

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
 Data File : VV016854.D
 Acq On : 12 Jun 2020 02:21
 Operator : SY/MD
 Sample : L2915-15DL 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E23DL

Manual Integrations
 APPROVED

MMDadoda
 6/12/2020 3:36:32 PM

Quant Time: Jun 12 07:24:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 05:55:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	359420	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	339227	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	168737	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	103130	40.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.32%
7) Chloroethane-d5	1.55	69	71519	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.11	63	139612	32.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.56%
21) 2-Butanone-d5	3.89	46	164747	87.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.77%
24) Chloroform-d	4.37	84	217228	42.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.24%
26) 1,2-Dichloroethane-d4	5.05	65	157627	44.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.88%
32) Benzene-d6	5.07	84	429492	43.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.84%
36) 1,2-Dichloropropane-d6	6.09	67	131430	43.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.24%
41) Toluene-d8	7.34	98	387798	43.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.44%
43) trans-1,3-Dichloropropene-	7.64	79	63477	39.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.96%
47) 2-Hexanone-d5	8.11	63	102870	77.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.41%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	171966	42.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	169482	47.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.14%

Target Compounds					Qvalue
29) Cyclohexane	4.69	56	4952m	1.175	ug/L
33) Benzene	5.12	78	1209118	120.469	ug/L 100
42) Toluene	7.41	91	203299	19.214	ug/L 100
52) Ethylbenzene	9.03	91	123703	10.555	ug/L 98
53) m,p-Xylene	9.16	106	7819	1.792	ug/L 99
54) o-xylene	9.57	106	9544	2.218	ug/L 97

