

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016887.D
 Acq On : 12 Jun 2020 18:35
 Operator : SY/MD
 Sample : L2913-08 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9D95

Manual Integrations
 APPROVED

MMDadoda
 6/15/2020 12:22:34 PM

Quant Time: Jun 13 03:33:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 03:02:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	362134	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	340428	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	173185	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	97223	38.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.10%
7) Chloroethane-d5	1.56	69	74793	48.78	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.56%
11) 1,1-Dichloroethene-d2	2.12	63	140279	32.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.38%
21) 2-Butanone-d5	3.89	46	173065	91.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.51%
24) Chloroform-d	4.37	84	227925	43.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.74%
26) 1,2-Dichloroethane-d4	5.05	65	166018	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.94%
32) Benzene-d6	5.07	84	444958	45.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.68%
36) 1,2-Dichloropropane-d6	6.09	67	135320	44.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.48%
41) Toluene-d8	7.34	98	400353	44.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.92%
43) trans-1,3-Dichloropropene-	7.64	79	70978	44.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.10%
47) 2-Hexanone-d5	8.11	63	101575	76.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.17%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	177224	43.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	178074	48.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.36%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
29) Cyclohexane	4.70	56	5896m	1.394	ug/L	
33) Benzene	5.12	78	2215001	219.910	ug/L	100
42) Toluene	7.41	91	22063	2.078	ug/L	99
52) Ethylbenzene	9.03	91	91856	7.810	ug/L	97
53) m,p-Xylene	9.16	106	4713	1.076	ug/L	83
54) o-xylene	9.56	106	2712	0.628	ug/L	80

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

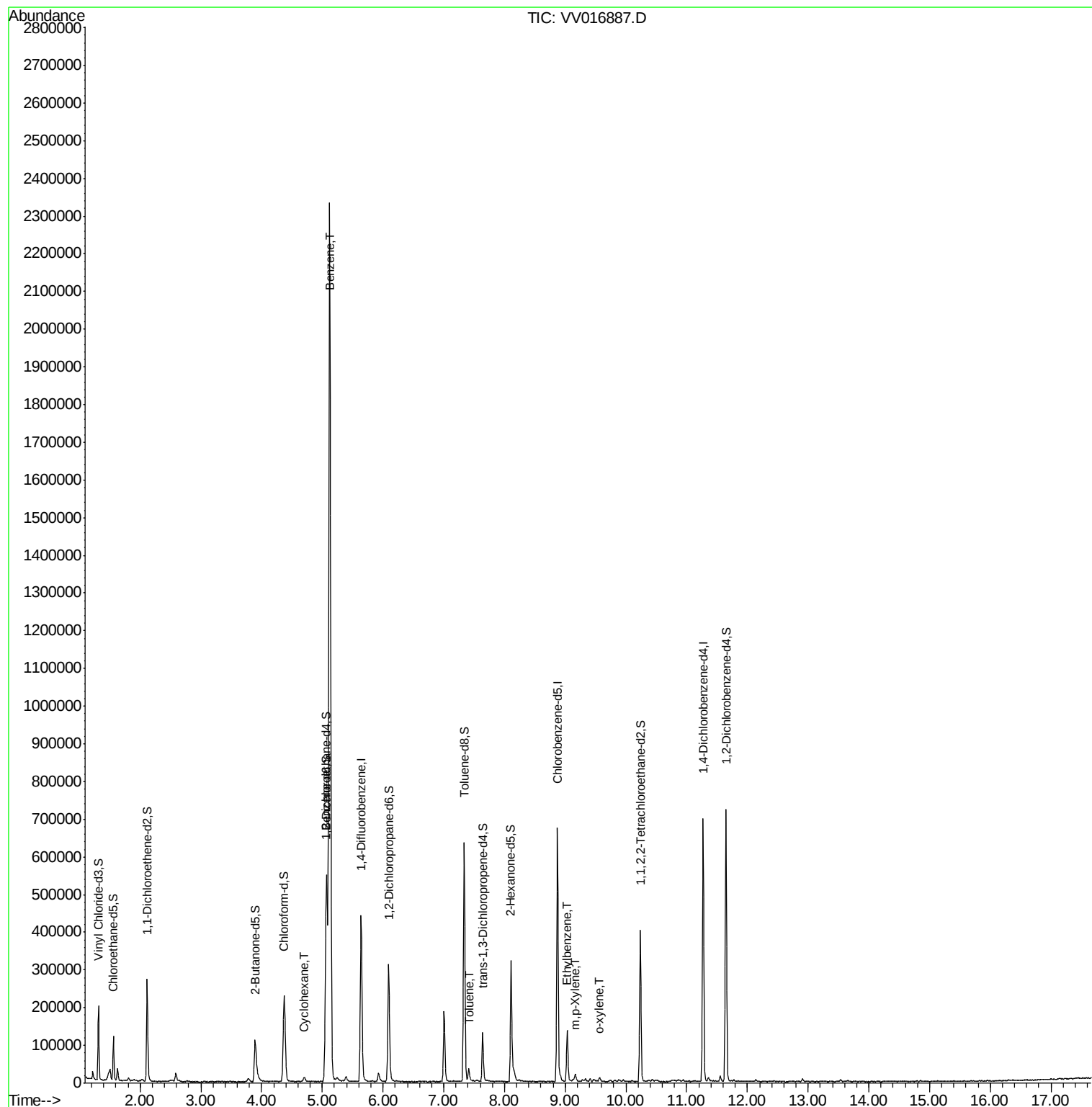
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV061220\
Data File : VV016887.D
Acq On : 12 Jun 2020 18:35
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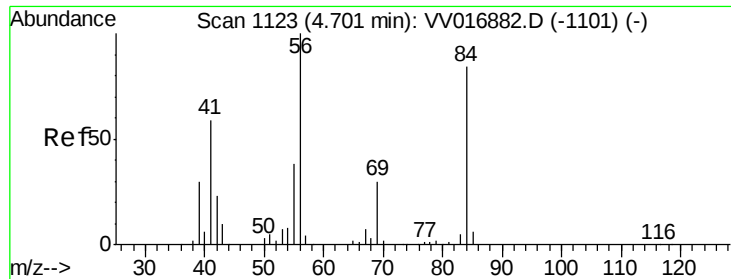
Instrument :
MSVOA_V
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Quant Time: Jun 13 03:33:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 13 03:02:20 2020
Response via : Initial Calibration





