

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016908.D
 Acq On : 13 Jun 2020 03:42
 Operator : SY/MD
 Sample : L2990-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YG6

Manual Integrations
 APPROVED

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 6/15/2020 12:22:58 PM

Quant Time: Jun 13 06:56:51 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	5.64	114	350006	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	338891	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	167872	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106727	43.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.42%
7) Chloroethane-d5	1.57	69	61491	41.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.98%
11) 1,1-Dichloroethene-d2	2.12	63	149206	35.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.96%
21) 2-Butanone-d5	3.90	46	177286	96.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.99%
24) Chloroform-d	4.38	84	233911	46.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.16%
26) 1,2-Dichloroethane-d4	5.05	65	170898	50.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.06%
32) Benzene-d6	5.07	84	451618	46.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.46%
36) 1,2-Dichloropropane-d6	6.09	67	140056	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.98%
41) Toluene-d8	7.34	98	414633	46.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.50%
43) trans-1,3-Dichloropropene-	7.64	79	68645	43.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.56%
47) 2-Hexanone-d5	8.11	63	121399	91.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.44%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	179053	44.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	173919	48.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.10%

Target Compounds

					Ovalue	
35) Methylcyclohexane	6.15	83	11436m	2.711	ug/L	
46) Tetrachloroethene	8.00	164	2105	0.995	ug/L	88
52) Ethylbenzene	9.04	91	8844688	755.451	ug/L	97
53) m,p-Xylene	9.17	106	9138455	2096.363	ug/L	71
56) Isopropylbenzene	9.95	105	75442	6.531	ug/L	99

