84	97.9	69.5	104.3

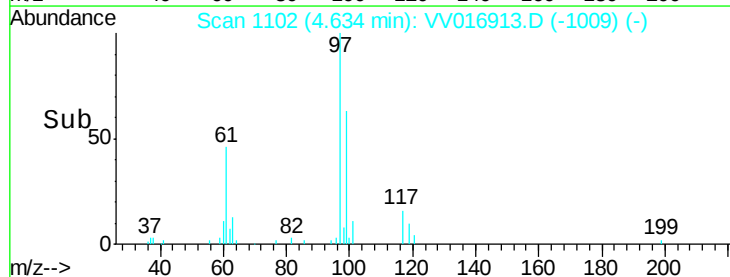
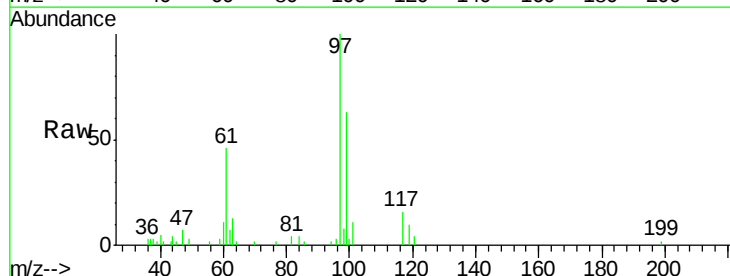
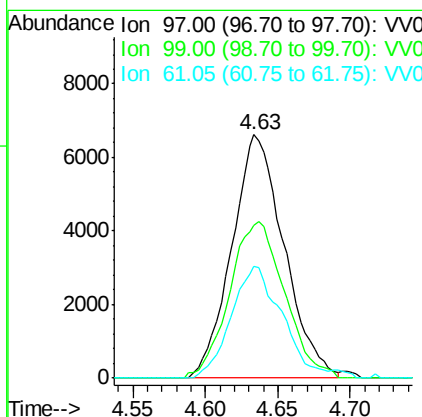
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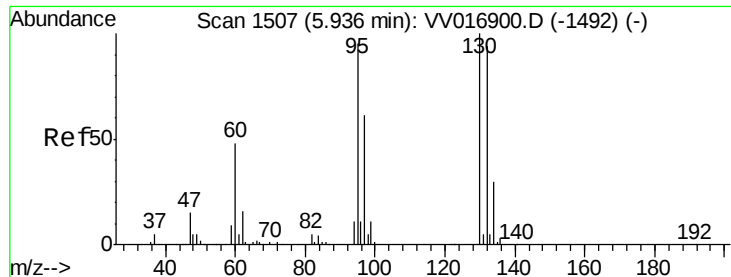
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#30
1,1,1-Trichloroethane
Concen: 3.747 ug/L
RT: 4.63 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VV016913.D
Acq: 13 Jun 2020 05:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	67.6	51.3	76.9
61	44.4	36.7	55.1