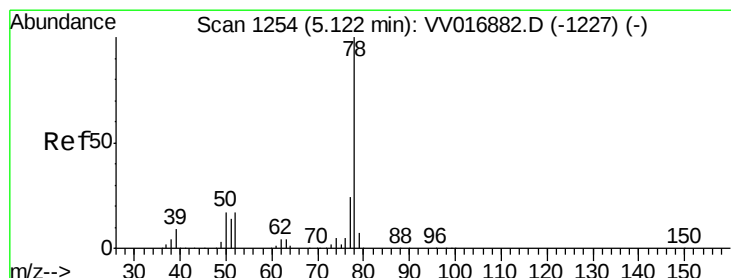
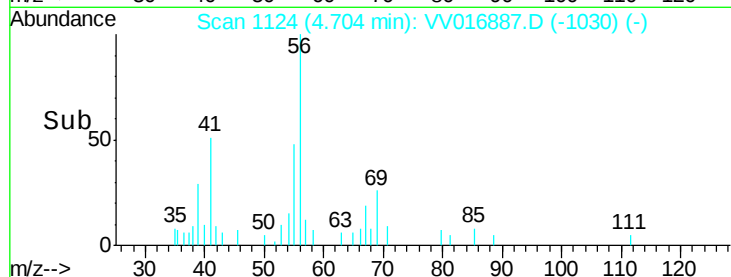
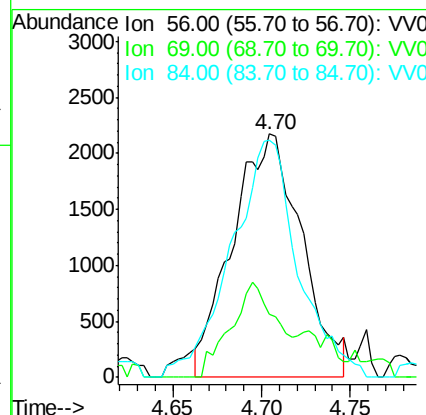
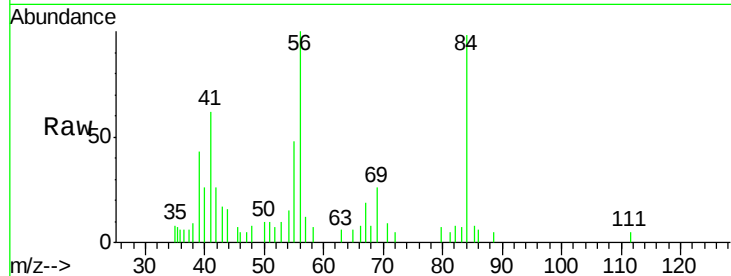
#29
Cyclohexane
Concen: 1.394 ug/L m
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV016887.D
Acq: 12 Jun 2020 18:35

