Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110121\
Data File : VV023131.D
Acq On : 01 Nov 2021 21:19
Operator : SY/MD
Sample : M4400-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG347

Quant Time: Nov 02 01:18:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 02 01:11:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	120078	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	122639	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	57585	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	28225	2.690	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 53.800%			
7) Chloroethane-d5	1.568	69	27944	4.305	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.200%			
11) 1,1-Dichloroethene-d2	2.108	63	46679	3.084	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.600%			
20) 2-Butanone-d5	3.892	46	91357	54.277	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.560%			
24) Chloroform-d	4.352	84	84935	4.979	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.600%			
26) 1,2-Dichloroethane-d4	5.037	65	40426	5.028	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.600%			
32) Benzene-d6	5.053	84	157150	4.389	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.800%			
36) 1,2-Dichloropropane-d6	6.072	67	49590	4.499	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.000%			
41) Toluene-d8	7.317	98	134640	4.186	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.800%			
43) trans-1,3-Dichloroprop...	7.625	79	17304	4.481	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.600%			
46) 2-Hexanone-d5	8.092	63	73006	51.061	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.120%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35268	4.634	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.600%			
66) 1,2-Dichlorobenzene-d4	11.625	152	55044	5.357	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.200%			
Target Compounds						Qvalue
13) Acetone	2.179	43	6137	7.432	ug/L	83
42) Toluene	7.394	91	52355	1.565	ug/L	99
52) Ethylbenzene	9.024	91	3304	0.100	ug/L	96
53) m,p-xylene	9.143	106	5087	0.382	ug/L	99
54) o-xylene	9.548	106	1904	0.152	ug/L	97
63) 1,2,4-Trimethylbenzene	10.921	105	2938	0.126	ug/L	95