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

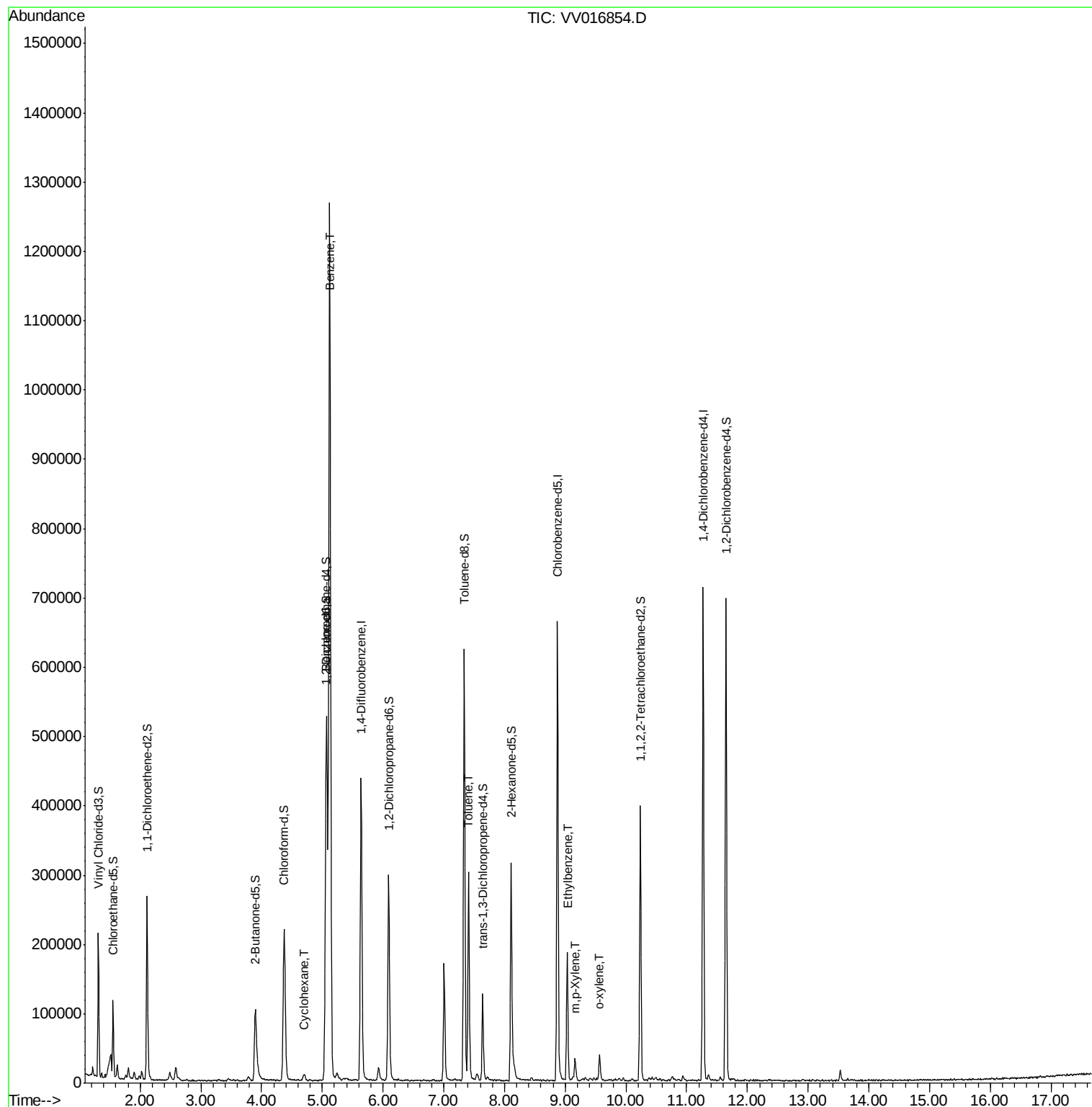
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
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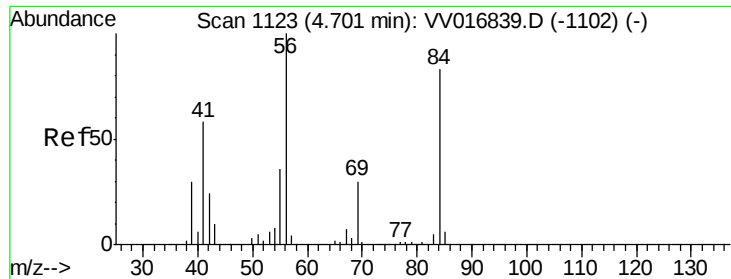
Instrument :
MSVOA_V
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Quant Time: Jun 12 07:24:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
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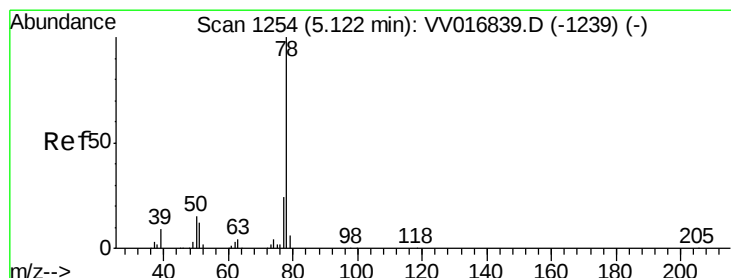
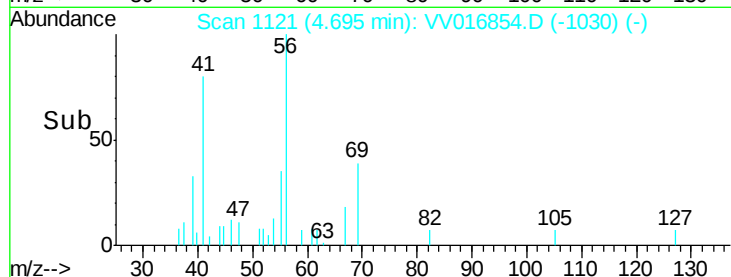
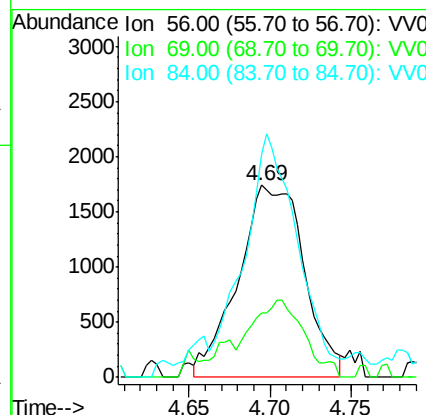
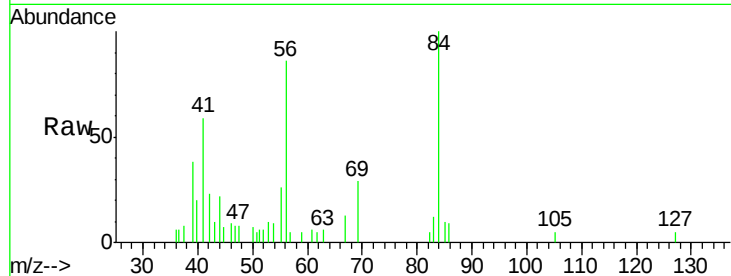
#29
Cyclohexane
Concen: 1.175 ug/L m
RT: 4.69 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VV016854.D
Acq: 12 Jun 2020 02:21

