

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120921\
 Data File : VW023862.D
 Acq On : 09 Dec 2021 15:31
 Operator : SY/MD
 Sample : M4984-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW5S5

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2021
 Supervised By : Mahesh Dadoda 12/10/2021

Quant Time: Dec 10 00:43:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	105886	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	102197	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50444	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	27591	3.174	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	63.400%	
7) Chloroethane-d5	1.568	69	25500	3.732	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	74.600%	
11) 1,1-Dichloroethene-d2	2.108	63	43331	2.829	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	56.600%#	
20) 2-Butanone-d5	3.925	46	43775m	41.892	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	83.780%	
24) Chloroform-d	4.349	84	69575	4.597	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
26) 1,2-Dichloroethane-d4	5.037	65	34109	4.824	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.400%	
32) Benzene-d6	5.050	84	128942	4.632	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.600%	
36) 1,2-Dichloropropane-d6	6.069	67	38386	4.918	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.400%	
41) Toluene-d8	7.317	98	111388	4.282	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.600%	
43) trans-1,3-Dichloroprop...	7.629	79	14300	4.546	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.000%	
46) 2-Hexanone-d5	8.092	63	60878	58.244	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	116.480%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27793	4.949	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	48218	5.407	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.200%	
Target Compounds					Qvalue	
42) Toluene	7.400	91	4265	0.135	ug/L	98
47) Tetrachloroethene	7.979	164	579	0.082	ug/L #	68
53) m,p-xylene	9.140	106	1822	0.139	ug/L	87
54) o-xylene	9.548	106	2435	0.195	ug/L	83
55) Styrene	9.577	104	1181	0.056	ug/L	96
63) 1,2,4-Trimethylbenzene	10.915	105	1941	0.078	ug/L	100

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

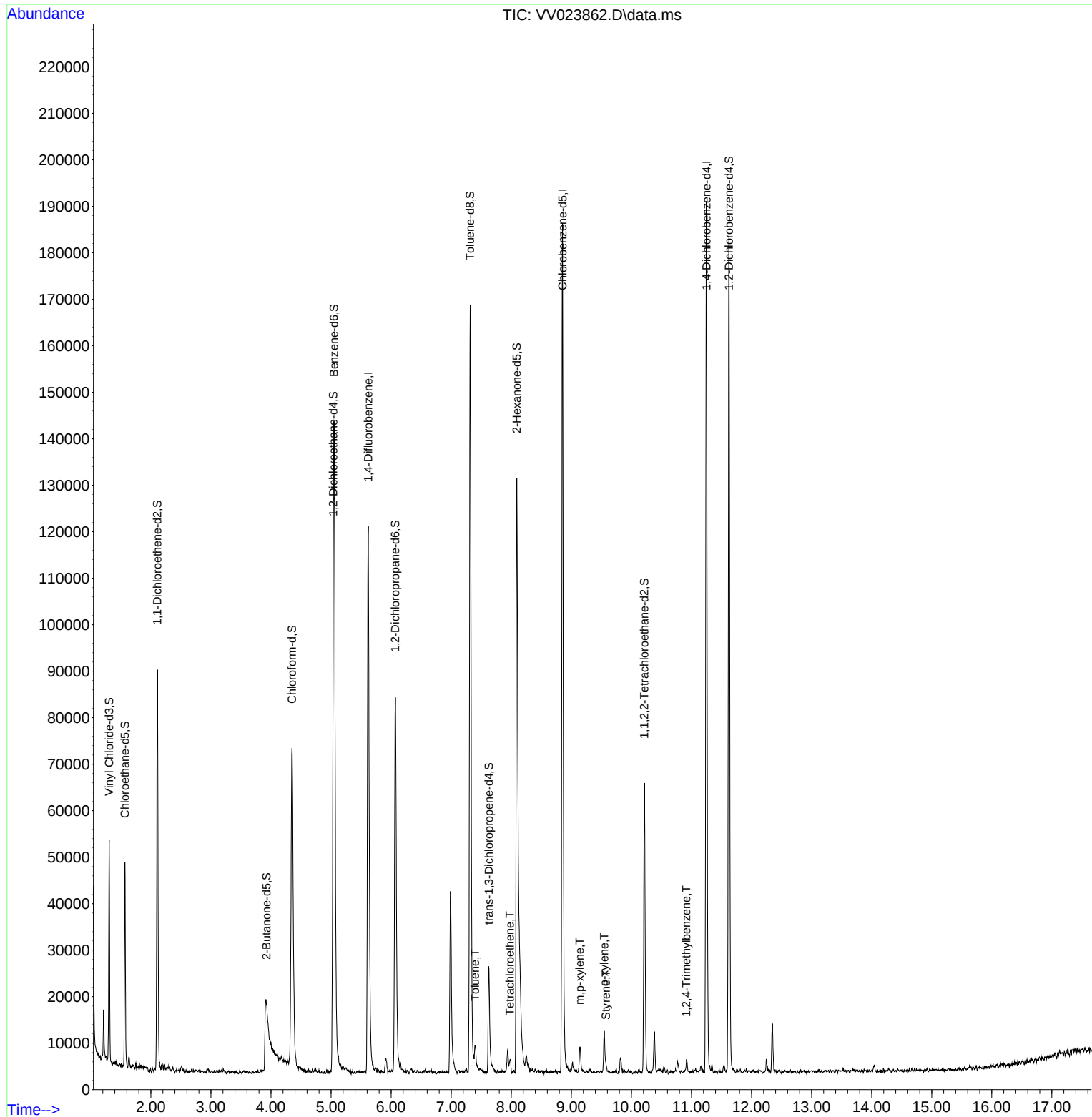
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120921\
Data File : VV023862.D
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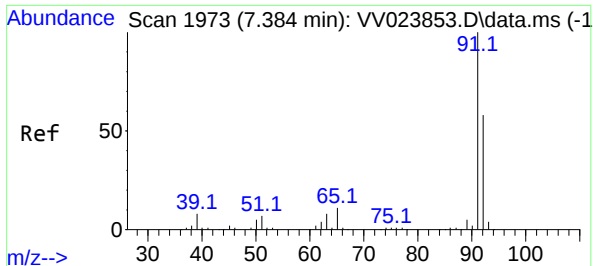
Instrument :
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 02 02:08:23 2021
Response via : Initial Calibration





