

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061120\
 Data File : VV016837.D
 Acq On : 11 Jun 2020 19:16
 Operator : SY/MD
 Sample : L2914-07DL 25X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E02DL

Manual Integrations
 APPROVED

MMDadoda
 6/15/2020 12:01:37 PM

Quant Time: Jun 13 04:26:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 01:27:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	357078	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	334468	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	170007	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	81981	32.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.08%
7) Chloroethane-d5	1.55	69	60577	40.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.14%
11) 1,1-Dichloroethene-d2	2.11	63	118000	27.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.78%#
21) 2-Butanone-d5	3.90	46	163284	87.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.56%
24) Chloroform-d	4.37	84	204365	39.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.78%
26) 1,2-Dichloroethane-d4	5.05	65	150504	43.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.38%
32) Benzene-d6	5.07	84	388852	40.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.66%
36) 1,2-Dichloropropane-d6	6.09	67	121648	40.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.96%
41) Toluene-d8	7.34	98	350999	39.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.34%#
43) trans-1,3-Dichloropropene-	7.64	79	60586	38.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.42%
47) 2-Hexanone-d5	8.11	63	101454	77.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.43%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	172081	43.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	162754	44.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.72%

Target Compounds

					Ovalue
29) Cyclohexane	4.70	56	8575m	2.063	ug/L
33) Benzene	5.12	78	1229055	124.198	ug/L
42) Toluene	7.41	91	25537	2.448	ug/L
52) Ethylbenzene	9.04	91	19307	1.671	ug/L
53) m,p-Xylene	9.16	106	17099	3.974	ug/L
54) o-xylene	9.57	106	6416	1.512	ug/L

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

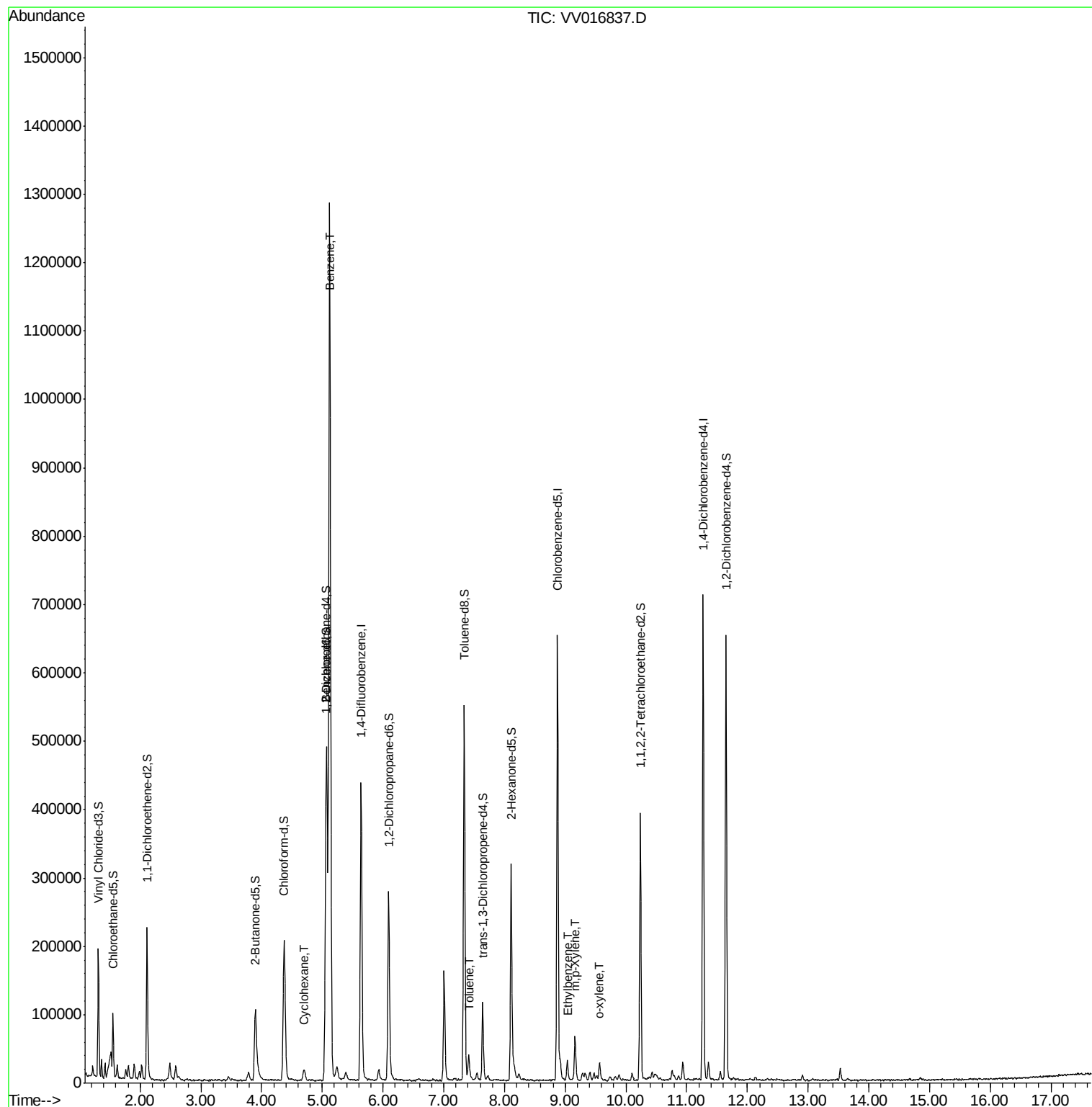
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV061120\
Data File : VV016837.D
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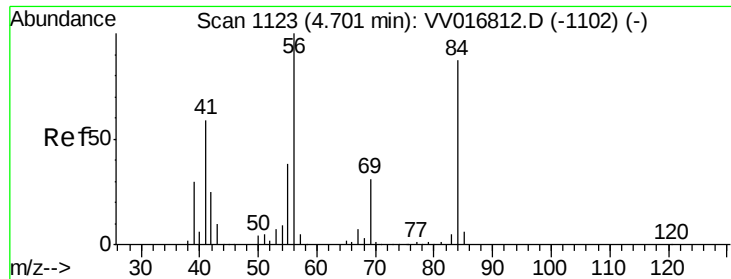
Instrument :
MSVOA_V
ClientSampleId :
F9E02DL

