

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102321\
 Data File : VV023023.D
 Acq On : 23 Oct 2021 20:35
 Operator : SY/MD
 Sample : M4277-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

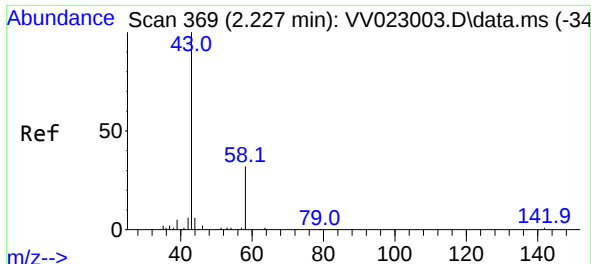
Instrument :
 MSVOA_V
 ClientSampleId :
 BFGE2

Quant Time: Oct 25 01:10:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 25 01:03:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	81071	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	82946	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	34481	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37232	5.256	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.200%
7) Chloroethane-d5	1.558	69	21382	4.880	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.101	63	45056	4.409	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	3.883	46	94722	83.353	ug/L	-0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	166.700%#
24) Chloroform-d	4.349	84	65019	5.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.000%
26) 1,2-Dichloroethane-d4	5.034	65	33955	6.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.000%
32) Benzene-d6	5.050	84	128857	5.321	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.400%
36) 1,2-Dichloropropane-d6	6.069	67	41089	5.512	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.200%
41) Toluene-d8	7.316	98	101333	4.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	7.628	79	12597	4.823	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.095	63	64033	66.217	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	132.440%#
56) 1,1,2,2-Tetrachloroeth...	10.220	84	33117	6.434	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	128.600%#
66) 1,2-Dichlorobenzene-d4	11.628	152	37738	6.134	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.600%#
Target Compounds					Qvalue	
13) Acetone	2.169	43	95186	170.725	ug/L	88
16) Methylene chloride	2.503	84	1897	0.416	ug/L	88
17) Methyl tert-butyl Ether	2.764	73	1198	0.121	ug/L #	70
22) cis-1,2-Dichloroethene	3.908	96	9717	1.934	ug/L #	89
25) Chloroform	4.381	83	3844	0.357	ug/L	89
34) Trichloroethene	5.918	95	2207	0.394	ug/L	91
42) Toluene	7.400	91	4203	0.186	ug/L	92
47) Tetrachloroethene	7.979	164	9948	2.100	ug/L	98
53) m,p-xylene	9.156	106	746	0.083	ug/L	78