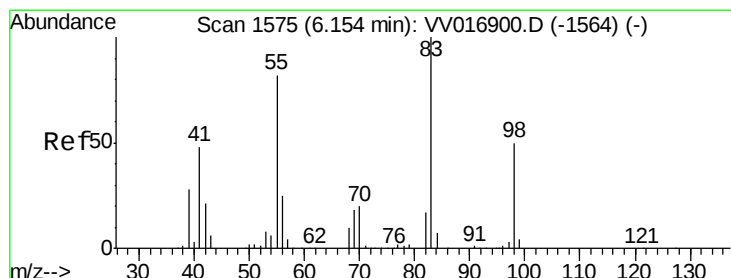
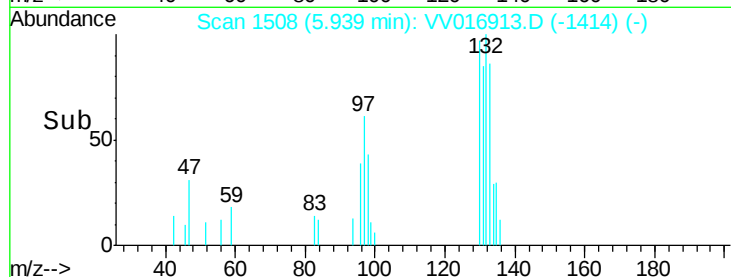
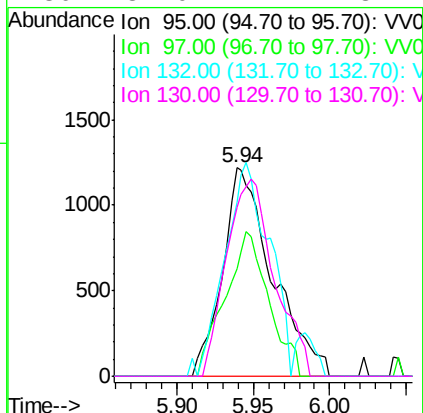
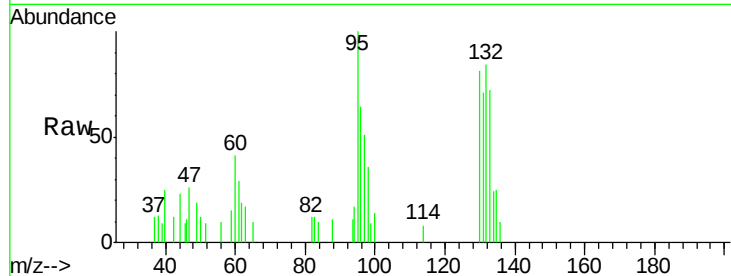
#34
 Trichloroethene
 Concen: 1.010 ug/L m
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV016913.D
 Acq: 13 Jun 2020 05:40

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YG9

Tot Ion:	95	Resp:	2777
Ion	Ratio	Lower	Upper
95	100		
97	51.4	44.3	82.3
132	83.8	67.9	126.1
130	81.0	72.2	134.2

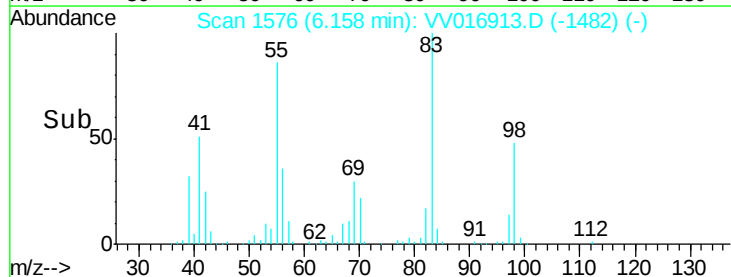
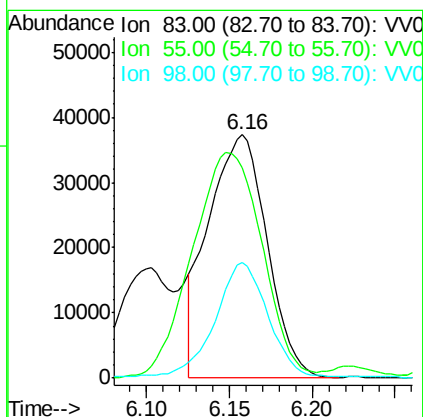
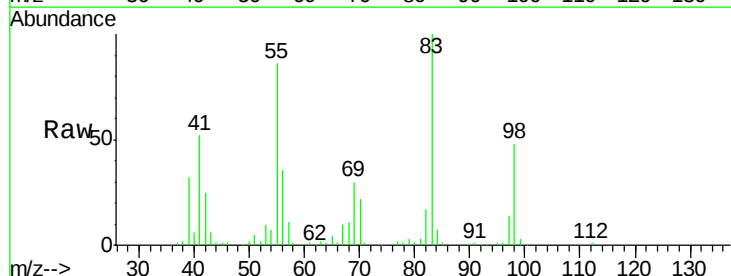
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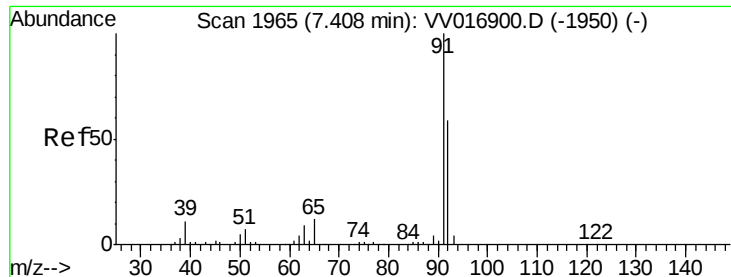
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#35
 Methylcyclohexane
 Concen: 21.234 ug/L
 RT: 6.16 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: VV016913.D
 Acq: 13 Jun 2020 05:40

