

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072519\
 Data File : VV012031.D
 Acq On : 25 Jul 2019 16:23
 Operator : SY/MD
 Sample : K3960-04
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB9A9

Quant Time: Jul 26 03:10:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 26 02:35:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	130052	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	127518	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63196	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27850	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.58	69	25067	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.13	63	47541	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	3.94	46	104440	52.86	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.72%
24) Chloroform-d	4.40	84	84482	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.08	65	48545	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.10	84	165257	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.12	67	49149	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.36	98	148598	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.66	79	18271	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.13	63	82514	49.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35146	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	63366	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

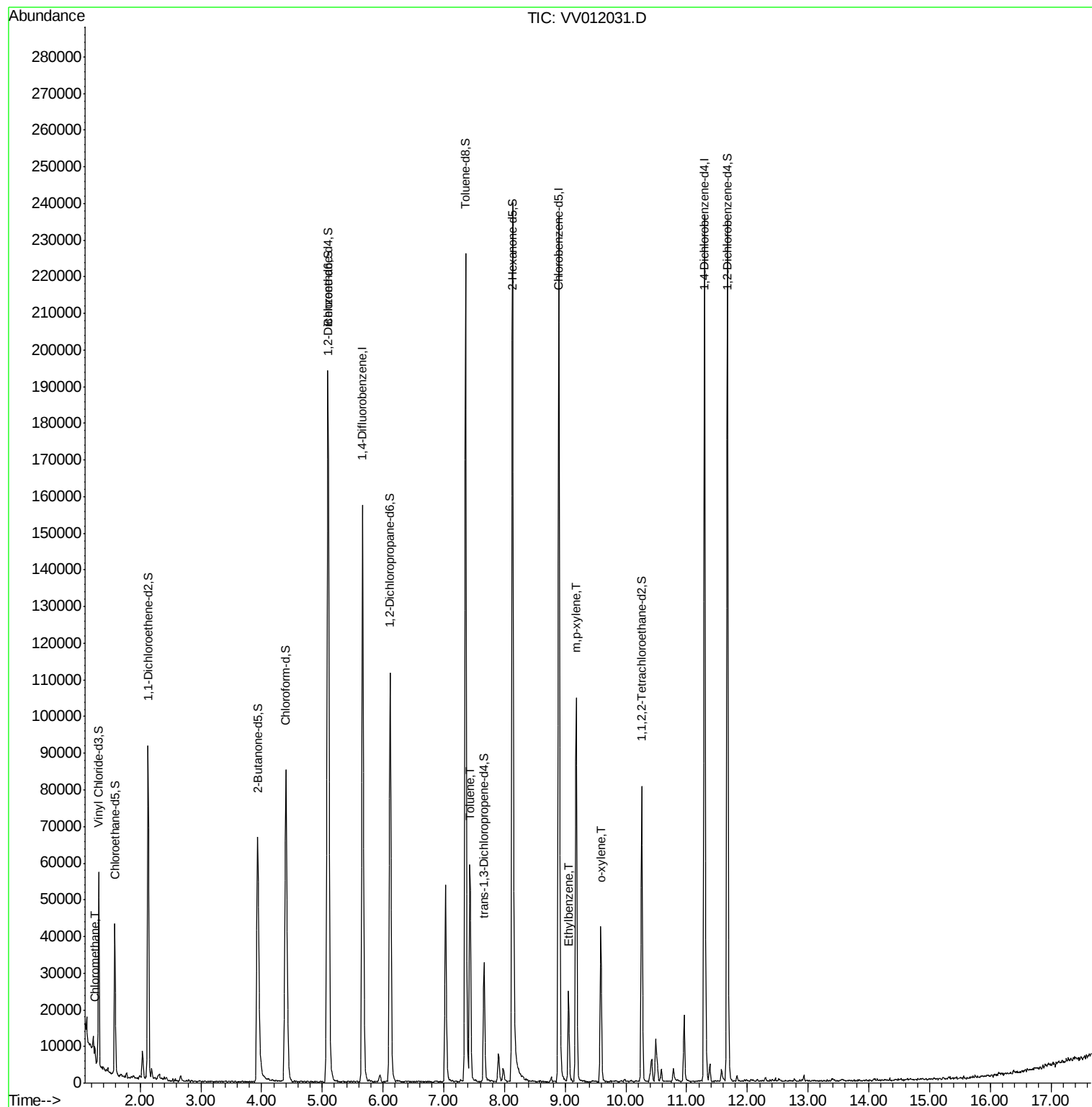
					Ovalue
3) Chloromethane	1.25	50	1990	0.255 ug/L	97
42) Toluene	7.43	91	40737	1.012 ug/L	98
52) Ethylbenzene	9.05	91	16590	0.361 ug/L	98
53) m,p-xylene	9.18	106	29343	1.677 ug/L	99
54) o-xylene	9.59	106	10866	0.655 ug/L	93