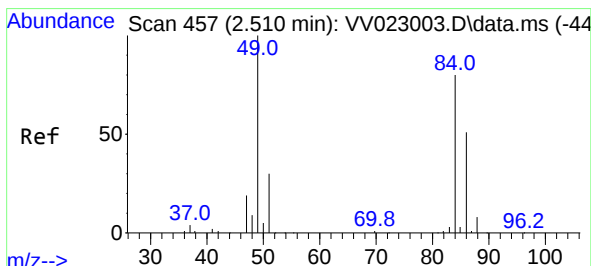
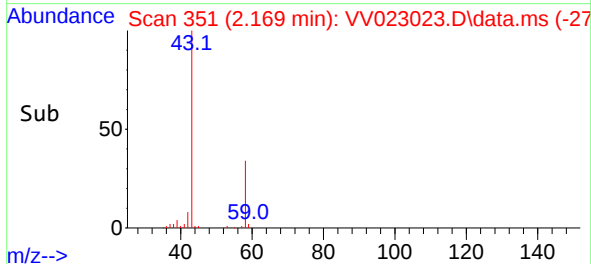
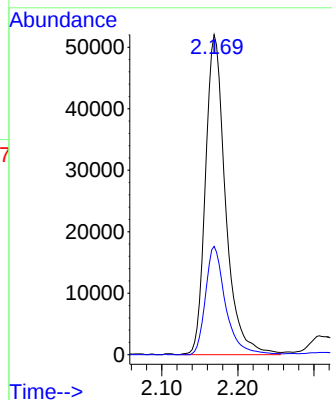
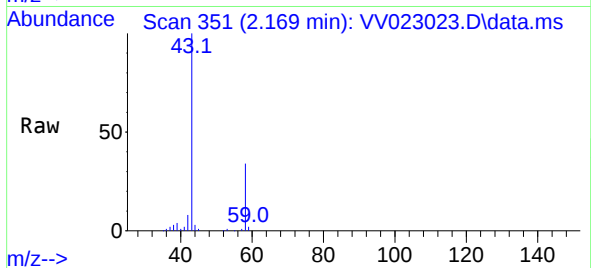
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#13
Acetone
Concen: 170.725 ug/L
RT: 2.169 min Scan# 31
Delta R.T. -0.058 min
Lab File: VV023023.D
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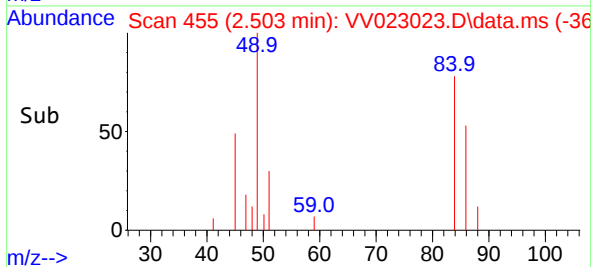
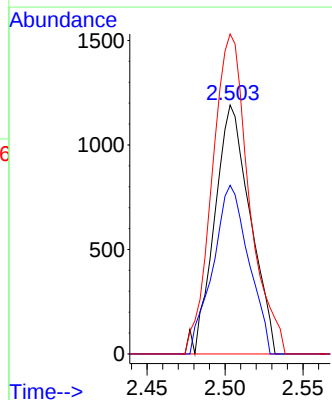
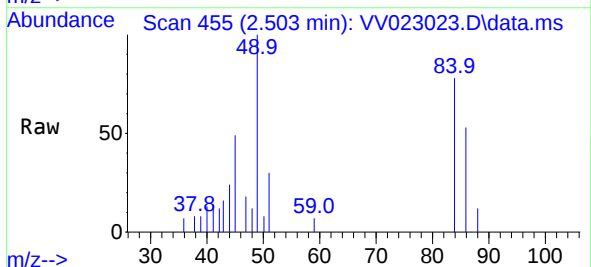
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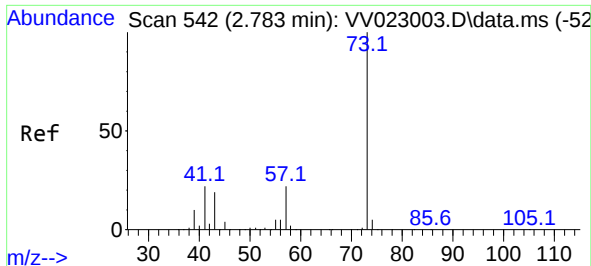
Tgt Ion: 43 Resp: 95186
Ion Ratio Lower Upper
43 100
58 33.9 0.0 55.4



#16
Methylene chloride
Concen: 0.416 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.006 min
Lab File: VV023023.D
Acq: 23 Oct 2021 20:35

Tgt Ion: 84 Resp: 1897
Ion Ratio Lower Upper
84 100
86 67.8 42.3 78.5
49 128.5 79.7 148.1

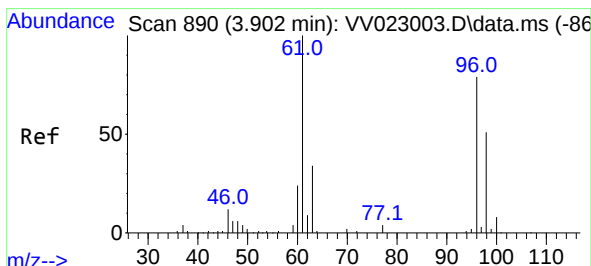
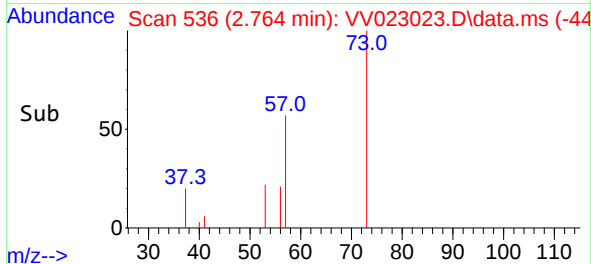
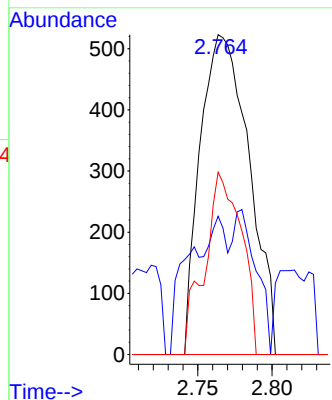
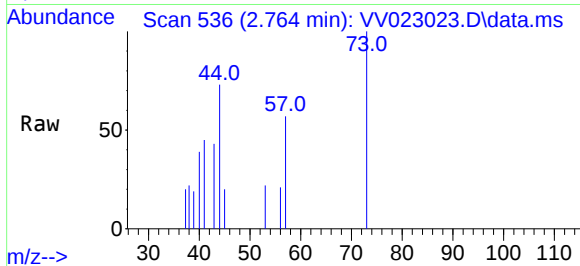