Manual Integrations
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Quant Time: Jun 13 04:26:49 2020
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Quant Title : VOC Analysis
QLast Update : Fri Jun 12 01:27:40 2020
Response via : Initial Calibration





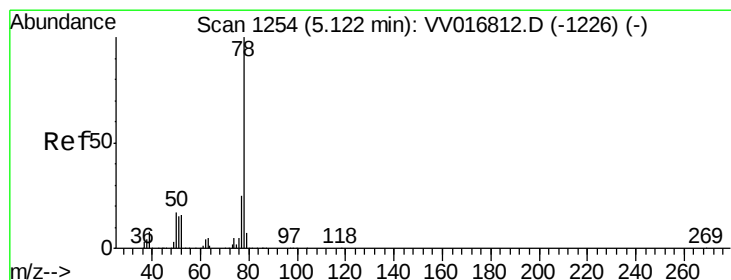
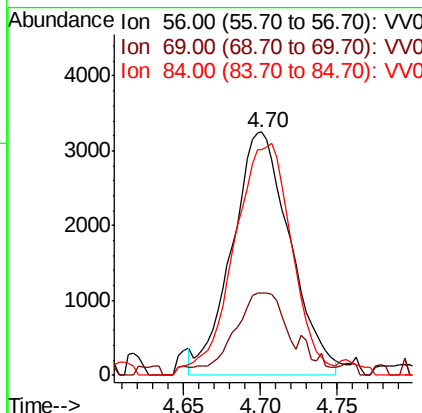
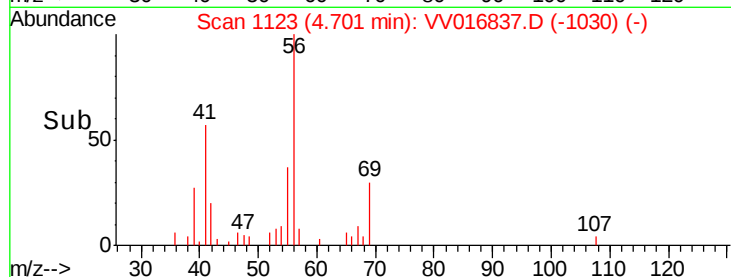
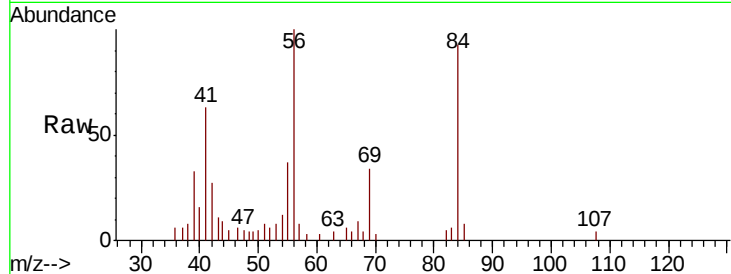
#29
Cyclohexane
Concen: 2.063 ug/L m
RT: 4.70 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VV016837.D
Acq: 11 Jun 2020 19:16

