

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052919\
 Data File : VU032364.D
 Acq On : 29 May 2019 17:20
 Operator : JC/SP
 Sample : K3045-02DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C46DL

Manual Integrations
 APPROVED

MMDadoda
 5/30/2019 10:55:32 AM

Quant Time: May 30 08:59:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 30 05:34:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	426260	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	396959	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	202822	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	110743	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.67	69	99119	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.27	63	165278	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	4.19	46	306689	45.42	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.84%
24) Chloroform-d	4.64	84	216768	3.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.80%
26) 1,2-Dichloroethane-d4	5.31	65	112294	3.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.40%#
32) Benzene-d6	5.33	84	463541	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
36) 1,2-Dichloropropane-d6	6.33	67	142855	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.00%
41) Toluene-d8	7.56	98	428702	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	7.85	79	50580	3.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.00%
46) 2-Hexanone-d5	8.31	63	258295	48.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	120062	3.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	66.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	179854	3.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	64.40%#

Target Compounds				Ovalue
30) Cyclohexane	4.98	56	10119m	0.525 ug/L
33) Benzene	5.38	78	250227	4.660 ug/L 100
52) Ethylbenzene	9.25	91	285636	4.973 ug/L 100
53) m,p-Xylene	9.38	106	5665	0.265 ug/L 96
56) Isopropylbenzene	10.16	105	72822	1.350 ug/L 99