Instrument :
MSVOA_V
ClientSampleId :
F9E23DL

Tgt Ion: 56 Resp: 4952
Ion Ratio Lower Upper
56 100
69 24.5 25.0 37.4#
84 96.6 69.5 104.3

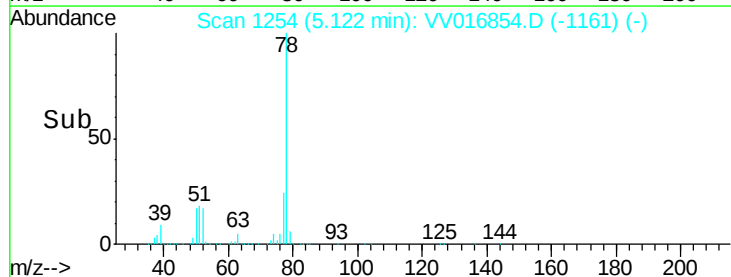
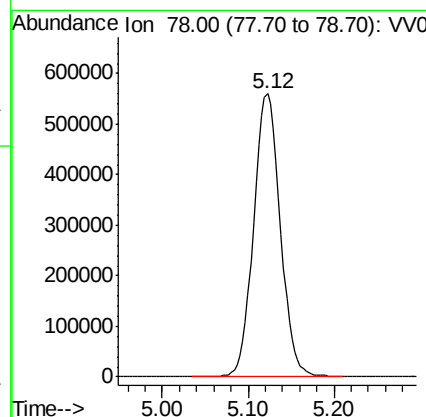
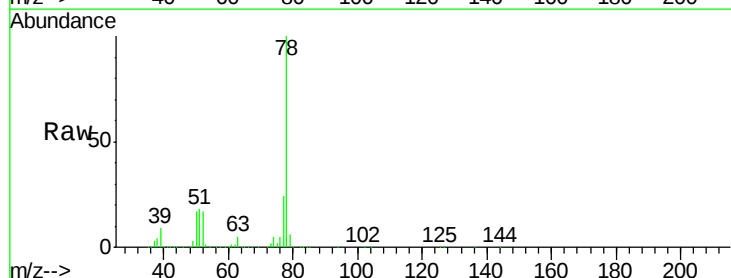
Manual Integrations
APPROVED

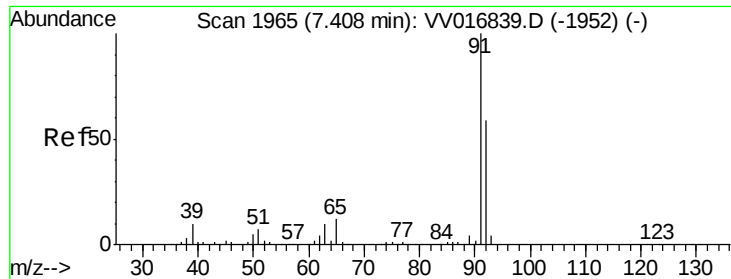
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#33
Benzene
Concen: 120.469 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV016854.D
Acq: 12 Jun 2020 02:21

Tgt Ion: 78 Resp: 1209118





#42

Toluene

Concen: 19.214 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV016854.D

Acq: 12 Jun 2020 02:21

Instrument :

MSVOA_V

ClientSampled :