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

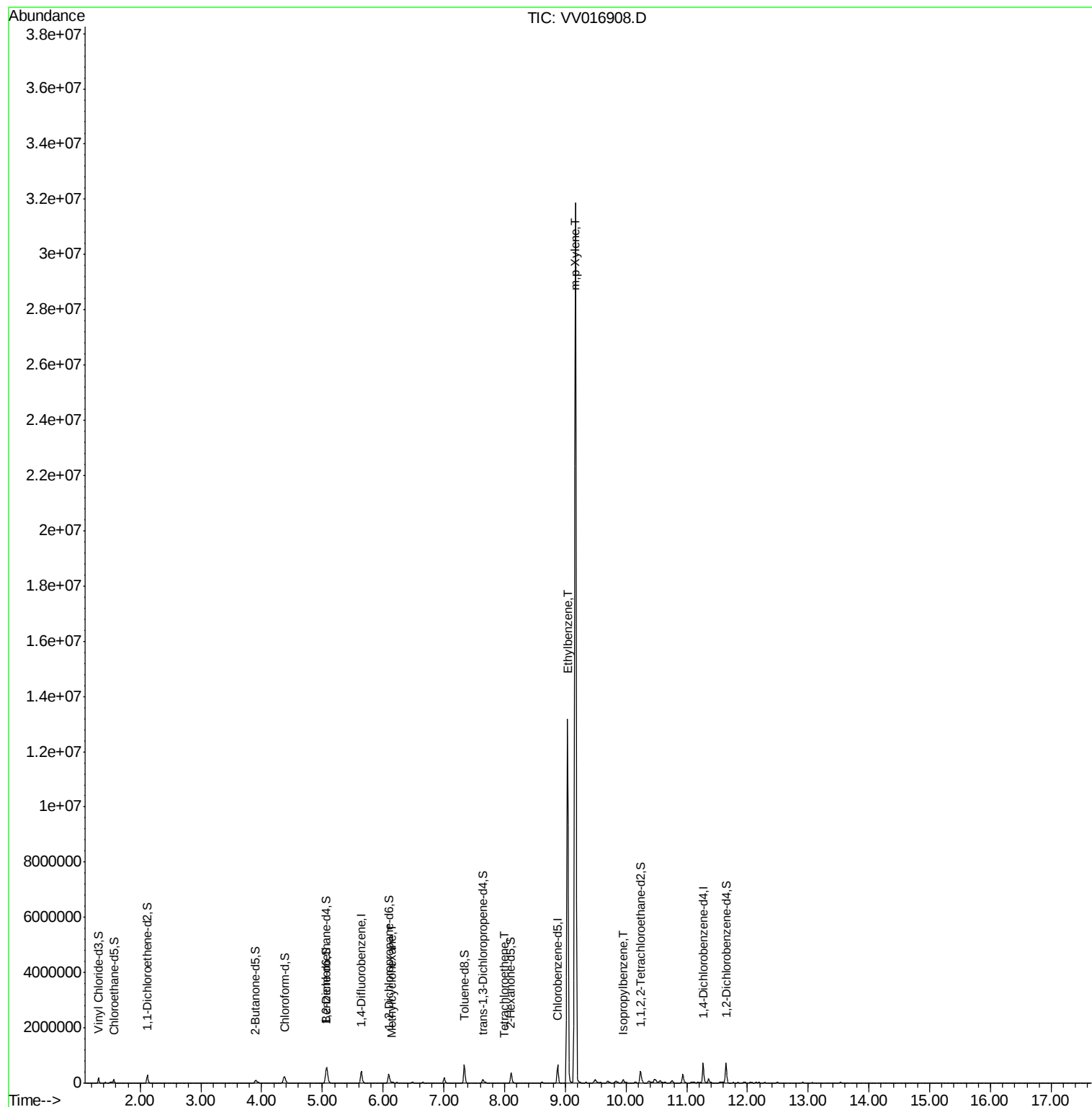
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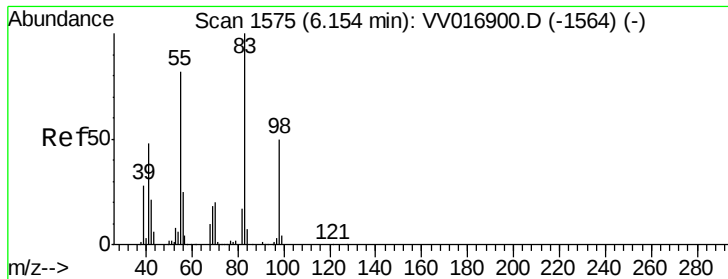
Instrument :
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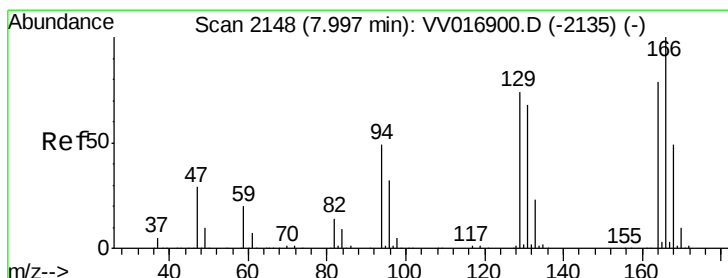
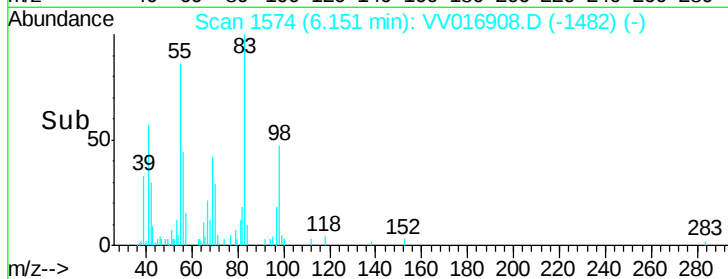
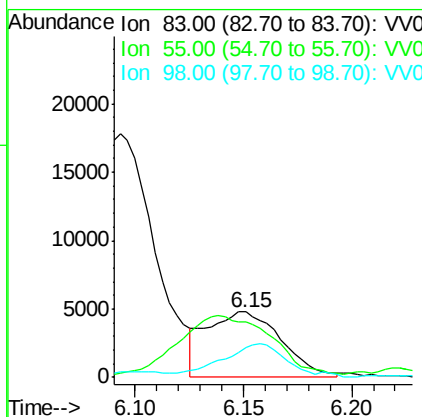
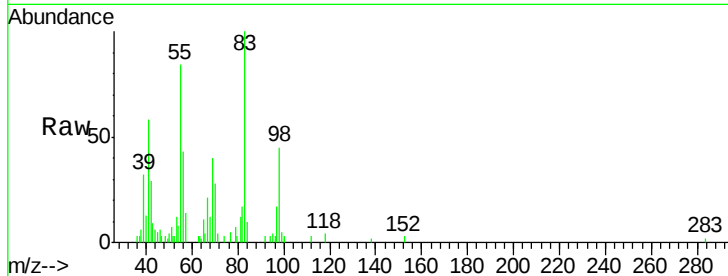
#35
Methvlcvclohexane
Concen: 2.711 ug/L m
RT: 6.15 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VV016908.D
Acq: 13 Jun 2020 03:42

