

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061520\
 Data File : VV016927.D
 Acq On : 15 Jun 2020 11:15
 Operator : SY/MD
 Sample : L2913-09 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E49

Manual Integrations
 APPROVED

sam
 6/16/2020 2:22:01 PM

Quant Time: Jun 16 06:07:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 16 05:46:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	378611	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	356416	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	168292	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108394	40.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.14%
7) Chloroethane-d5	1.57	69	64780	40.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.82%
11) 1,1-Dichloroethene-d2	2.12	63	153136	34.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.28%
21) 2-Butanone-d5	3.90	46	165131	83.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.51%
24) Chloroform-d	4.37	84	241106	44.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.76%
26) 1,2-Dichloroethane-d4	5.05	65	172339	46.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.28%
32) Benzene-d6	5.07	84	477803	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.02%
36) 1,2-Dichloropropane-d6	6.09	67	146741	45.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.64%
41) Toluene-d8	7.34	98	436671	46.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.64%
43) trans-1,3-Dichloropropene-	7.64	79	75628	45.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.68%
47) 2-Hexanone-d5	8.11	63	97056	69.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	69.51%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	172442	40.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	176500	49.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.28%

Target Compounds

				Ovalue
29) Cyclohexane	4.70	56	7384m	1.667 ug/L
33) Benzene	5.12	78	2252428	213.595 ug/L 100
42) Toluene	7.41	91	73498	6.611 ug/L 95
52) Ethylbenzene	9.03	91	146804	11.922 ug/L 98
53) m,p-Xylene	9.16	106	19913	4.343 ug/L 96
54) o-xylene	9.57	106	18061	3.994 ug/L 95