Instrument :
MSVOA_V
ClientSampleId :
F9D95

Tot Ion	Ratio	Lower	Upper
56	100		
69	26.1	25.0	37.4
84	94.4	69.5	104.3

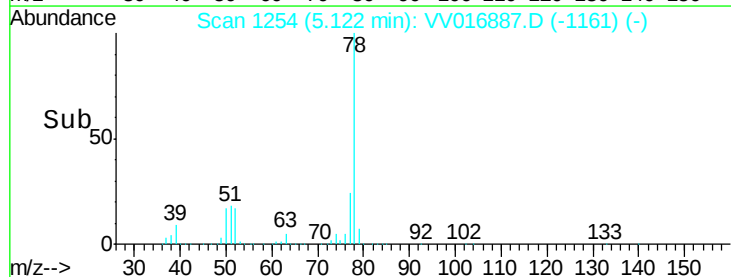
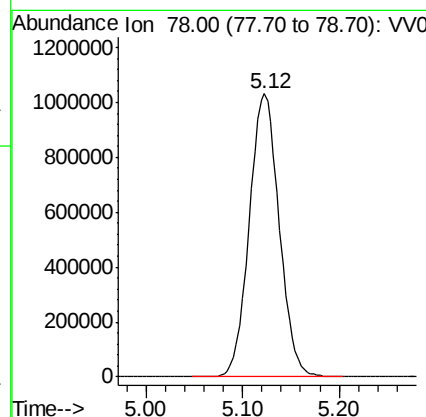
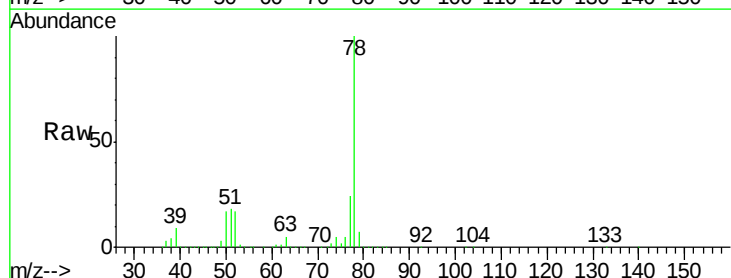
Manual Integrations
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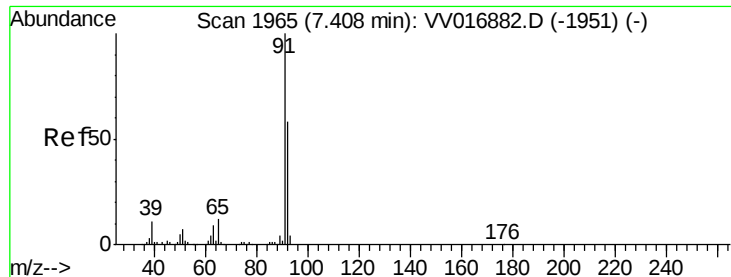
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#33
Benzene
Concen: 219.910 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV016887.D
Acq: 12 Jun 2020 18:35

Tgt Ion: 78 Resp: 2215001





#42

Toluene

Concen: 2.078 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016887.D

Acq: 12 Jun 2020 18:35

Instrument :

MSVOA_V

ClientSampleId :