Instrument :
MSVOA_V
ClientSampleId :
E3YG6

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.2	96.2#
98	1.6	40.3	60.5#

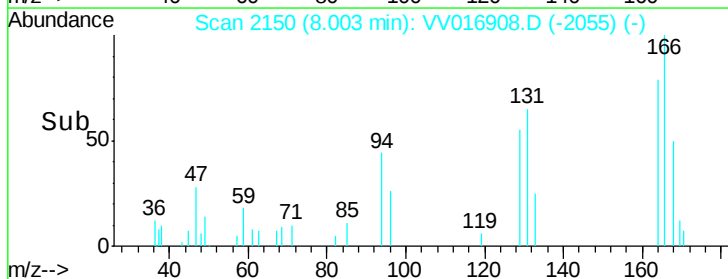
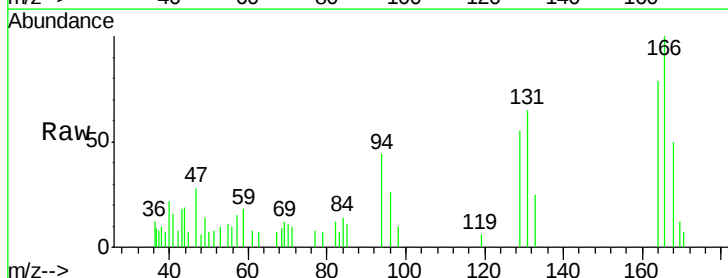
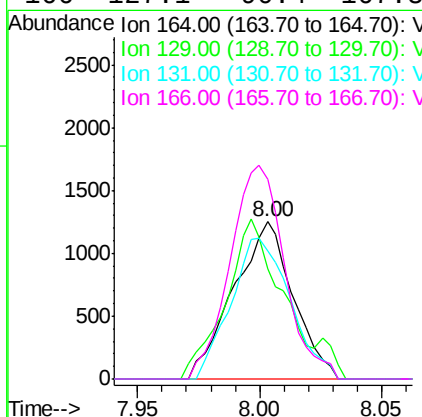
Manual Integrations
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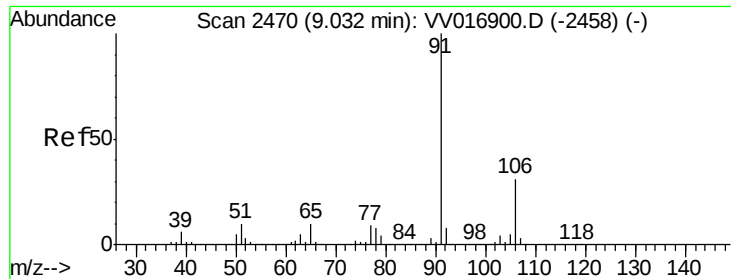
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#46
Tetrachloroethene
Concen: 0.995 ug/L
RT: 8.00 min Scan# 2150
Delta R.T. 0.01 min
Lab File: VV016908.D
Acq: 13 Jun 2020 03:42

Tgt Ion	Ratio	Lower	Upper
164	100		
129	70.5	67.0	124.4
131	82.0	64.8	120.3
166	127.1	90.4	167.8





#52

Ethylbenzene

Concen: 755.451 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016908.D

Acq: 13 Jun 2020 03:42

Instrument :

MSVOA_V

ClientSampleId :

E3YG6

Tot Ion: 91 Resp: 8844688

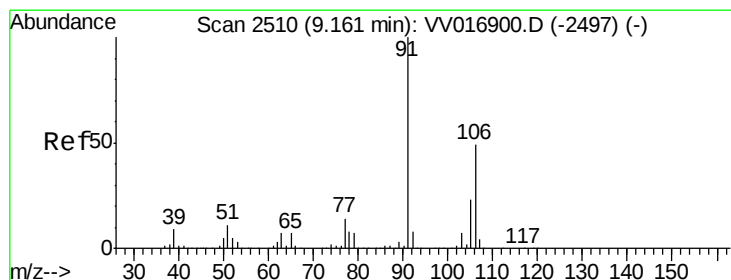
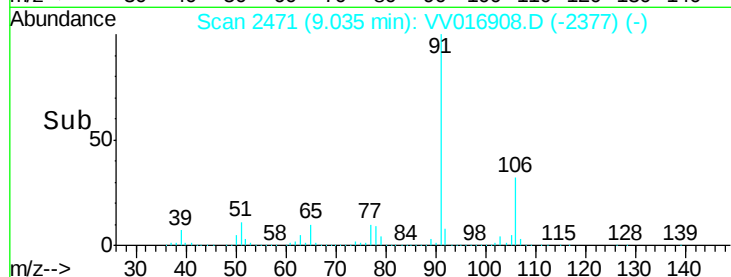
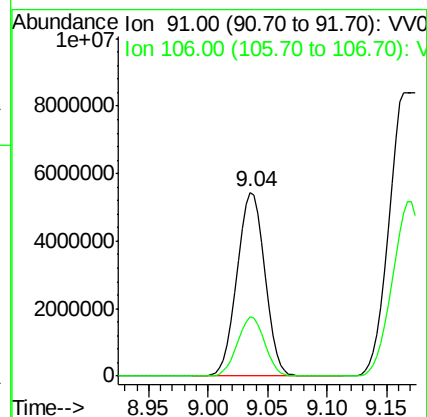
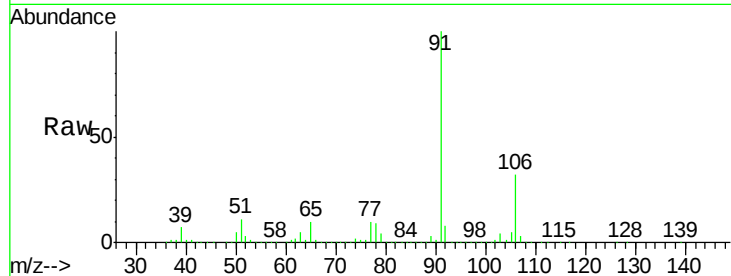
Ion Ratio Lower Upper