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

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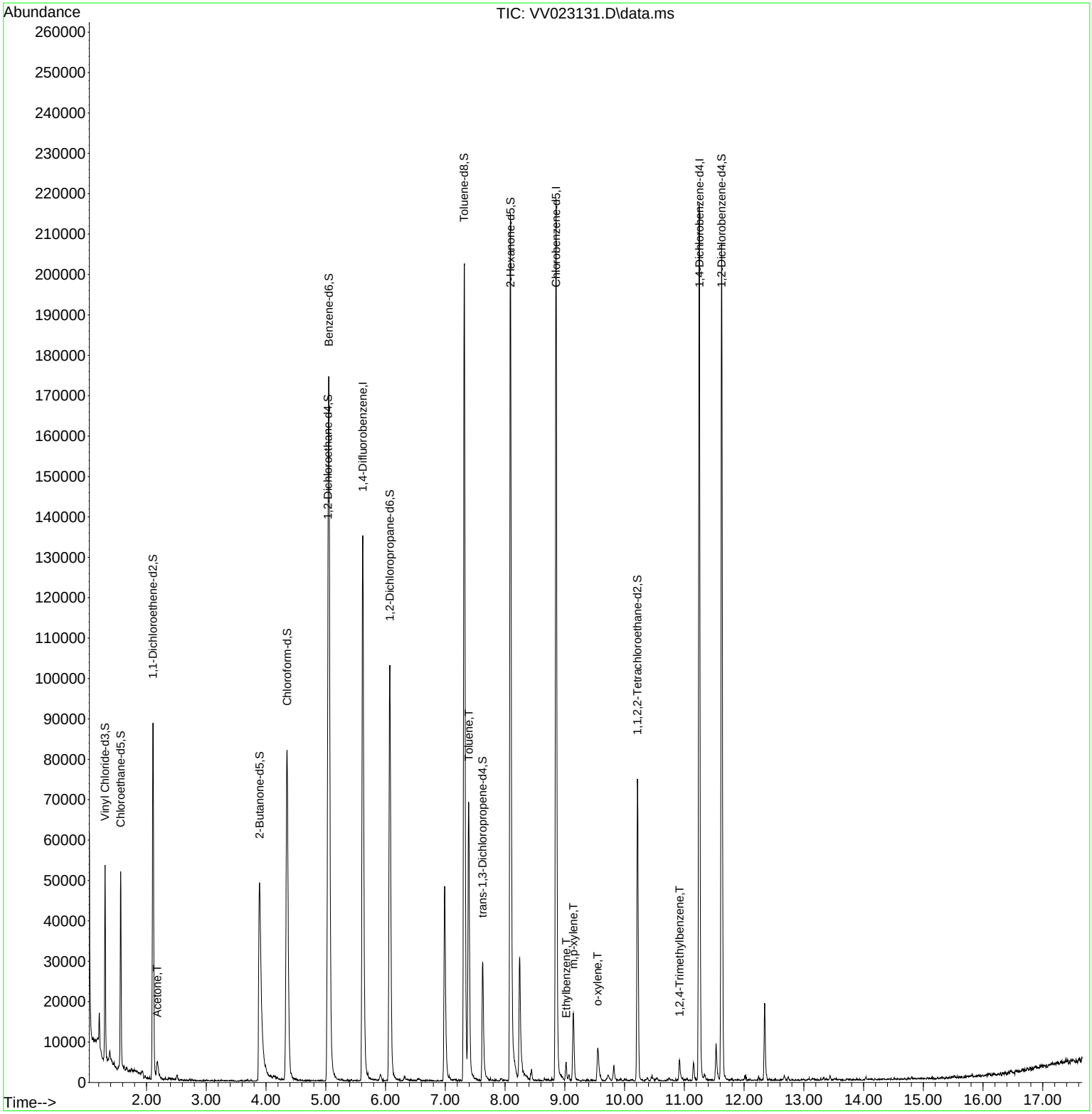
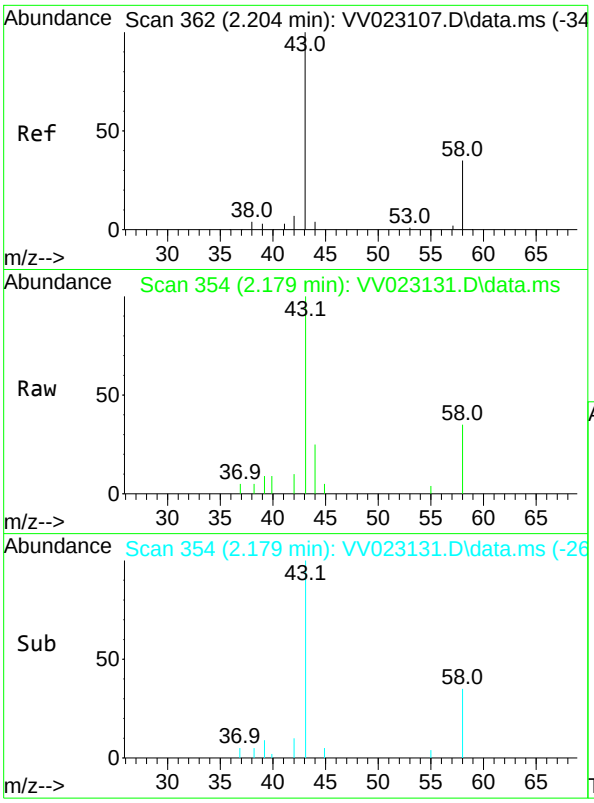