Tgt Ion:	83	Resp:	91625
Ion	Ratio	Lower	Upper
83	100		
55	110.9	64.2	96.2#
98	44.2	40.3	60.5





#42

Toluene

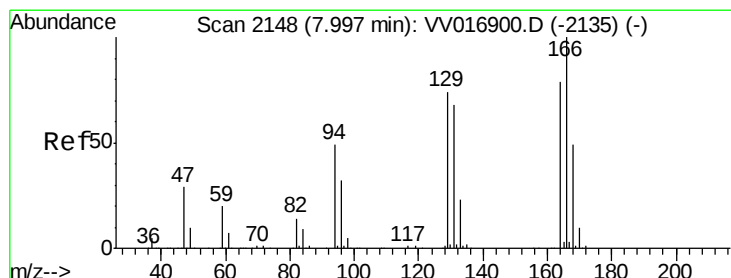
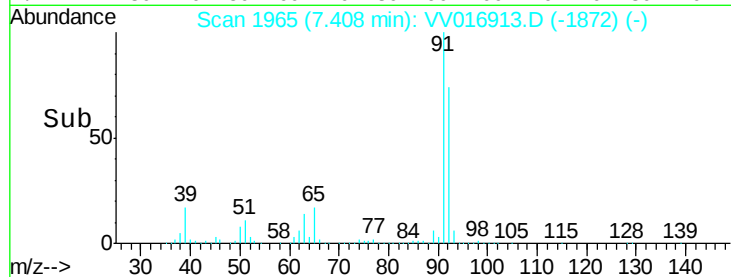
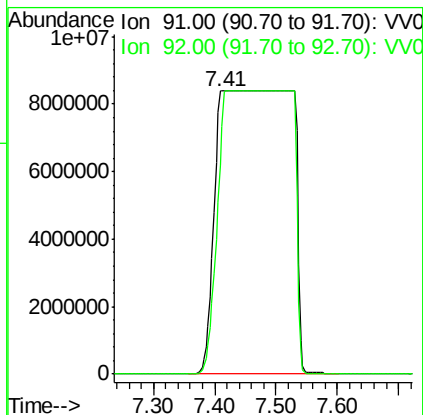
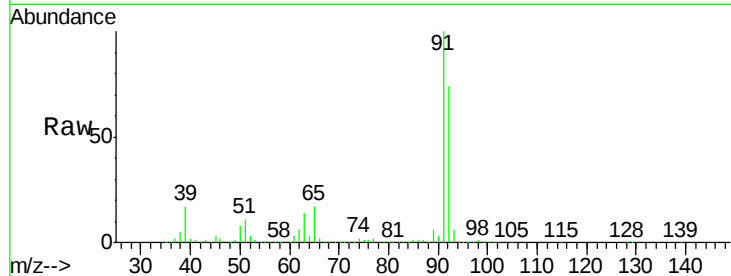
Concen: 6550.776 ug/L m
RT: 7.41 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VV016913.D
Acq: 13 Jun 2020 05:40