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

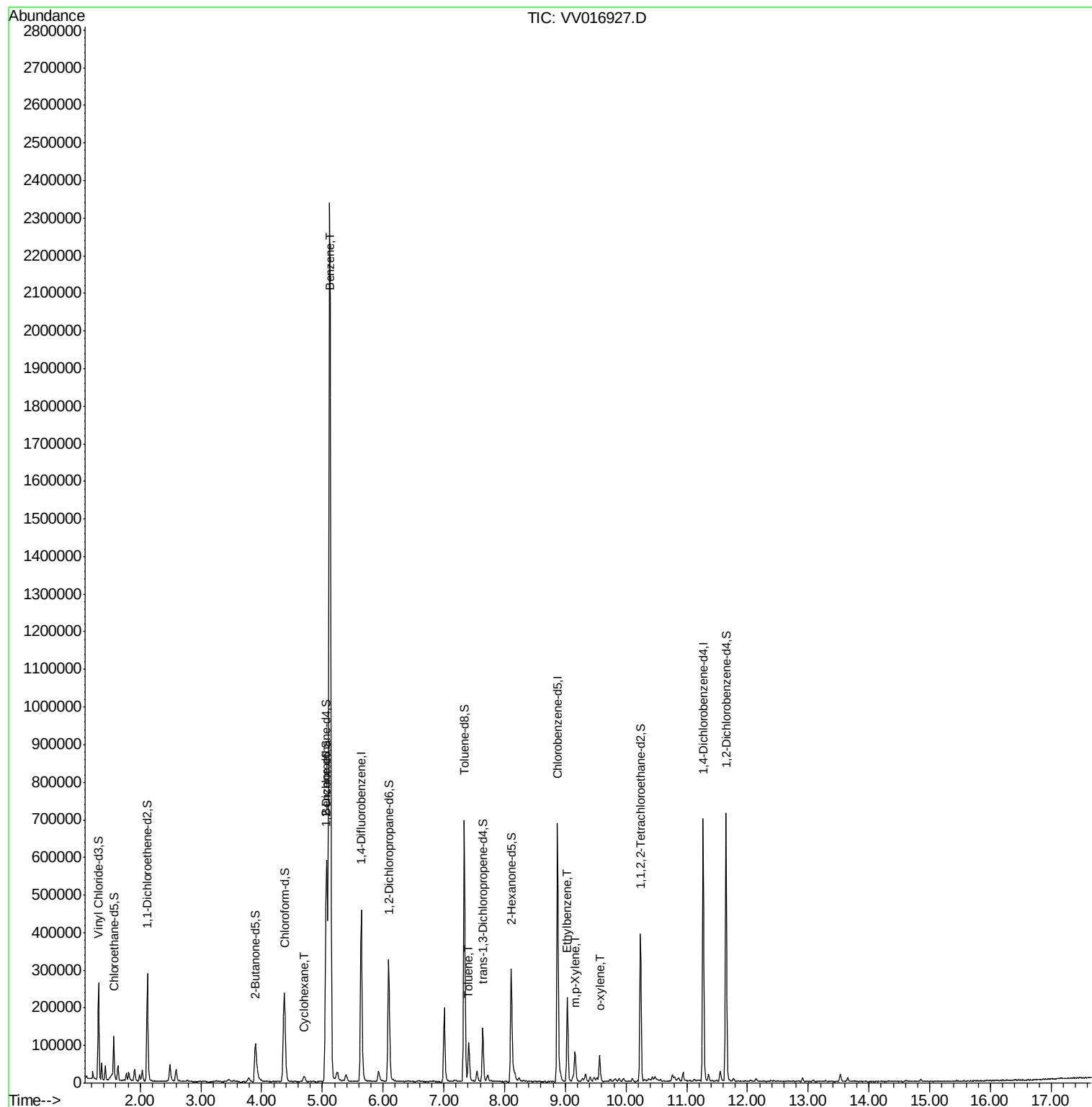
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV061520\
Data File : VV016927.D
Acq On : 15 Jun 2020 11:15
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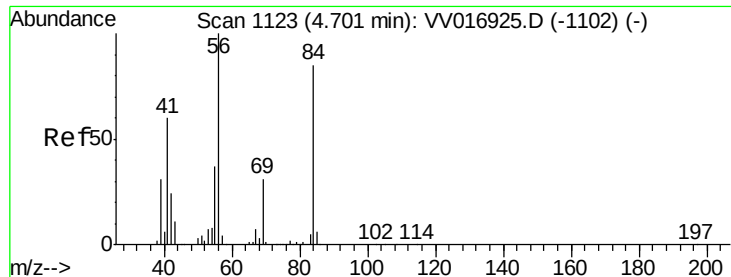
Instrument :
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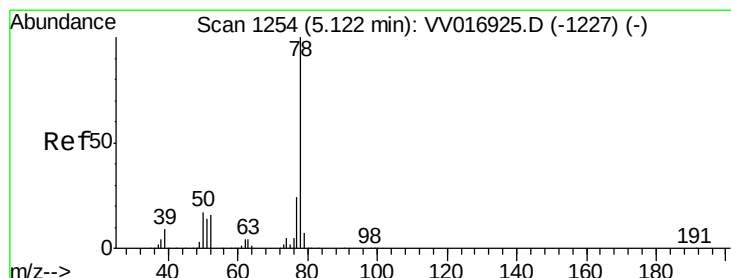
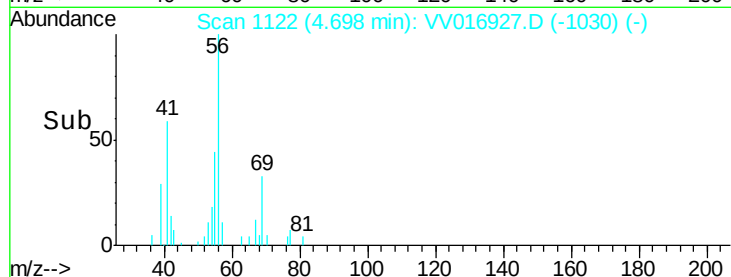
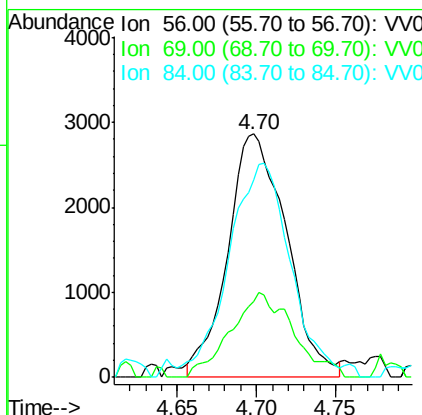
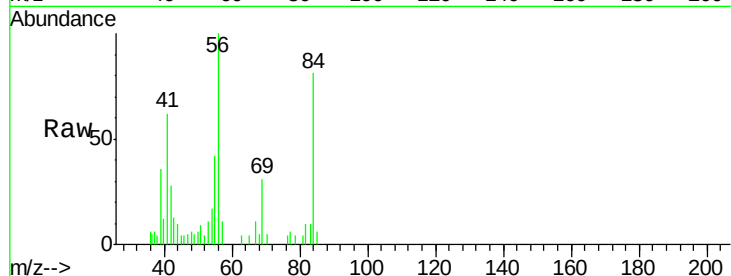
#29
Cyclohexane
Concen: 1.667 ug/L m
RT: 4.70 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VV016927.D
Acq: 15 Jun 2020 11:15