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

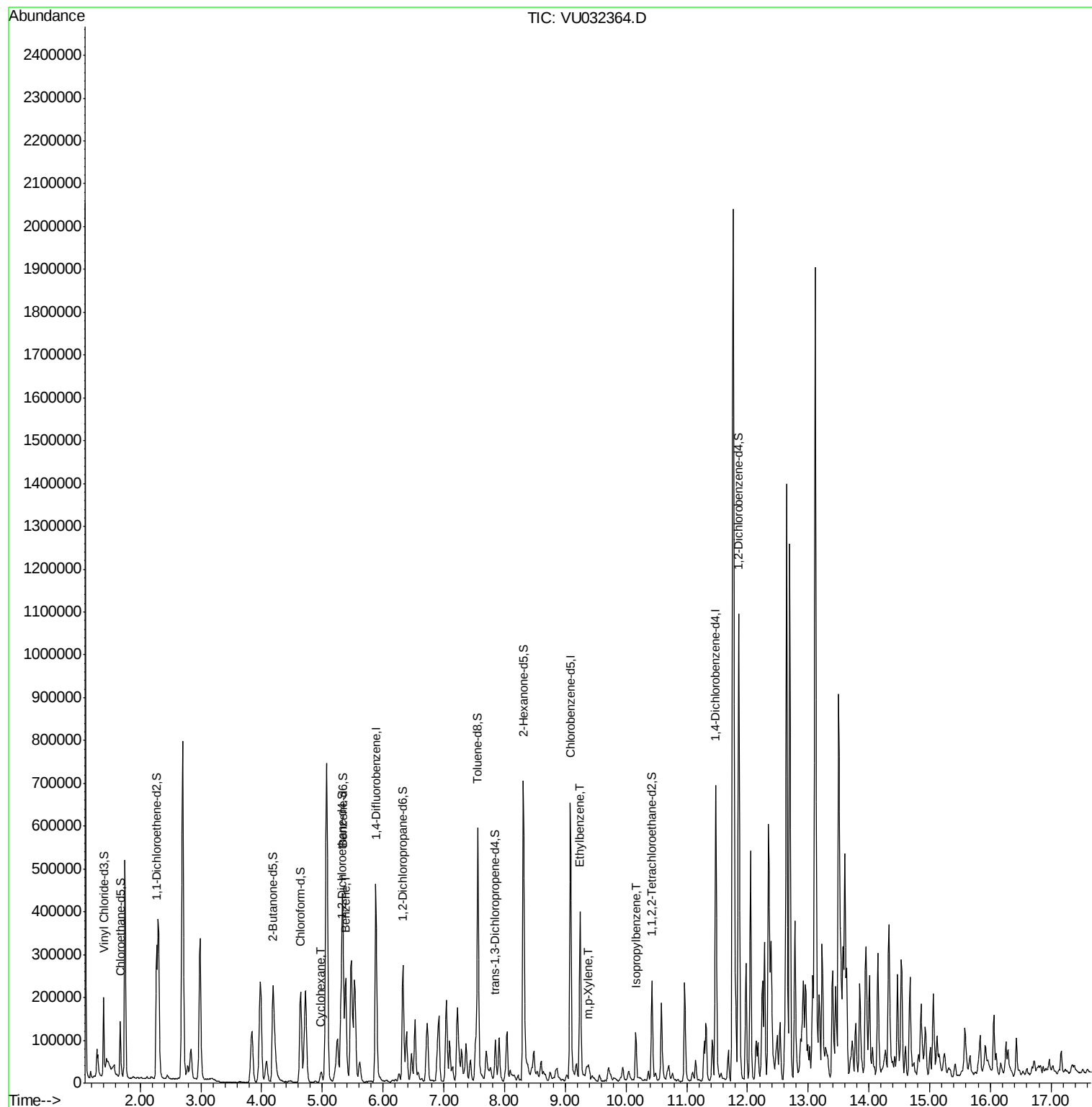
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052919\
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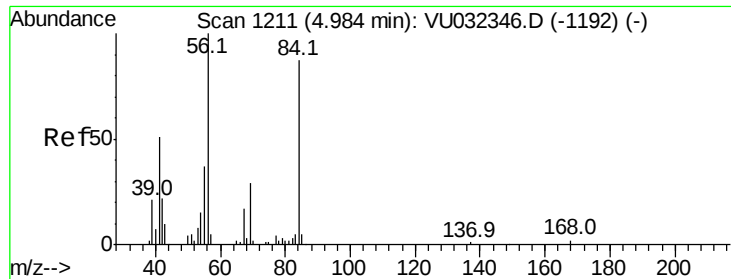
Instrument :
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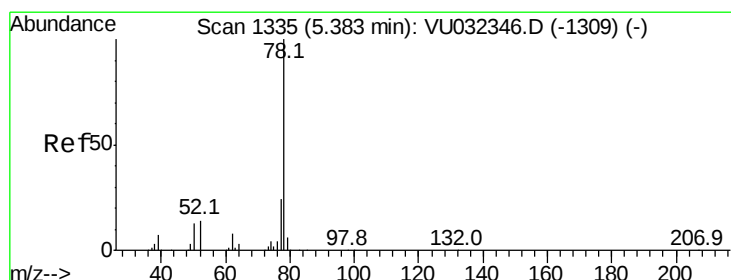
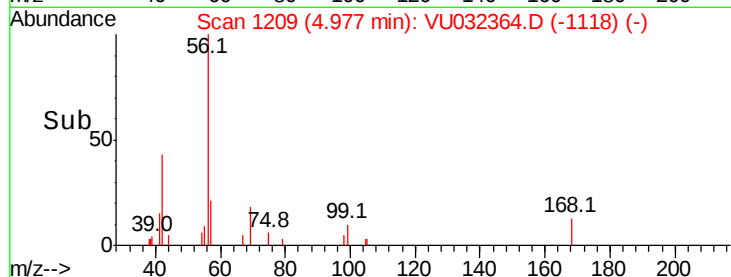
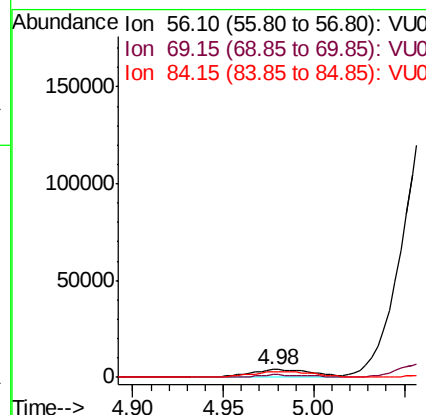
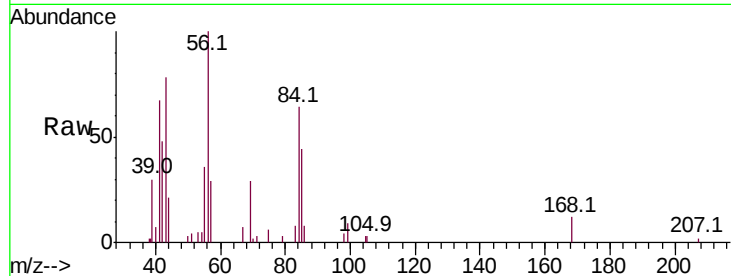
#30
Cyclohexane
Concen: 0.525 ug/L m
RT: 4.98 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VU032364.D
Acq: 29 May 2019 17:20