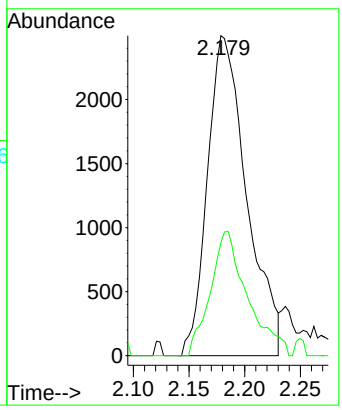


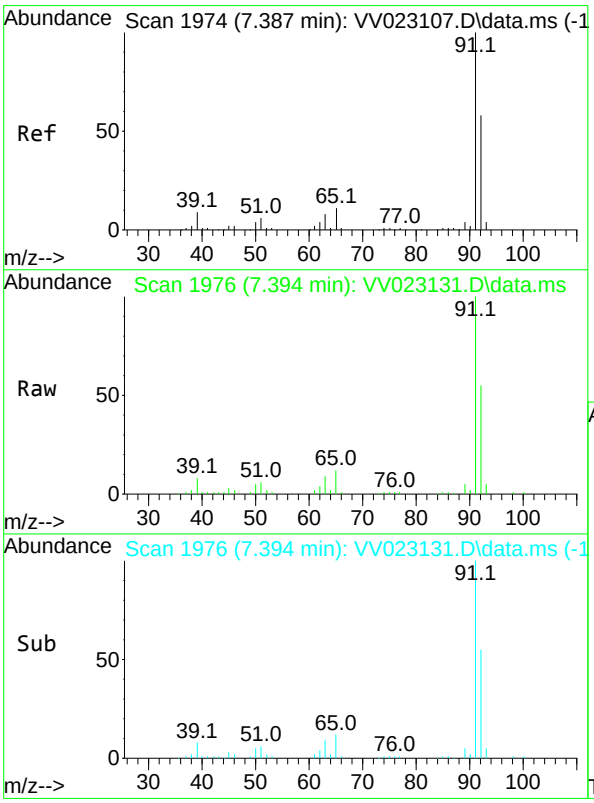
#13
Acetone
Concen: 7.432 ug/L
RT: 2.179 min Scan# 3
Delta R.T. -0.026 min
Lab File: VV023131.D
Acq: 01 Nov 2021 21:19

Instrument :
MSVOA_V
ClientSampleId :
BG347

Tgt Ion: 43 Resp: 6137

Ion	Ratio	Lower	Upper
43	100		
58	36.6	0.0	55.4

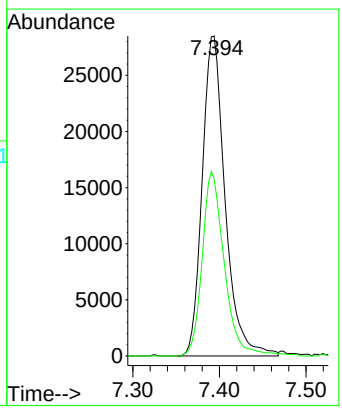


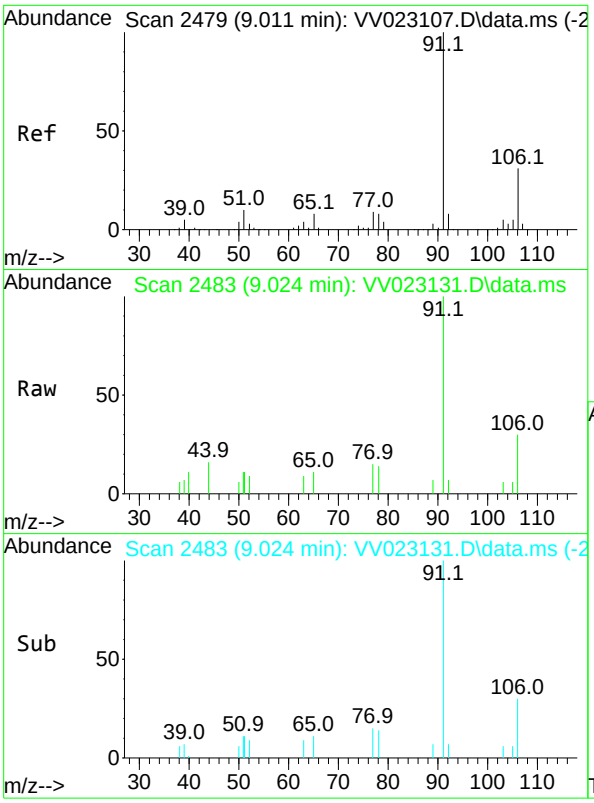


#42
Toluene
Concen: 1.565 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VV023131.D
Acq: 01 Nov 2021 21:19