Instrument :
MSVOA_V
ClientSampleId :
F9E02DL

Tot Ion	Ratio	Lower	Upper
56	100		
69	0.7	25.0	37.4#
84	2.0	69.5	104.3#

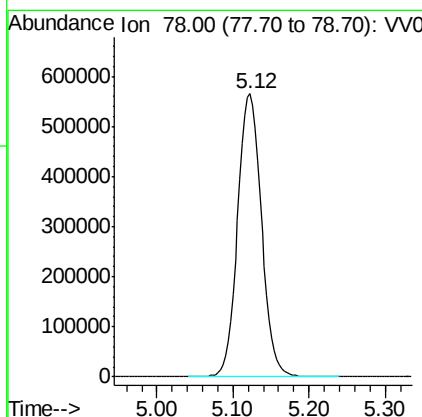
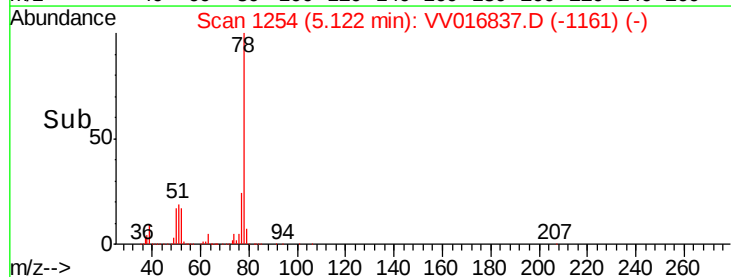
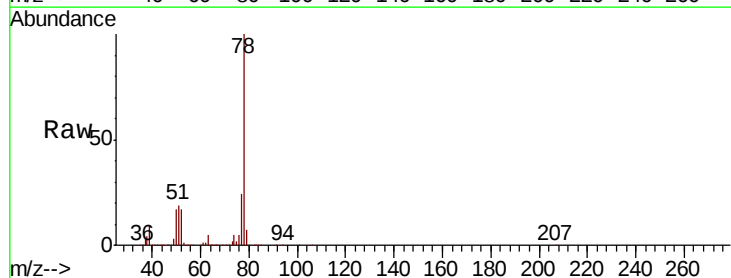
Manual Integrations
APPROVED

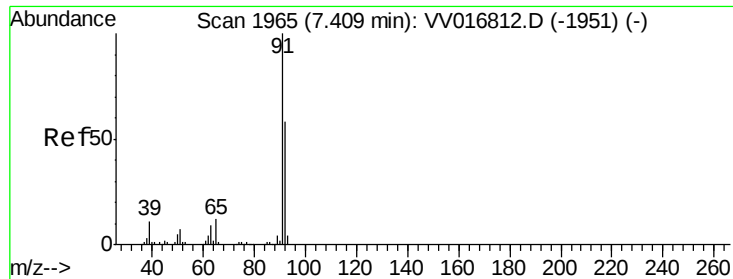
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#33
Benzene
Concen: 124.198 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016837.D
Acq: 11 Jun 2020 19:16

Tgt Ion: 78 Resp: 1229055





#42

Toluene

Concen: 2.448 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016837.D

Acq: 11 Jun 2020 19:16

Instrument :

MSVOA_V

ClientSampleId :