#42

Toluene

Concen: 0.135 ug/L

RT: 7.400 min Scan# 1973

Delta R.T. 0.016 min

Lab File: VV023862.D

Acq: 09 Dec 2021 15:31

Instrument :

MSVOA_V

ClientSampleId :

EW5S5

Tgt Ion: 91 Resp: 426

Ion Ratio Lower Upper

91 100

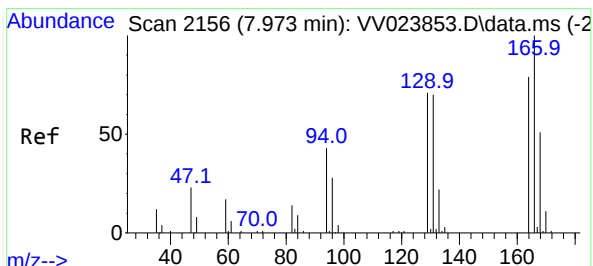
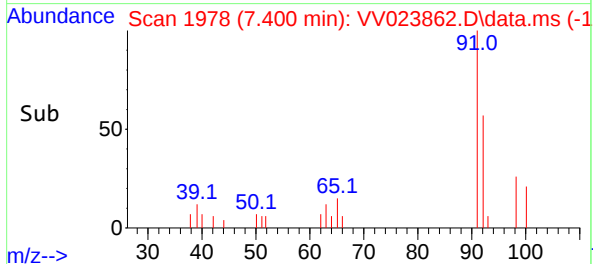
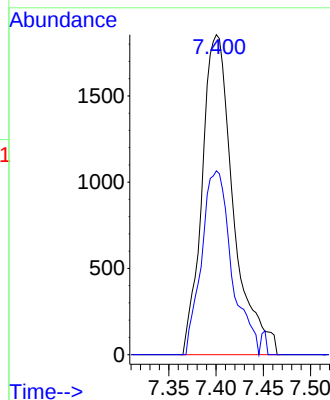
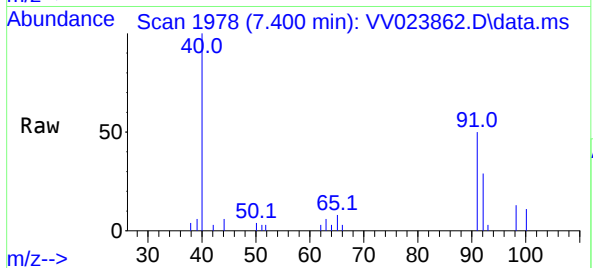
92 57.5 41.5 77.1