Instrument :
MSVOA_V
ClientSampleId :
E3YG9

Tot Ion: 91 Resp: 70824482
Ion Ratio Lower Upper
91 100
92 74.1 40.4 75.0

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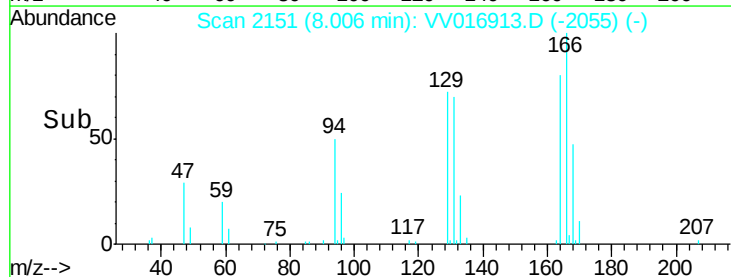
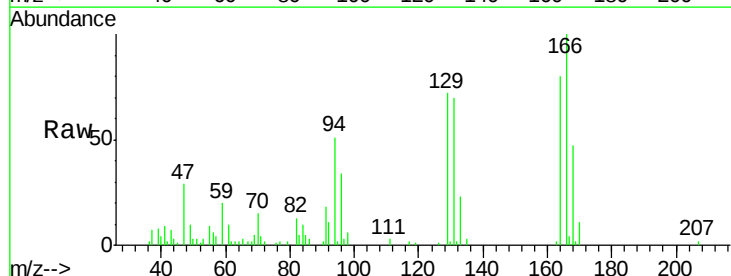
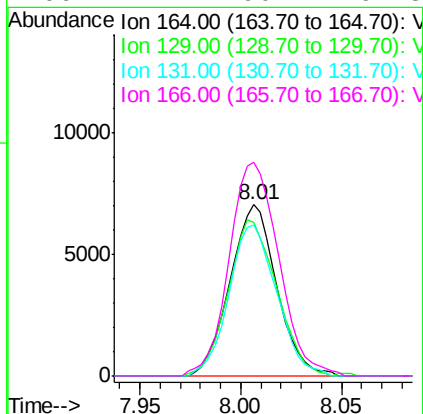


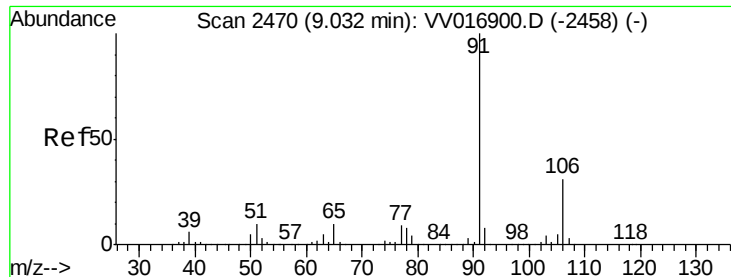
#46

Tetrachloroethene

Concen: 5.304 ug/L
RT: 8.01 min Scan# 2151
Delta R.T. 0.01 min
Lab File: VV016913.D
Acq: 13 Jun 2020 05:40

Tgt Ion: 164 Resp: 11473
Ion Ratio Lower Upper
164 100
129 89.7 67.0 124.4
131 87.9 64.8 120.3
166 124.7 90.4 167.8





#52

Ethylbenzene

Concen: 347.791 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016913.D

Acq: 13 Jun 2020 05:40

Instrument :

MSVOA_V

ClientSampleId :