F9D95

Tot Ion: 91 Resp: 22063

Ion Ratio Lower Upper

91 100

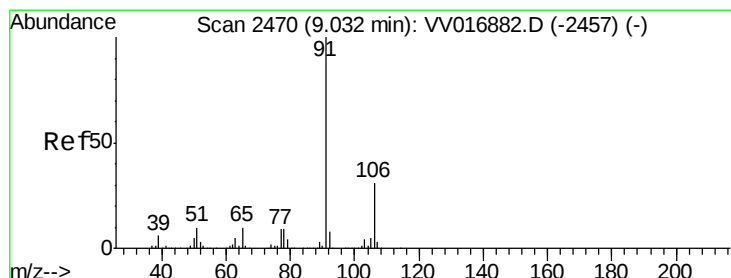
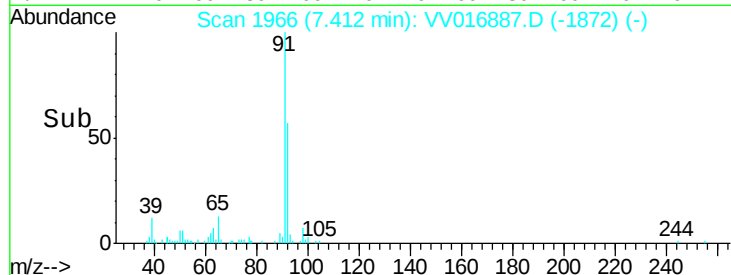
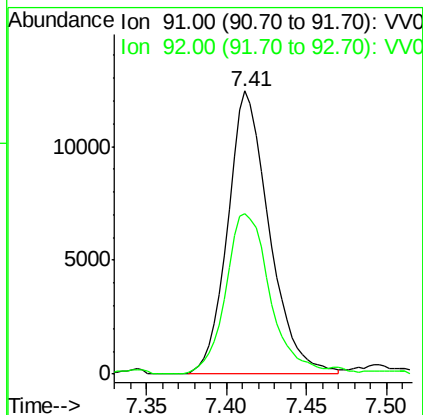
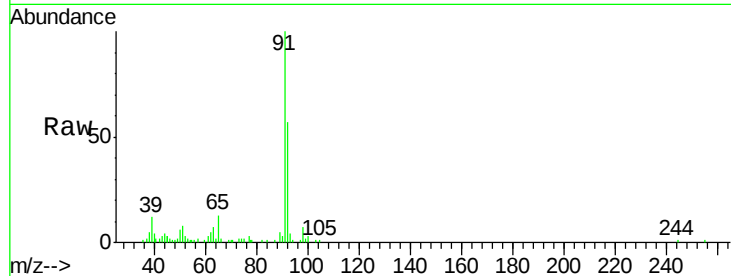
92 56.8 40.4 75.0

Manual Integrations

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#52

Ethylbenzene

Concen: 7.810 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV016887.D

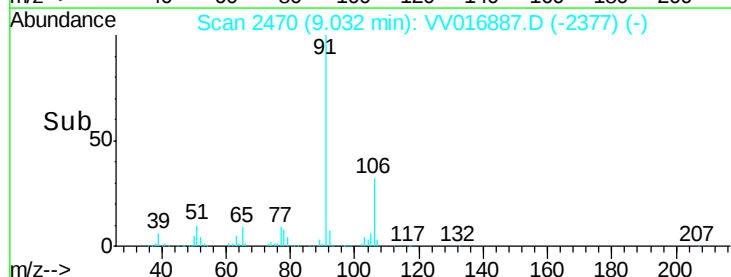
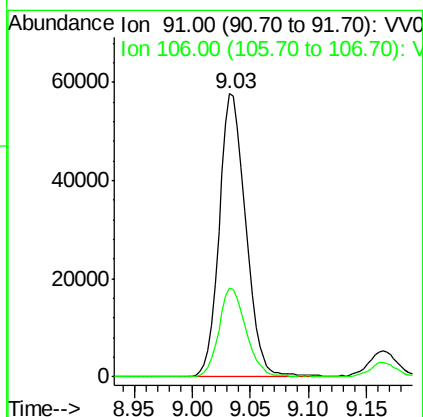
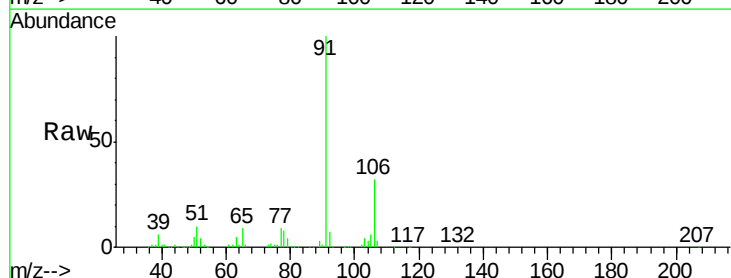
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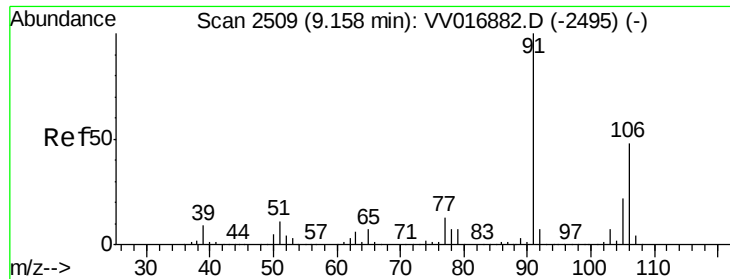
Tgt Ion: 91 Resp: 91856