F9E02DL

Tot Ion: 91 Resp: 25537

Ion Ratio Lower Upper

91 100

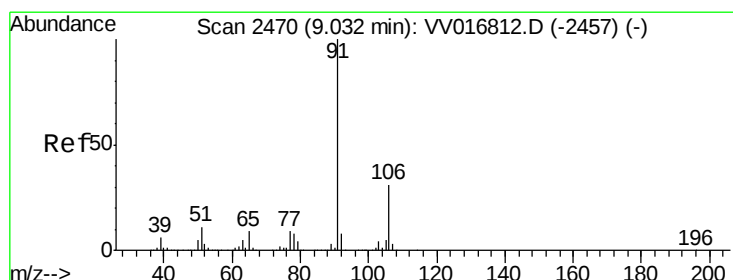
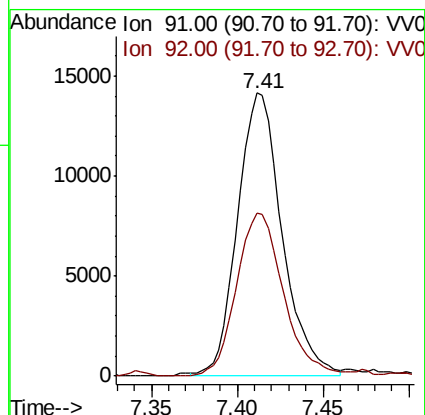
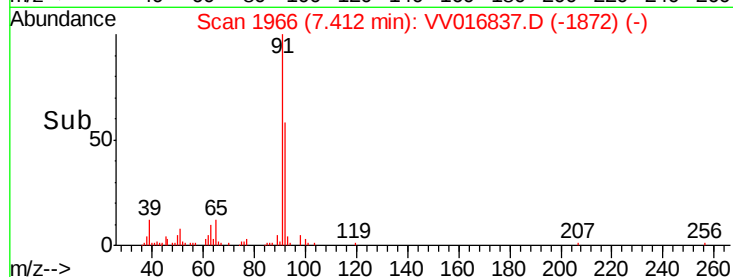
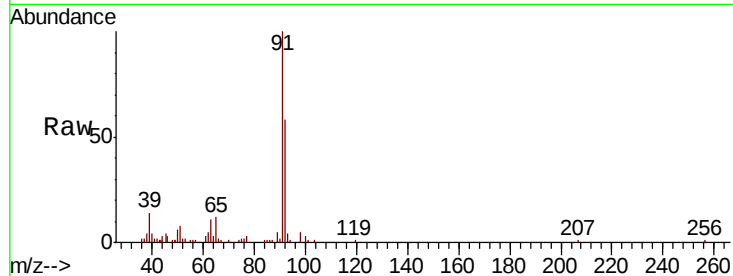
92 57.5 40.4 75.0

Manual Integrations

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#52

Ethylbenzene

Concen: 1.671 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016837.D

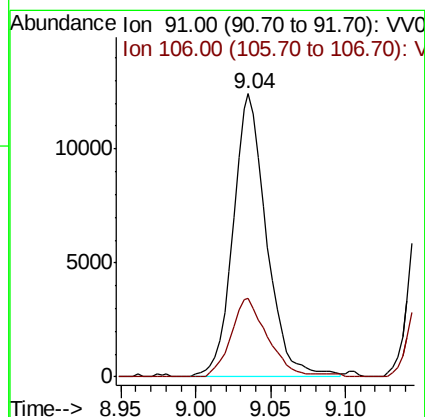
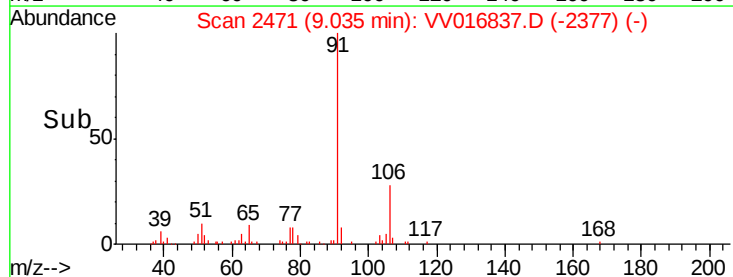
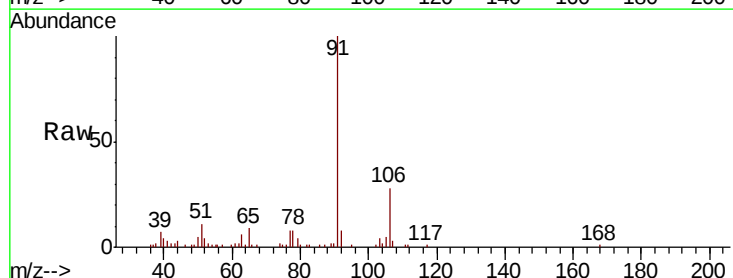
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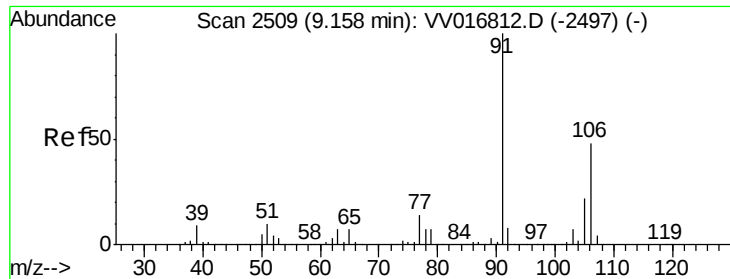
Tgt Ion: 91 Resp: 19307