Tgt Ion: 91 Resp: 52355

Ion	Ratio	Lower	Upper
91	100		
92	55.4	39.3	72.9



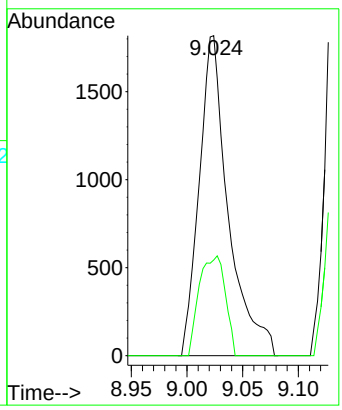


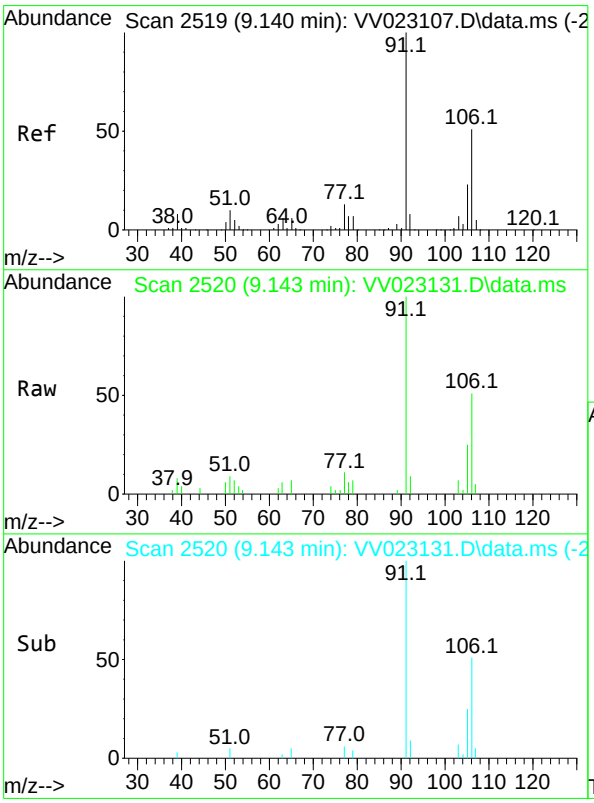
#52
Ethylbenzene
Concen: 0.100 ug/L
RT: 9.024 min Scan# 24
Delta R.T. 0.013 min
Lab File: VV023131.D
Acq: 01 Nov 2021 21:19