Instrument :
MSVOA_V
ClientSampleId :
F9E49

Tot Ion	Ratio	Lower	Upper
56	100		
69	0.6	25.0	37.4#
84	2.1	69.5	104.3#

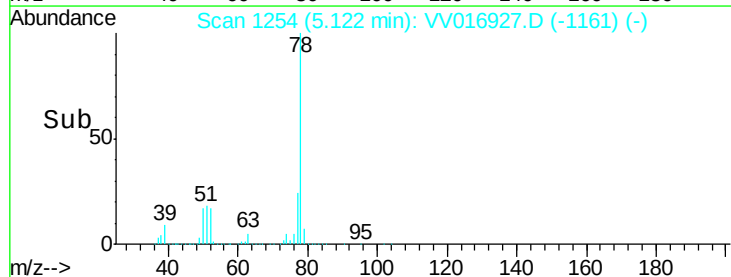
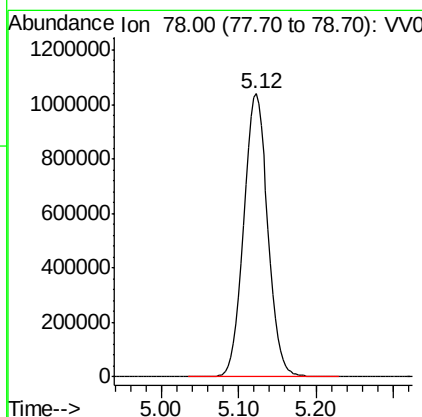
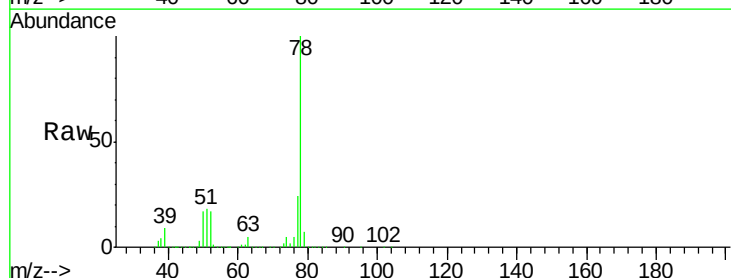
Manual Integrations
APPROVED

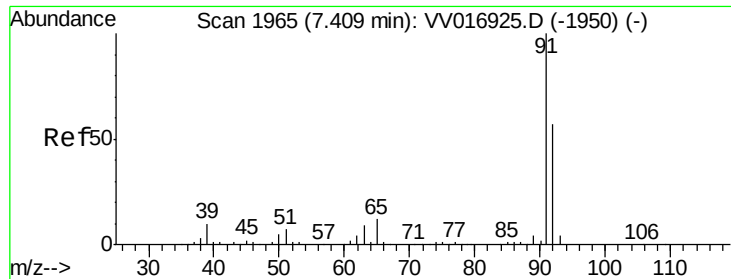
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#33
Benzene
Concen: 213.595 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV016927.D
Acq: 15 Jun 2020 11:15

Tgt Ion: 78 Resp: 2252428





#42

Toluene

Concen: 6.611 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016927.D

Acq: 15 Jun 2020 11:15

Instrument :

MSVOA_V

ClientSampleId :