Ion Ratio Lower Upper

91 100

106 27.6 21.1 39.1





#53

m,p-Xylene

Concen: 3.974 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV016837.D

Acq: 11 Jun 2020 19:16

Instrument :

MSVOA_V

ClientSampleId :

F9E02DL

Tot Ion:106 Resp: 17099

Ion Ratio Lower Upper

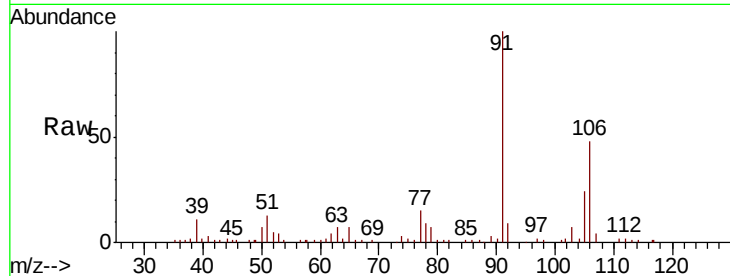
106 100

91 207.5 144.6 268.6

Manual Integrations
APPROVED

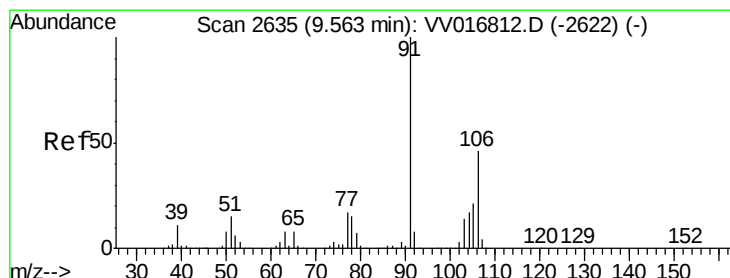
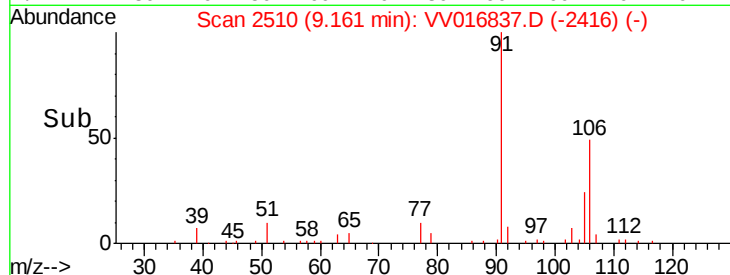
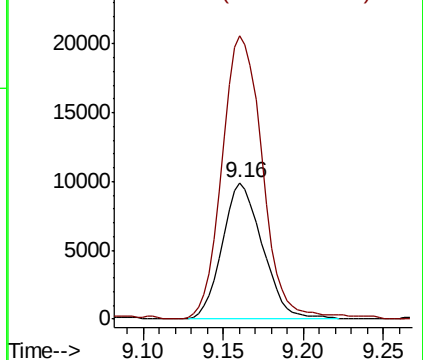
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 1.512 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016837.D

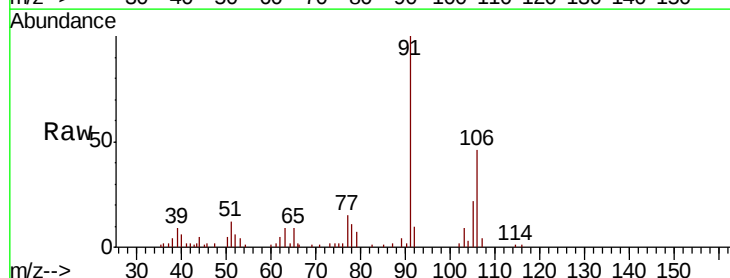
Acq: 11 Jun 2020 19:16

Tgt Ion:106 Resp: 6416

Ion Ratio Lower Upper

106 100

91 215.4 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