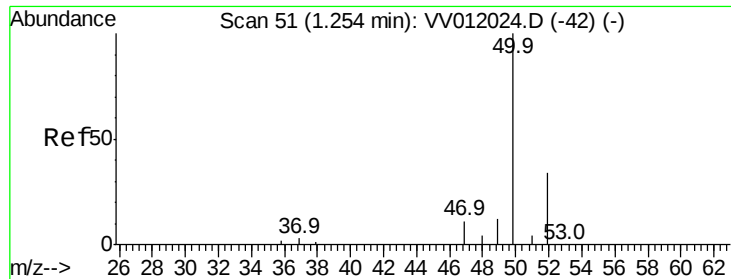
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.255 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV012031.D

Acq: 25 Jul 2019 16:23

Instrument :

MSVOA_V

ClientSampleId :

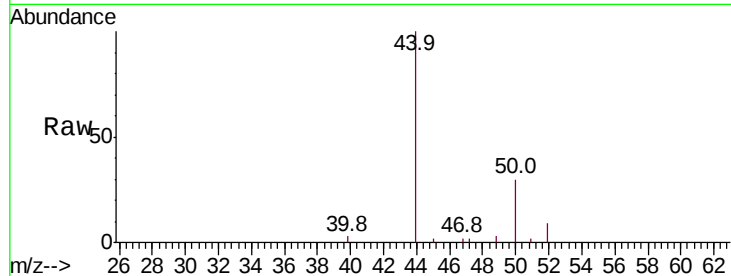
DB9A9

Tot Ion: 50 Resp: 1990

Ion Ratio Lower Upper

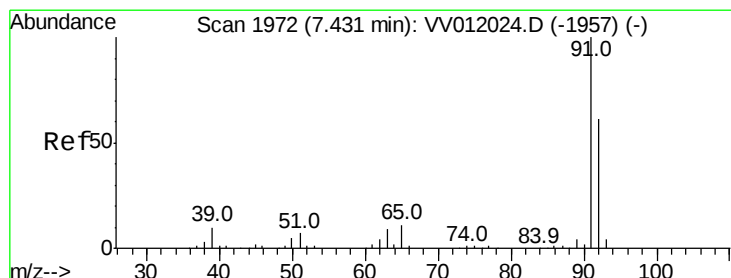
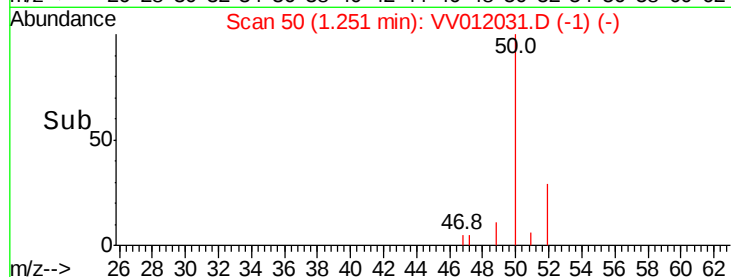
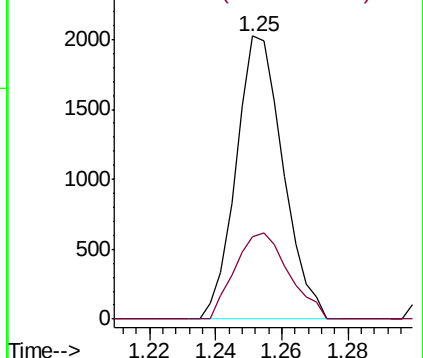
50 100