E3YG9

Tot Ion: 91 Resp: 4164896

Ion Ratio Lower Upper

91 100

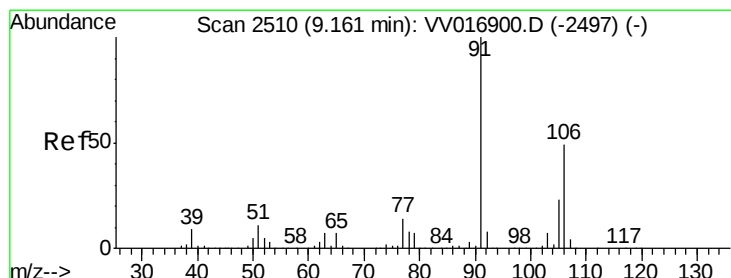
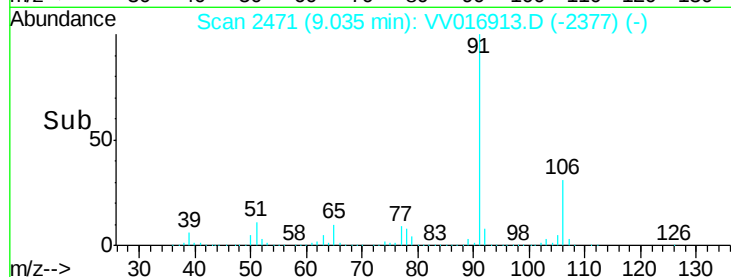
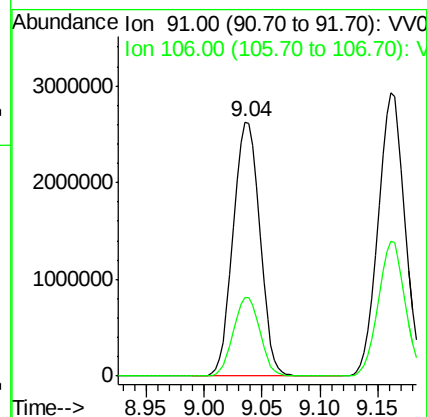
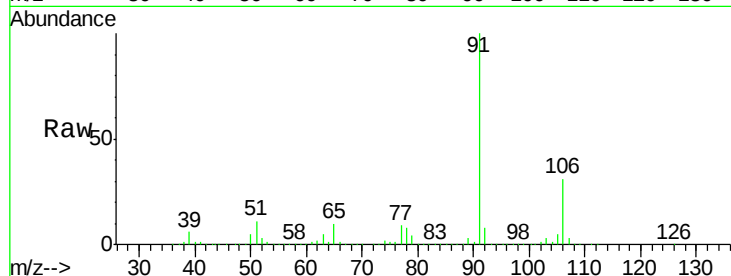
106 30.9 21.1 39.1

Manual Integrations

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#53

m,p-Xylene

Concen: 504.177 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VV016913.D

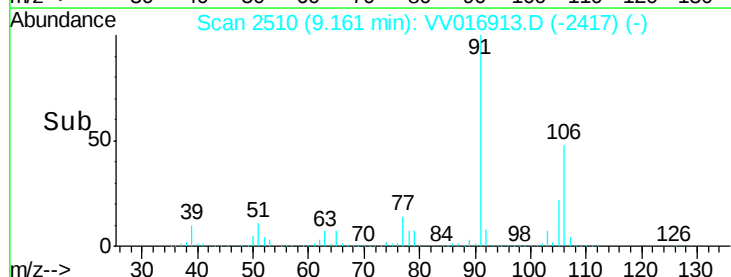
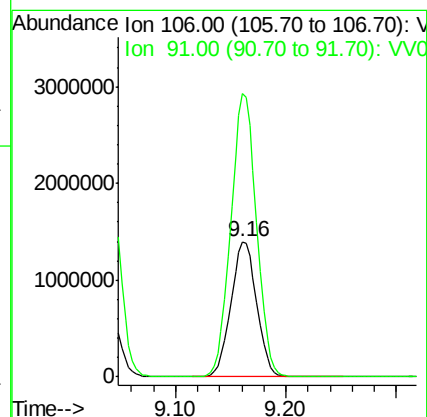
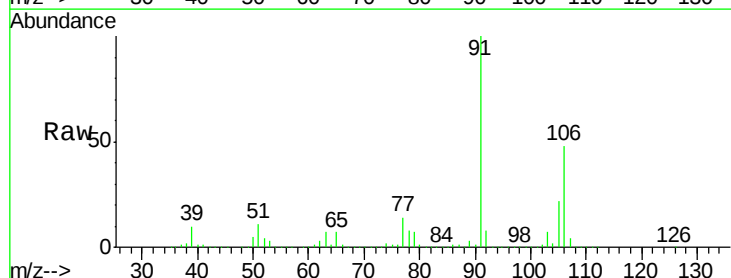
Acq: 13 Jun 2020 05:40

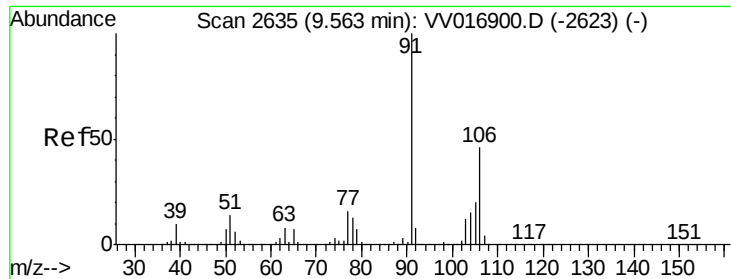
Tgt Ion: 106 Resp: 2248013

Ion Ratio Lower Upper

106 100

91 209.2 144.6 268.6





#54

o-xylene

Concen: 70.672 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016913.D

Acq: 13 Jun 2020 05:40

Instrument :