Instrument :
MSVOA_V
ClientSampleId :
BG347

Tgt Ion: 91 Resp: 3304

Ion	Ratio	Lower	Upper
91	100		
106	29.9	22.5	41.9

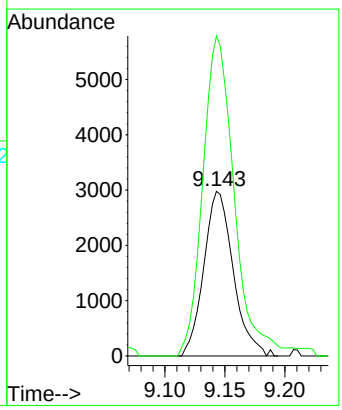


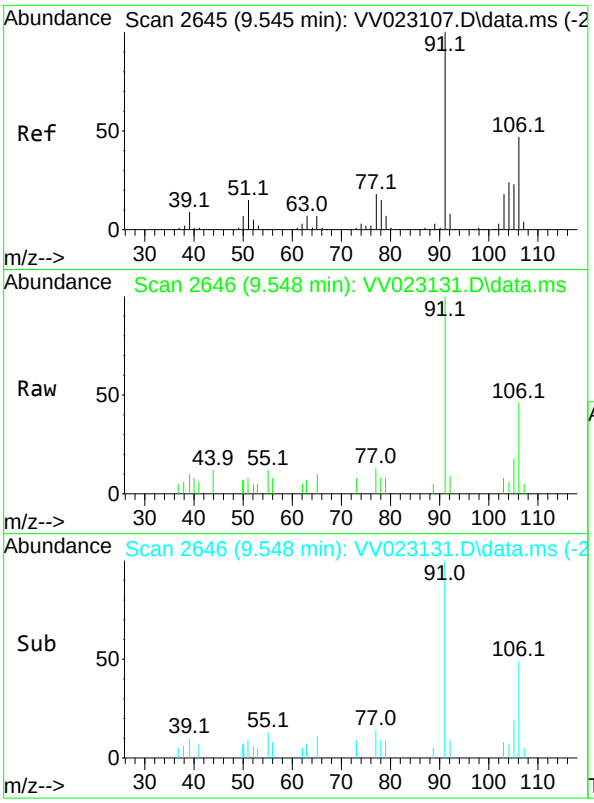


#53
m,p-xylene
Concen: 0.382 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV023131.D
Acq: 01 Nov 2021 21:19

Tgt Ion:106 Resp: 5087

Ion	Ratio	Lower	Upper
106	100		
91	194.4	137.2	254.8



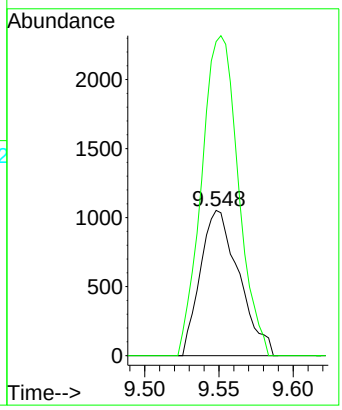


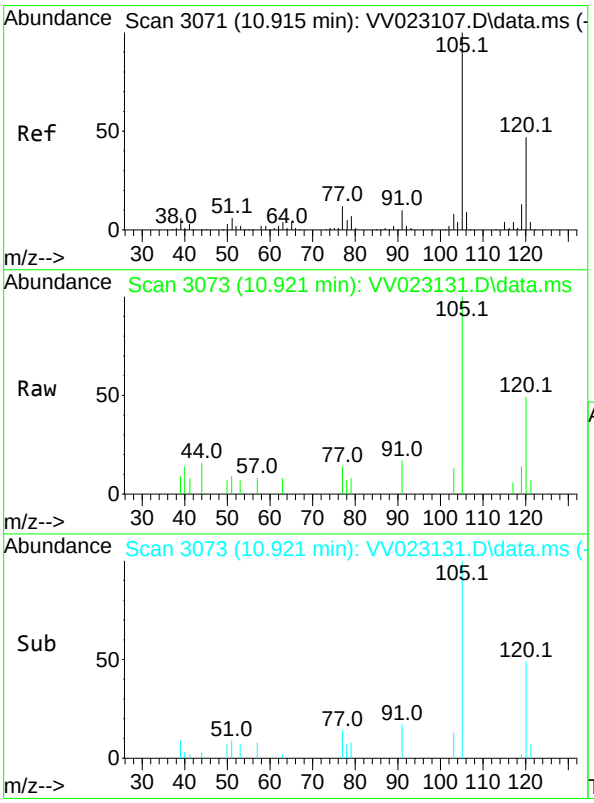
#54
o-xylene
Concen: 0.152 ug/L
RT: 9.548 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV023131.D
Acq: 01 Nov 2021 21:19

Instrument :
MSVOA_V
ClientSampleId :
BG347

Tgt Ion:106 Resp: 1904

Ion	Ratio	Lower	Upper
106	100		
91	216.3	148.3	275.5





#63
1,2,4-Trimethylbenzene
Concen: 0.126 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.006 min
Lab File: VV023131.D
Acq: 01 Nov 2021 21:19

Tgt Ion:105 Resp: 2938

Ion	Ratio	Lower	Upper
105	100		
120	43.3	37.4	56.2