52 29.2 21.6 40.2



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#42

Toluene

Concen: 1.012 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012031.D

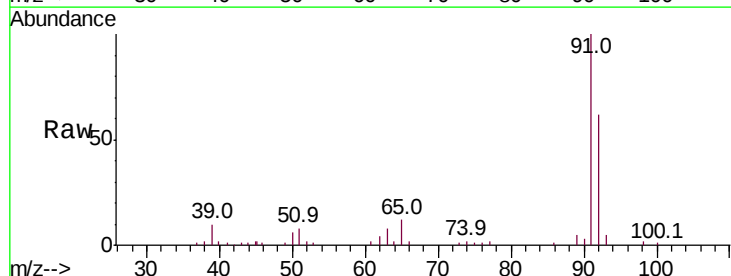
Acq: 25 Jul 2019 16:23

Tgt Ion: 91 Resp: 40737

Ion Ratio Lower Upper

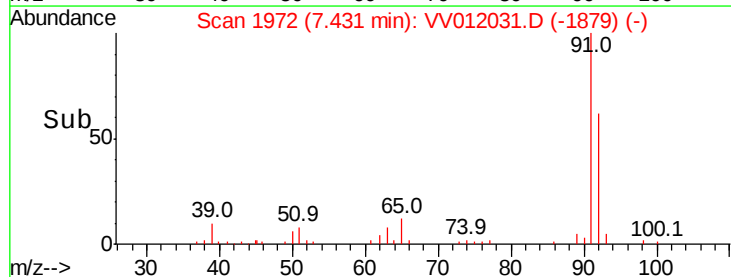
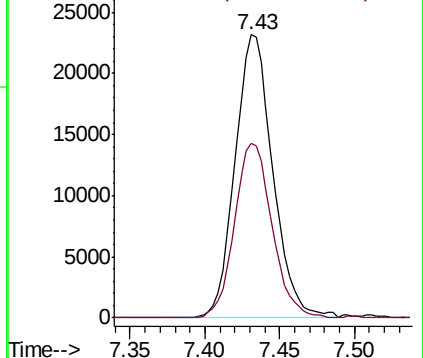
91 100

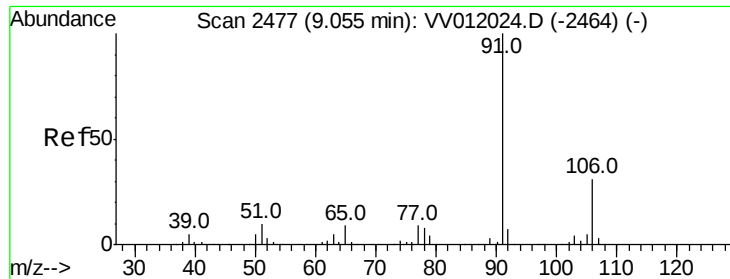
92 61.5 41.9 77.9



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

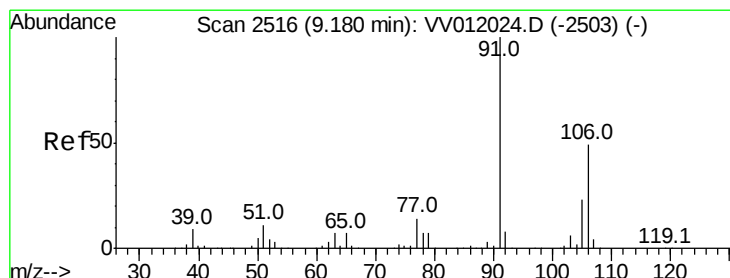
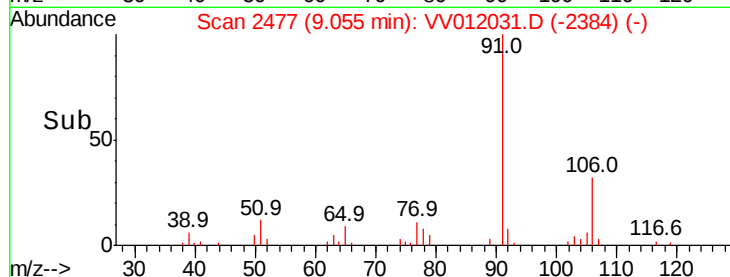
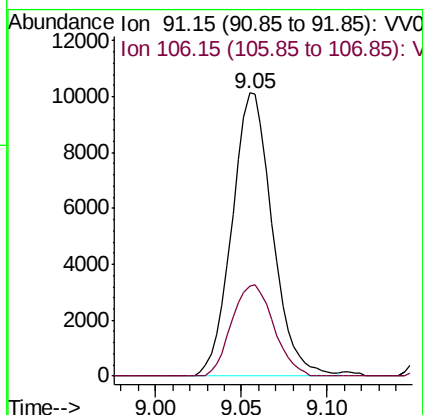
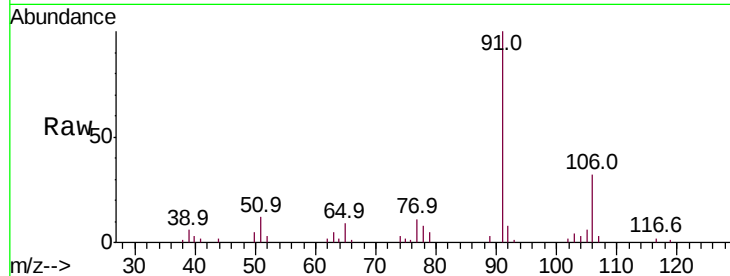




#52
Ethylbenzene
Concen: 0.361 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV012031.D
Acq: 25 Jul 2019 16:23