Ion Ratio Lower Upper

91 100

106 31.6 21.1 39.1





#53

m,p-Xylene

Concen: 1.076 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV016887.D

Acq: 12 Jun 2020 18:35

Instrument :

MSVOA_V

ClientSampleId :

F9D95

Tot Ion:106 Resp: 4713

Ion Ratio Lower Upper

106 100

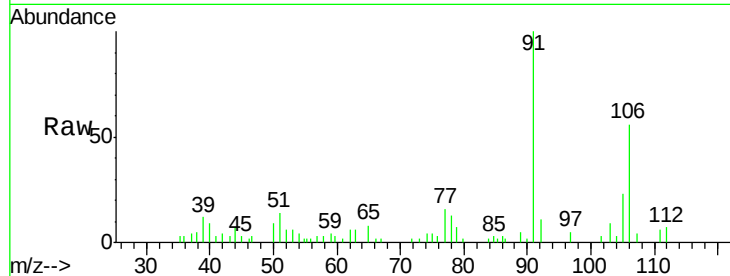
91 179.6 144.6 268.6

Manual Integrations

APPROVED

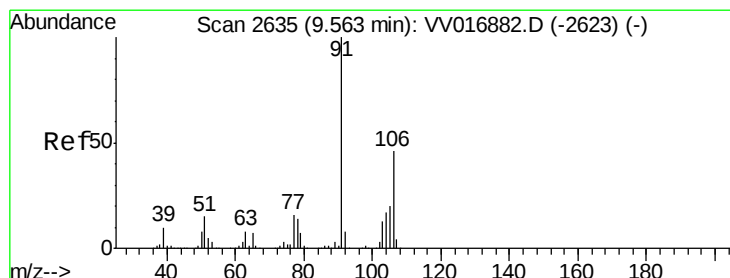
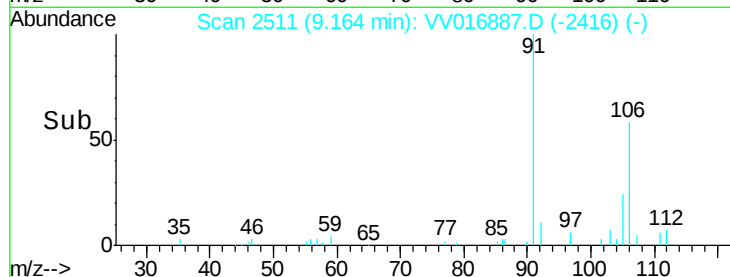
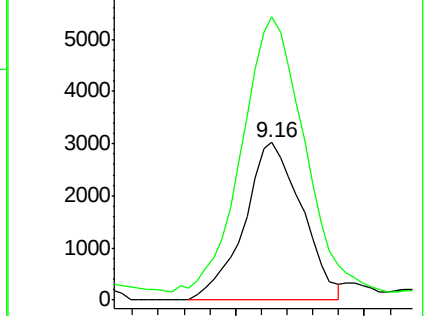
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 0.628 ug/L

RT: 9.56 min Scan# 2635

Delta R.T. 0.00 min

Lab File: VV016887.D

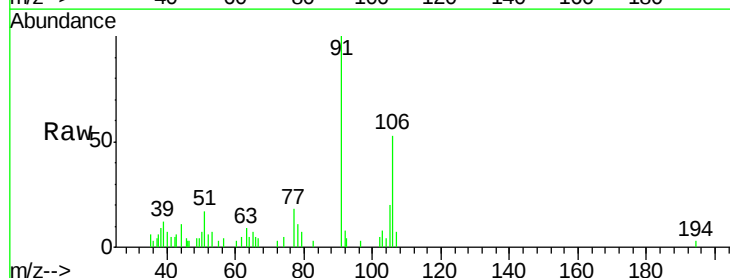
Acq: 12 Jun 2020 18:35

Tgt Ion:106 Resp: 2712

Ion Ratio Lower Upper

106 100

91 190.0 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