F9E49

Tot Ion: 91 Resp: 73498

Ion Ratio Lower Upper

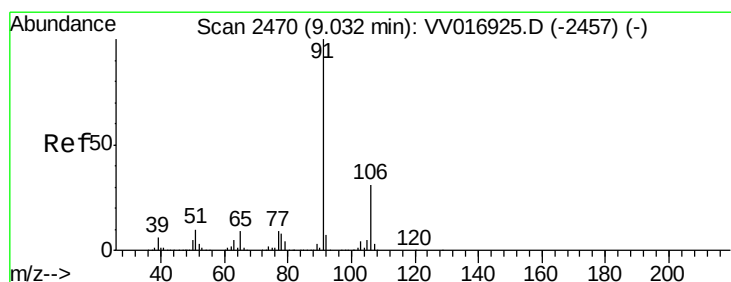
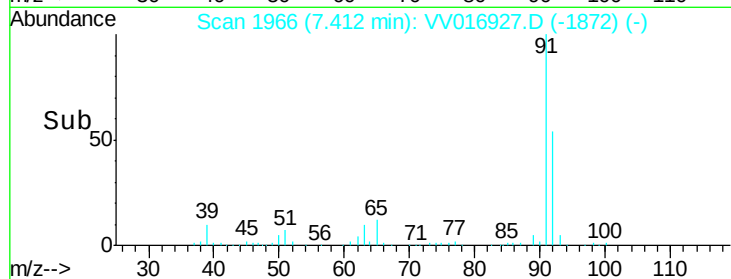
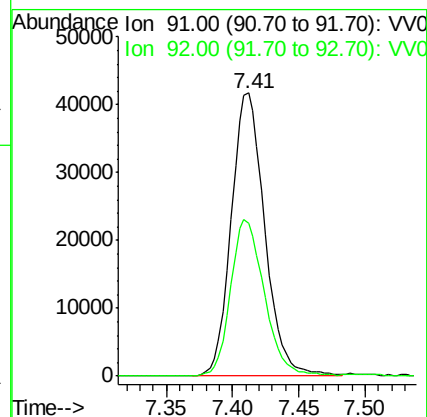
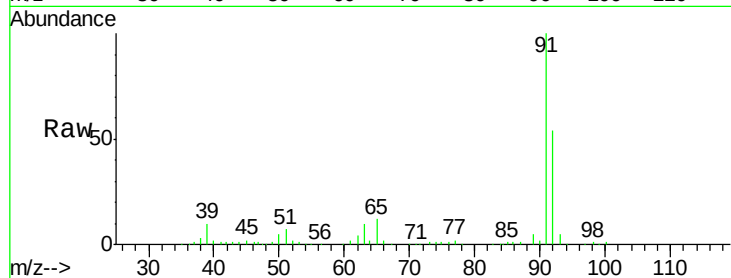
91 100

92 54.2 40.4 75.0

Manual Integrations
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#52

Ethylbenzene

Concen: 11.922 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV016927.D

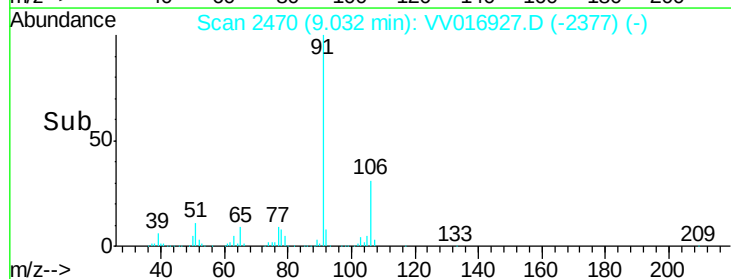
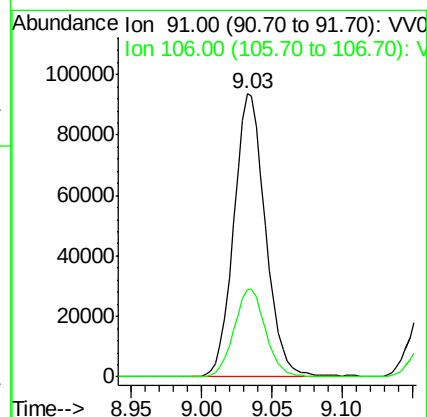
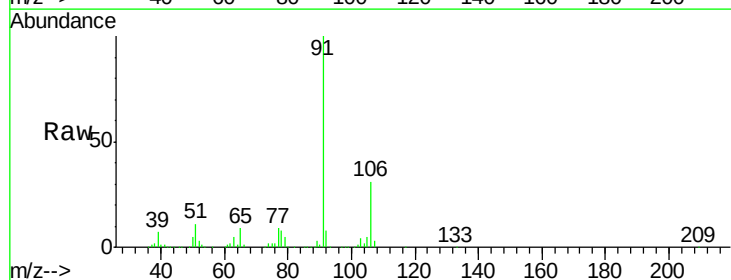
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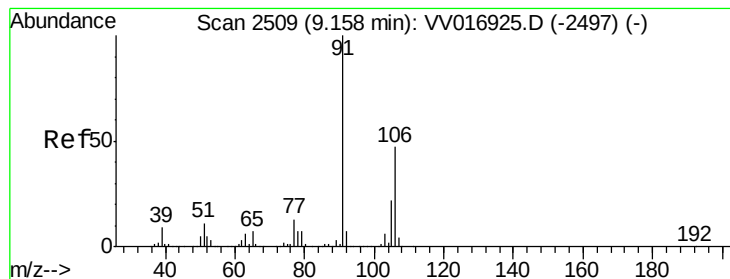
Tgt Ion: 91 Resp: 146804