MSVOA_V

ClientSampleId :

E3YG9

Tot Ion:106 Resp: 310778

Ion Ratio Lower Upper

106 100

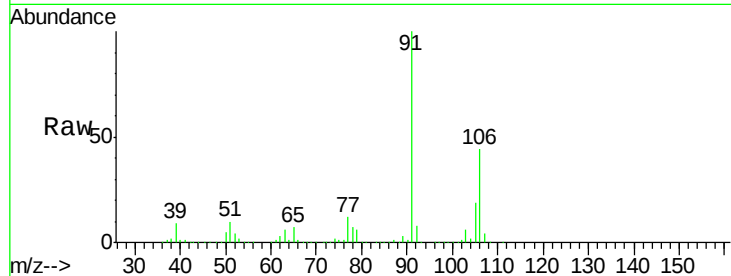
91 226.8 155.9 289.5

Manual Integrations

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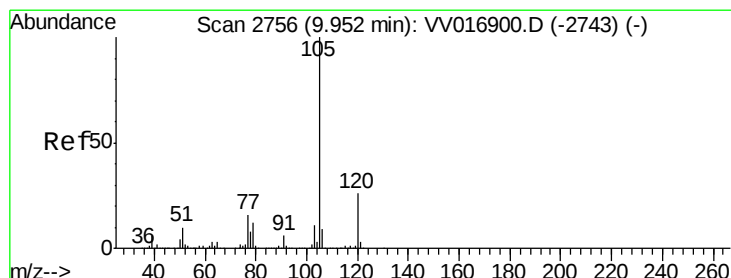
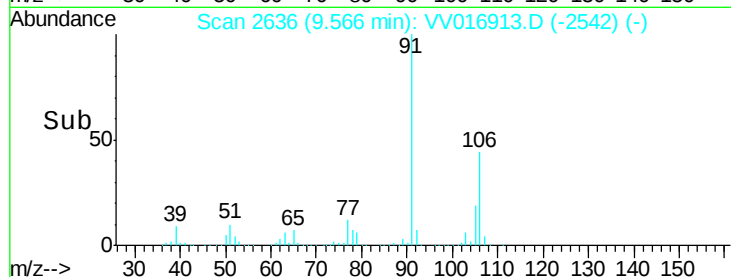
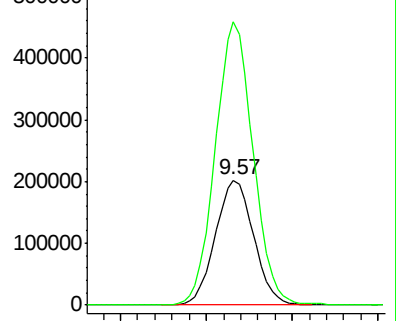
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#56

Isopropylbenzene

Concen: 2.138 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV016913.D

Acq: 13 Jun 2020 05:40

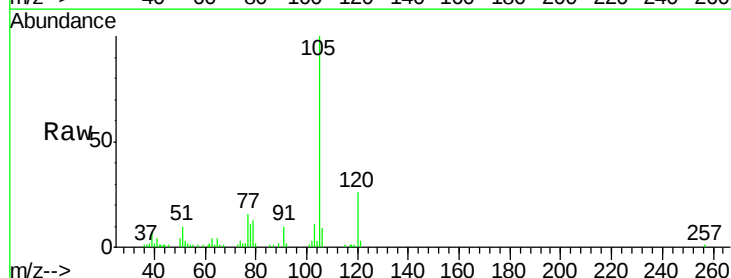
Tgt Ion:105 Resp: 25266

Ion Ratio Lower Upper

105 100

120 24.9 21.2 31.8

77 16.8 13.0 19.4



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