Instrument :
MSVOA_U
ClientSampleId :
C0C46DL

Tot Ion	Ratio	Lower	Upper
56	100		
69	192.4	26.6	39.8#
84	22.4	75.0	112.6#

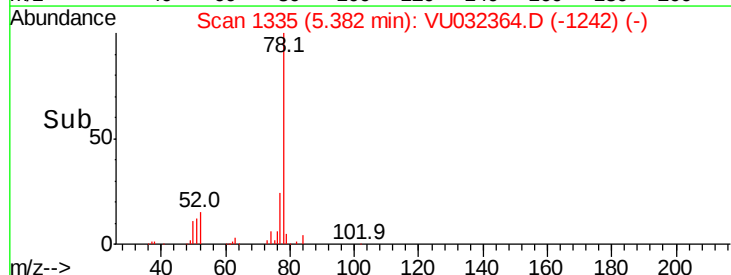
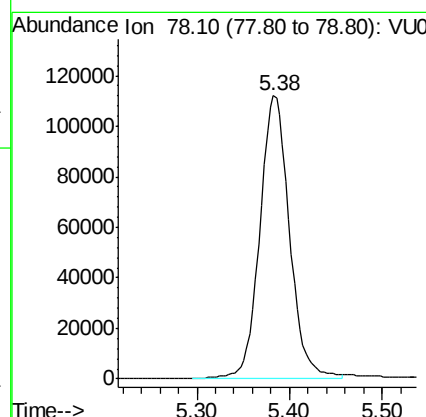
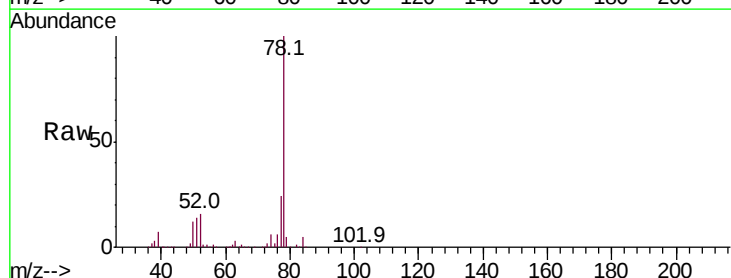
Manual Integrations
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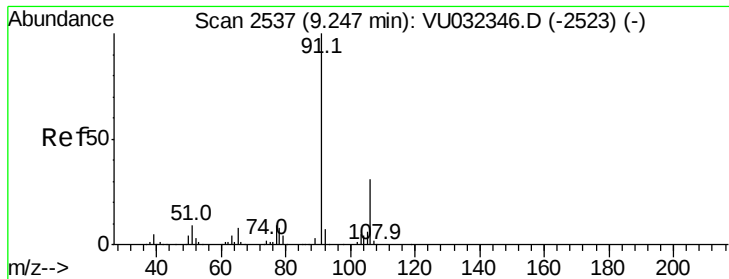
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#33
Benzene
Concen: 4.660 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VU032364.D
Acq: 29 May 2019 17:20

Tgt Ion: 78 Resp: 250227





#52

Ethylbenzene

Concen: 4.973 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. -0.00 min

Lab File: VU032364.D

Acq: 29 May 2019 17:20

Instrument :

MSVOA_U

ClientSampleId :

C0C46DL

Tot Ion: 91 Resp: 285636

Ion Ratio Lower Upper

91 100

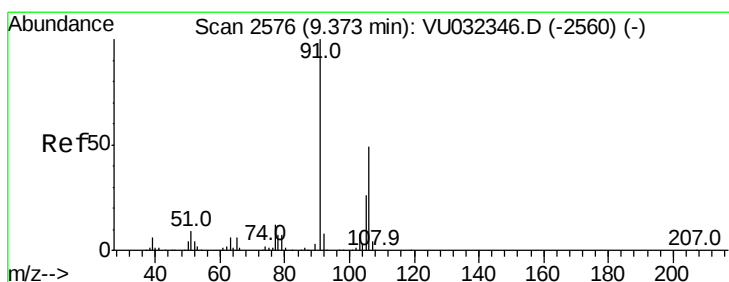
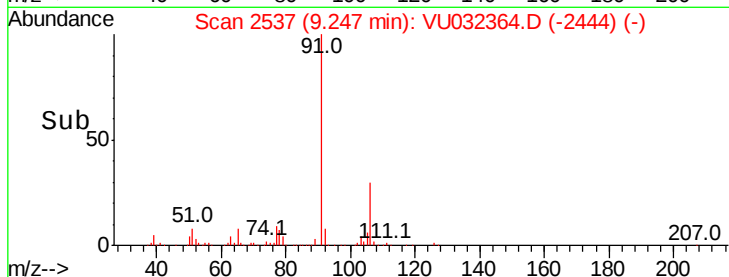
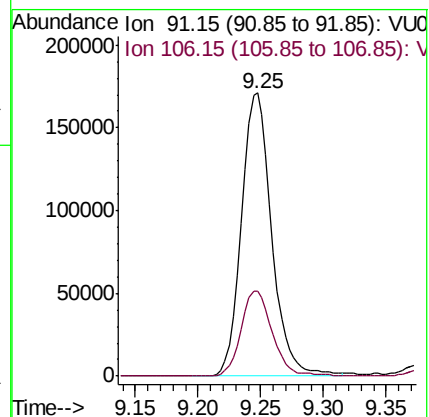
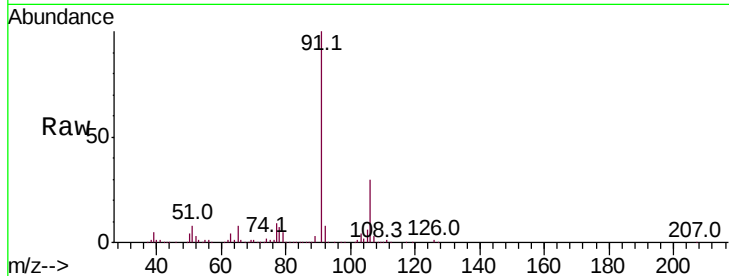
106 29.9 20.9 38.9