91 100

106 32.0 21.1 39.1

Manual Integrations
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#53

m,p-Xylene

Concen: 2096.363 ug/L

RT: 9.17 min Scan# 2512

Delta R.T. 0.01 min

Lab File: VV016908.D

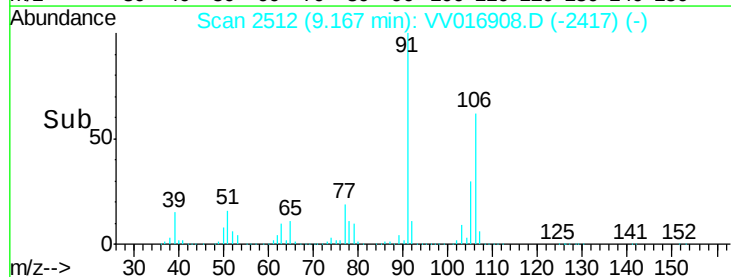
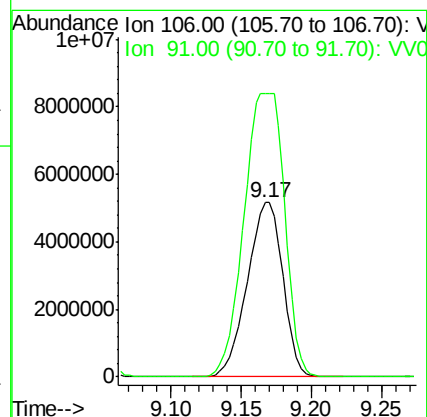
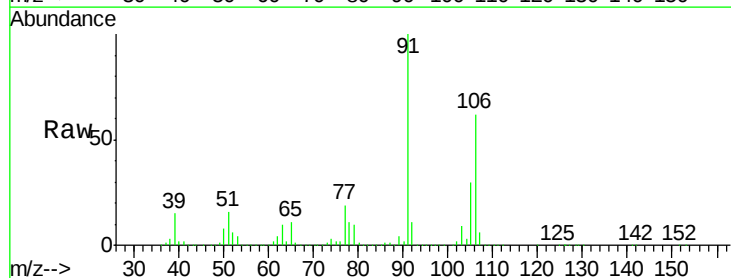
Acq: 13 Jun 2020 03:42

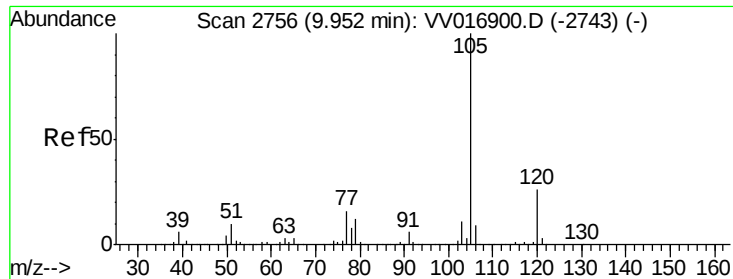
Tgt Ion: 106 Resp: 9138455

Ion Ratio Lower Upper

106 100

91 162.2 144.6 268.6





#56

Isopropylbenzene

Concen: 6.531 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VV016908.D

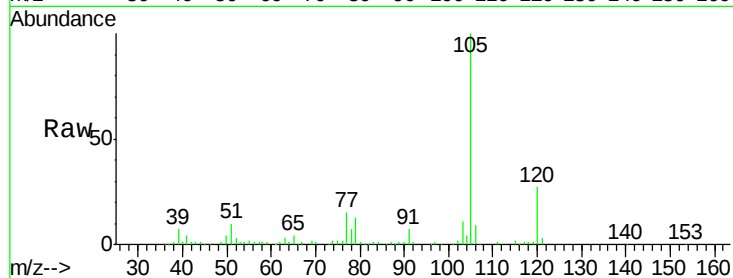
Acq: 13 Jun 2020 03:42

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MSVOA_V
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E3YG6

Tot Ion:	105	Resp:	75442
Ion Ratio	Lower	Upper	
105	100		
120	26.7	21.2	31.8
77	15.3	13.0	19.4

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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): V