F9E23DL

Tgt Ion: 91 Resp: 203299

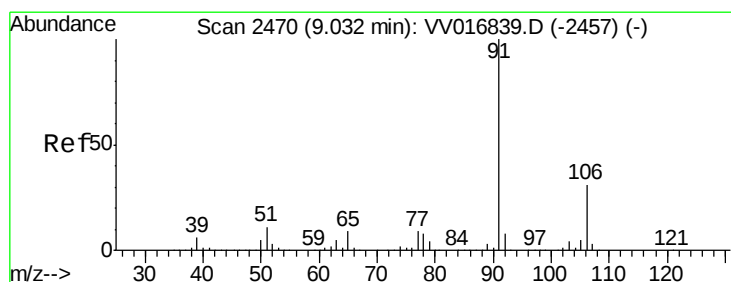
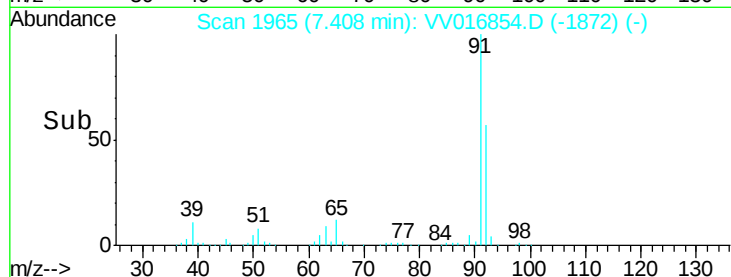
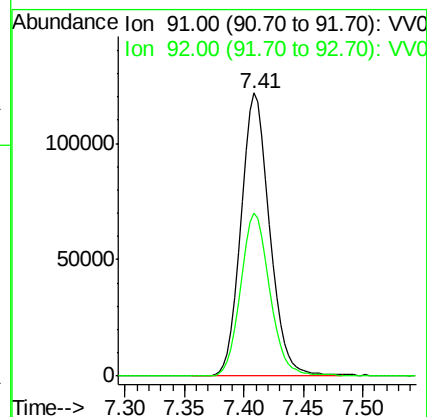
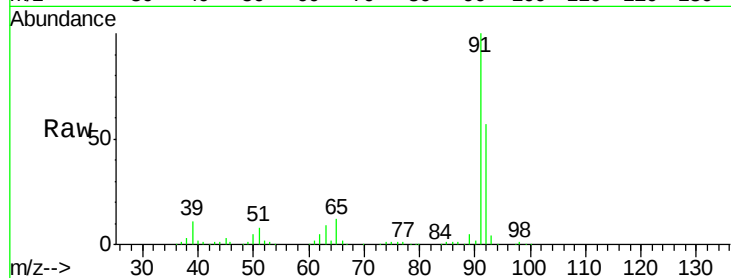
Ion Ratio Lower Upper

91 100

92 57.4 40.4 75.0

Manual Integrations
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#52

Ethylbenzene

Concen: 10.555 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV016854.D

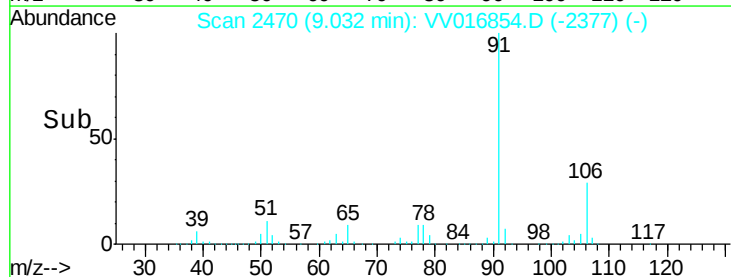
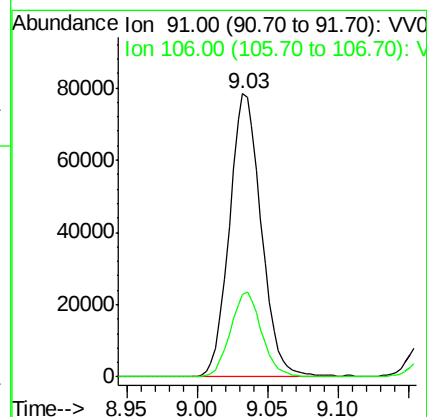
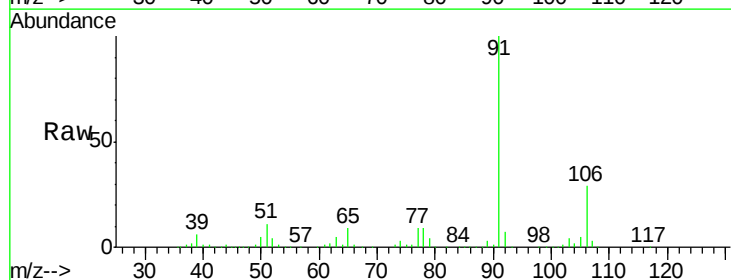
Acq: 12 Jun 2020 02:21