Manual Integrations

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5/30/2019 10:55:32 AM



#53

m,p-Xylene

Concen: 0.265 ug/L

RT: 9.38 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VU032364.D

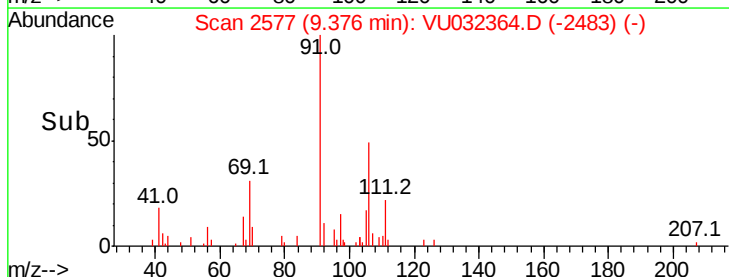
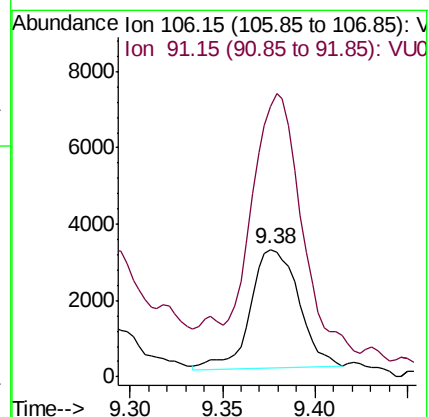
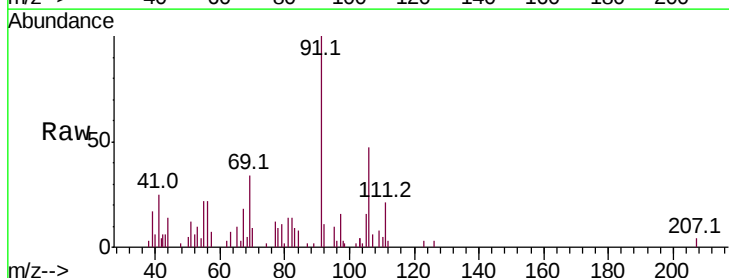
Acq: 29 May 2019 17:20

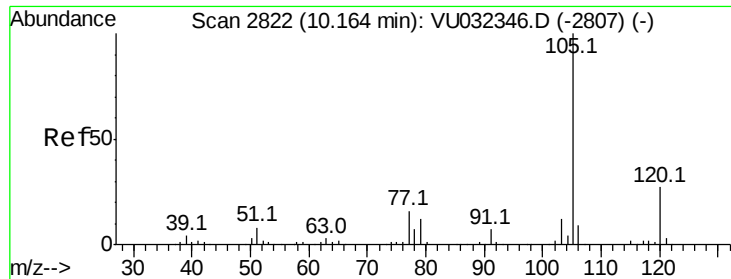
Tgt Ion: 106 Resp: 5665

Ion Ratio Lower Upper

106 100

91 211.9 143.9 267.2





#56

Isopropylbenzene

Concen: 1.350 ug/L

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU032364.D

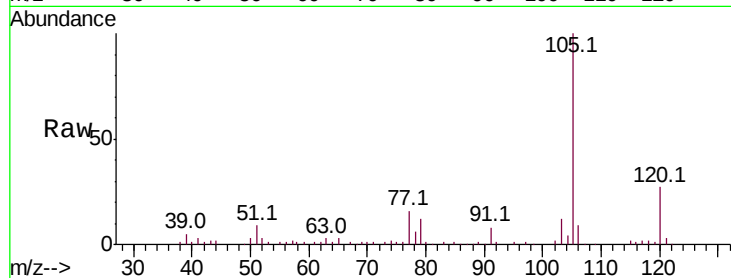
Acq: 29 May 2019 17:20

Instrument :

MSVOA_U

ClientSampleId :

C0C46DL



Tot Ion:105 Resp: 72822

Ion Ratio Lower Upper

105 100

120 26.8 21.0 31.6

77 15.2 11.9 17.9

Manual Integrations

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5/30/2019 10:55:32 AM