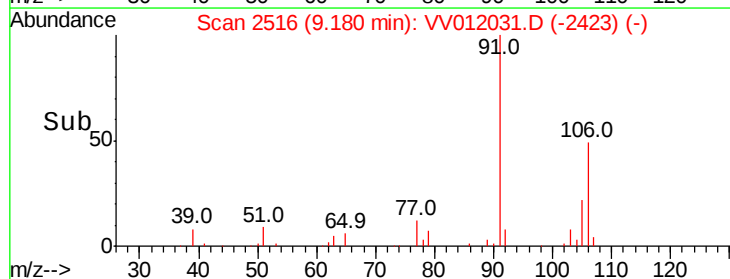
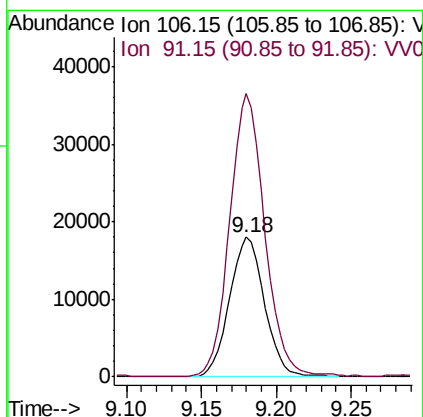
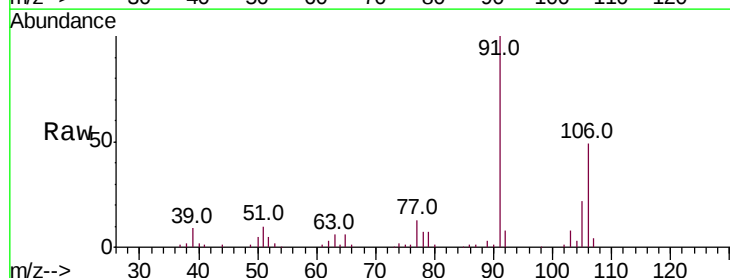
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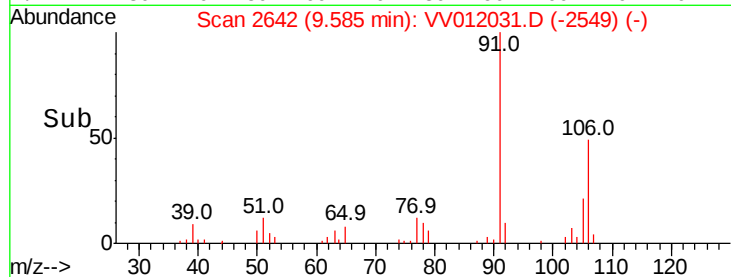
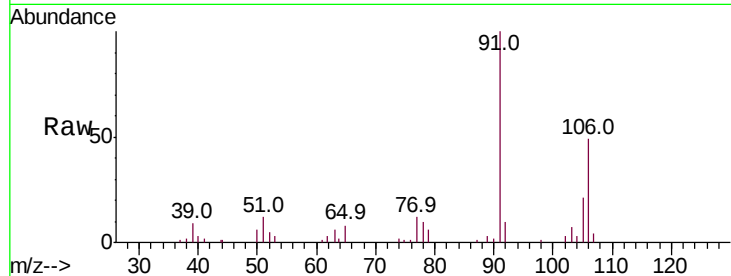
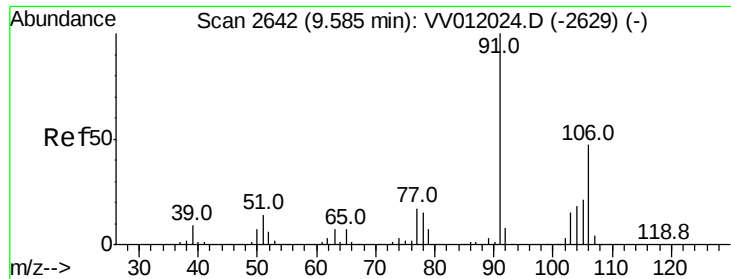
Tot Ion: 91 Resp: 16590
Ion Ratio Lower Upper
91 100
106 31.9 21.6 40.0



#53
m,p-xylene
Concen: 1.677 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV012031.D
Acq: 25 Jul 2019 16:23

Tgt Ion: 106 Resp: 29343
Ion Ratio Lower Upper
106 100
91 202.6 142.7 265.1





#54
o-xylene
Concen: 0.655 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV012031.D
Acq: 25 Jul 2019 16:23

Instrument :
MSVOA_V
ClientSampleId :
DB9A9

Tot Ion:106 Resp: 10866
Ion Ratio Lower Upper
106 100
91 204.9 151.0 280.4