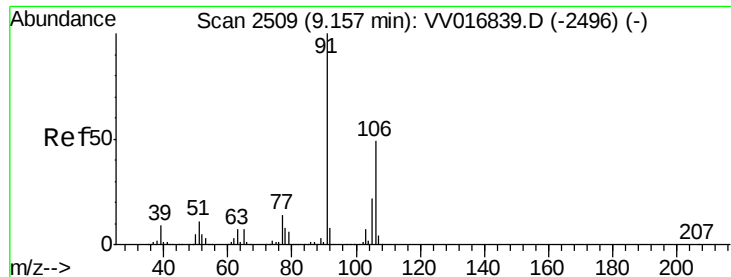
Tgt Ion: 91 Resp: 123703

Ion Ratio Lower Upper

91 100

106 29.2 21.1 39.1





#53

m,p-Xylene

Concen: 1.792 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV016854.D

Acq: 12 Jun 2020 02:21

Instrument :

MSVOA_V

ClientSampleId :

F9E23DL

Tgt Ion:106 Resp: 7819

Ion Ratio Lower Upper

106 100

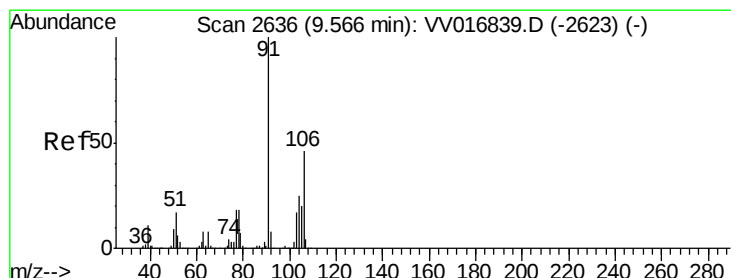
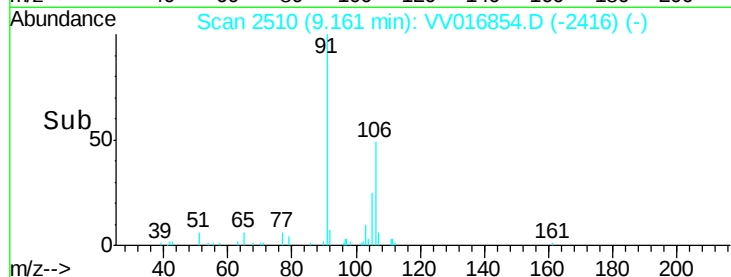
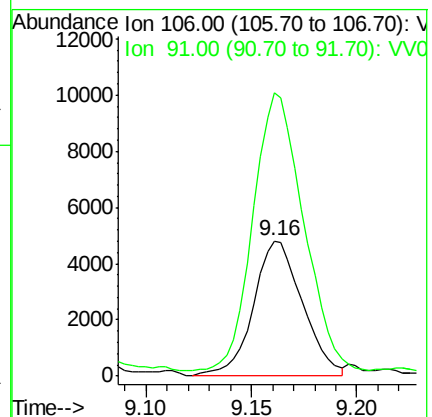
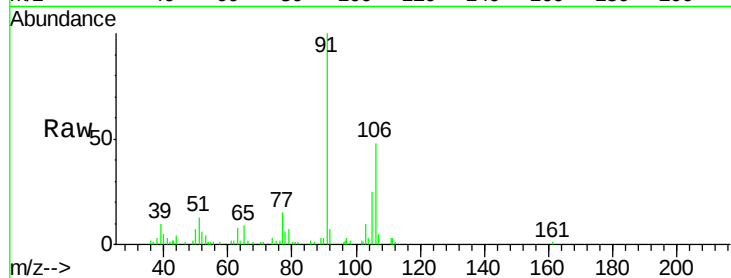
91 208.9 144.6 268.6

Manual Integrations

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#54

o-xylene

Concen: 2.218 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016854.D

Acq: 12 Jun 2020 02:21

Tgt Ion:106 Resp: 9544

Ion Ratio Lower Upper

106 100

91 218.1 155.9 289.5