Manual Integrations

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#47

Tetrachloroethene

Concen: 0.082 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.007 min

Lab File: VV023862.D

Acq: 09 Dec 2021 15:31

Tgt Ion:164 Resp: 579

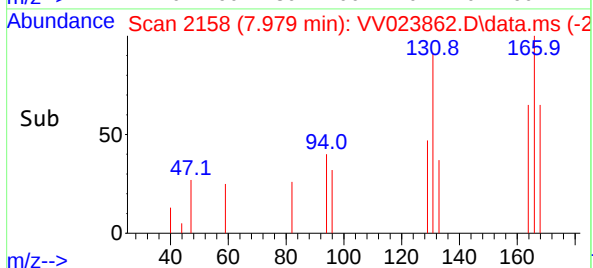
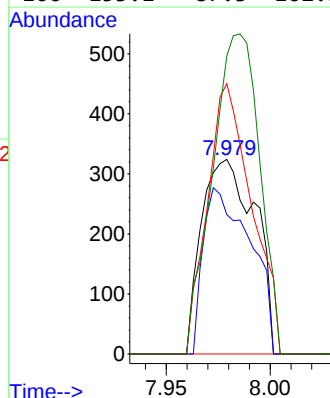
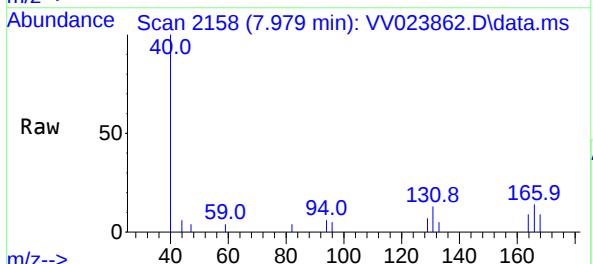
Ion Ratio Lower Upper

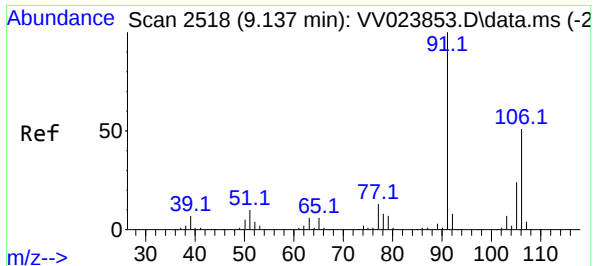
164 100

129 71.6 62.6 116.2

131 138.9 61.0 113.4#

166 153.1 87.3 162.1





#53

m,p-xylene

Concen: 0.139 ug/L

RT: 9.140 min Scan# 2518

Delta R.T. 0.003 min

Lab File: VV023862.D

Acq: 09 Dec 2021 15:31

Instrument :

MSVOA_V

ClientSampleId :

EW5S5

Tgt Ion:106 Resp: 182

Ion Ratio Lower Upper

106 100

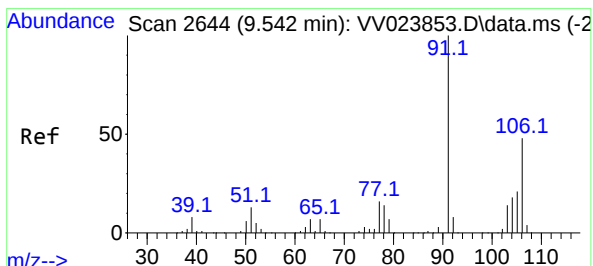
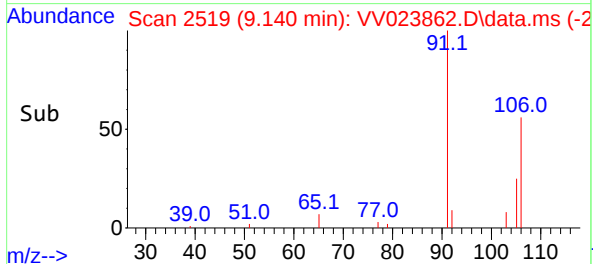
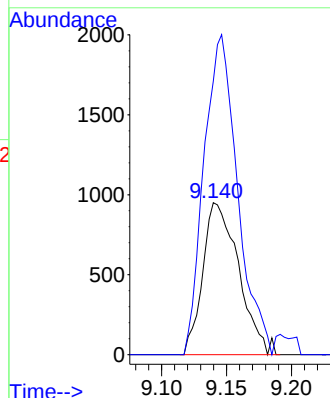
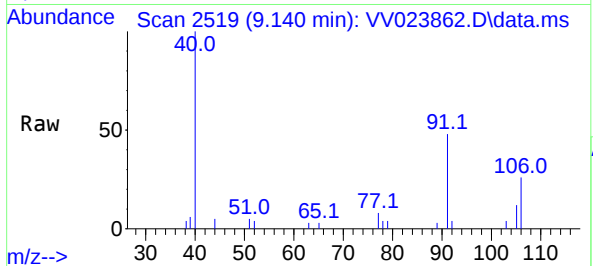
91 179.9 139.5 259.1