Ion Ratio Lower Upper

91 100

106 30.9 21.1 39.1





#53

m,p-Xylene

Concen: 4.343 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV016927.D

Acq: 15 Jun 2020 11:15

Instrument :

MSVOA_V

ClientSampled :

F9E49

Tot Ion:106 Resp: 19913

Ion Ratio Lower Upper

106 100

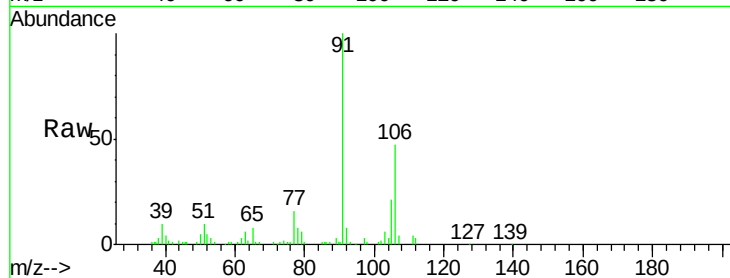
91 212.8 144.6 268.6

Manual Integrations

APPROVED

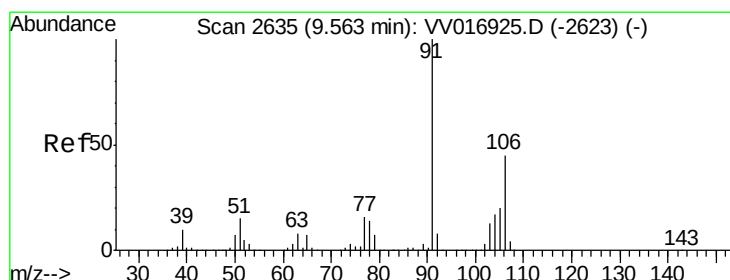
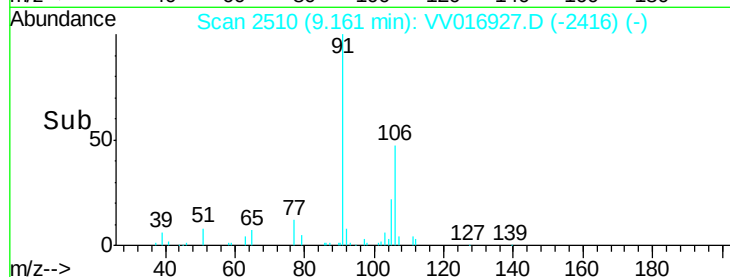
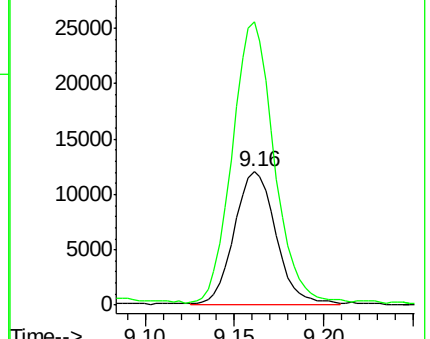
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 3.994 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016927.D

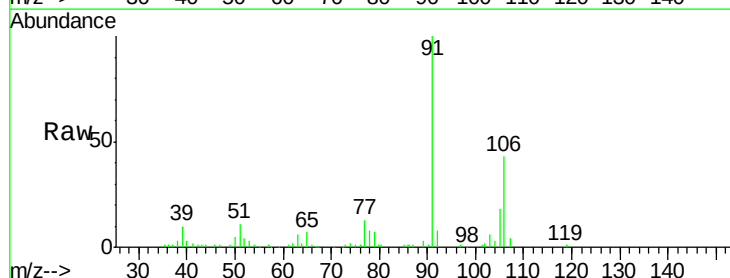
Acq: 15 Jun 2020 11:15

Tgt Ion:106 Resp: 18061

Ion Ratio Lower Upper

106 100

91 230.7 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