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#54

o-xylene

Concen: 0.195 ug/L

RT: 9.548 min Scan# 2646

Delta R.T. 0.007 min

Lab File: VV023862.D

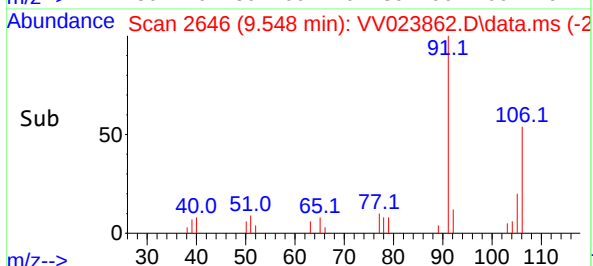
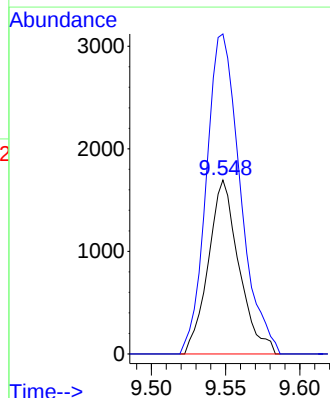
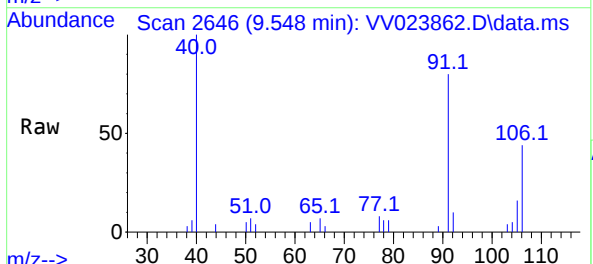
Acq: 09 Dec 2021 15:31

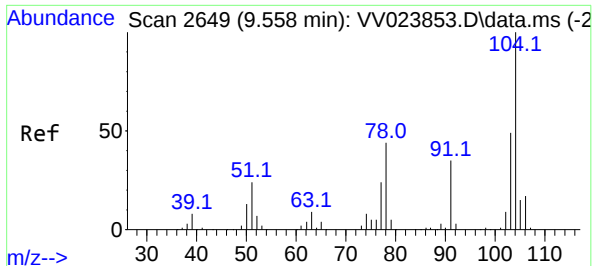
Tgt Ion:106 Resp: 2435

Ion Ratio Lower Upper

106 100

91 184.0 147.9 274.7





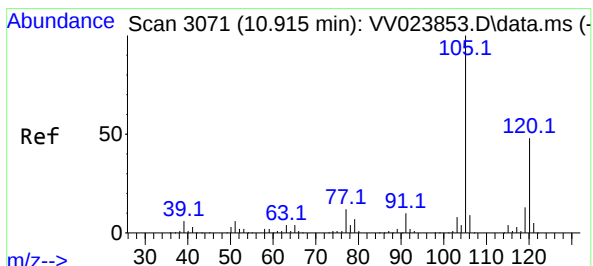
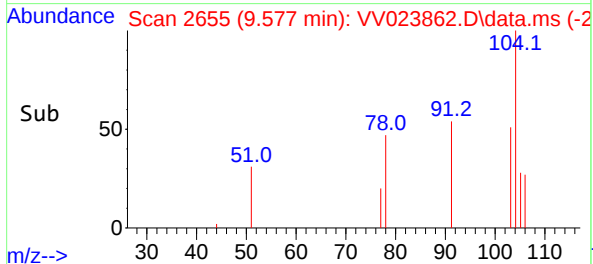
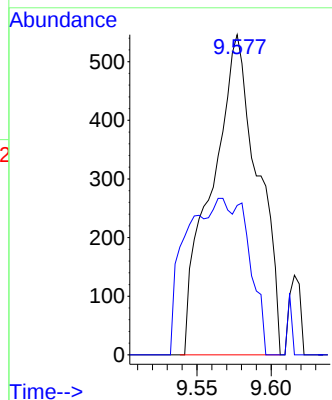
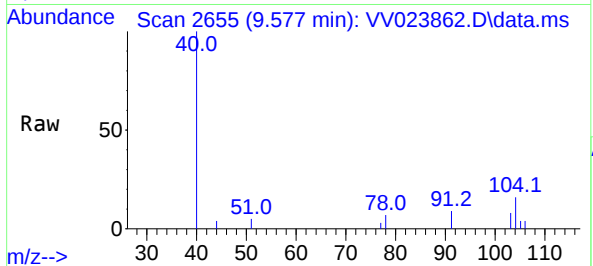
#55
Styrene
Concen: 0.056 ug/L
RT: 9.577 min Scan# 2055
Delta R.T. 0.019 min
Lab File: VV023862.D
Acq: 09 Dec 2021 15:31

Instrument :
MSVOA_V
ClientSampleId :
EW5S5

Tgt Ion:104 Resp: 118
Ion Ratio Lower Upper
104 100
78 46.7 31.0 57.6

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#63
1,2,4-Trimethylbenzene
Concen: 0.078 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV023862.D
Acq: 09 Dec 2021 15:31

Tgt Ion:105 Resp: 1941
Ion Ratio Lower Upper
105 100
120 45.6 36.7 55.1