#17
Methyl tert-butyl Ether
Concen: 0.121 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.019 min
Lab File: VV023023.D
Acq: 23 Oct 2021 20:35

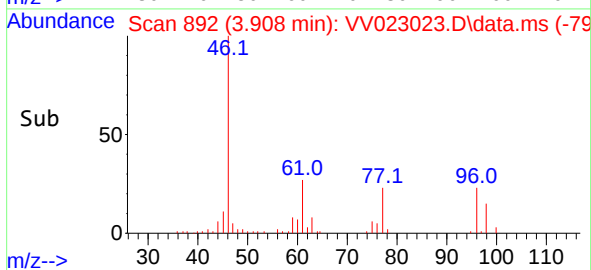
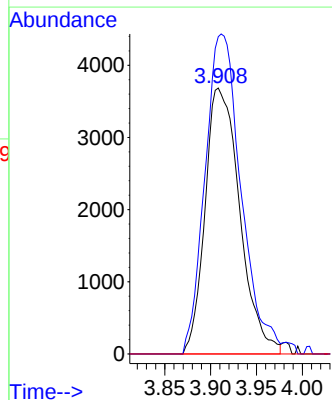
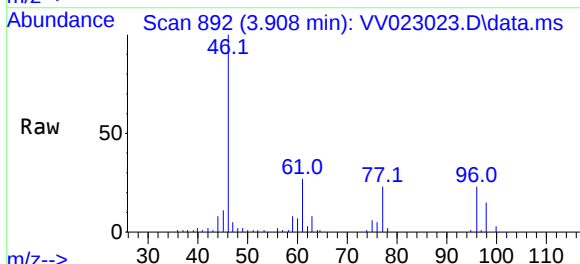
Instrument :
MSVOA_V
ClientSampleId :
BFGE2

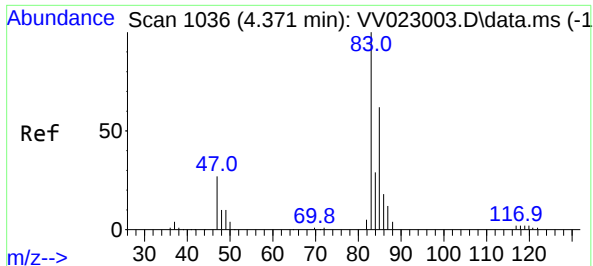
Tgt Ion: 73 Resp: 1198
Ion Ratio Lower Upper
73 100
43 15.8 17.4 26.0#
57 42.8 16.5 24.7#



#22
cis-1,2-Dichloroethene
Concen: 1.934 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.006 min
Lab File: VV023023.D
Acq: 23 Oct 2021 20:35

Tgt Ion: 96 Resp: 9717
Ion Ratio Lower Upper
96 100
61 119.3 92.3 171.3
68 0.0 0.4 0.8#





#25

Chloroform

Concen: 0.357 ug/L

RT: 4.381 min Scan# 1036

Delta R.T. 0.010 min

Lab File: VV023023.D

Acq: 23 Oct 2021 20:35

Instrument :

MSVOA_V

ClientSampleId :

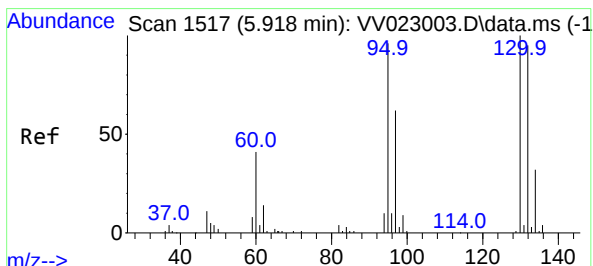
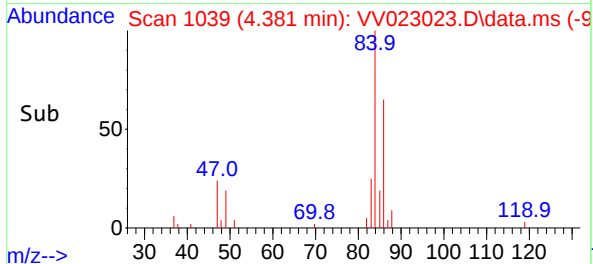
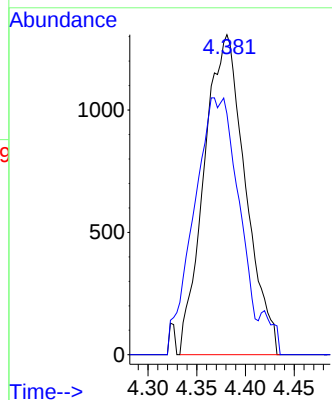
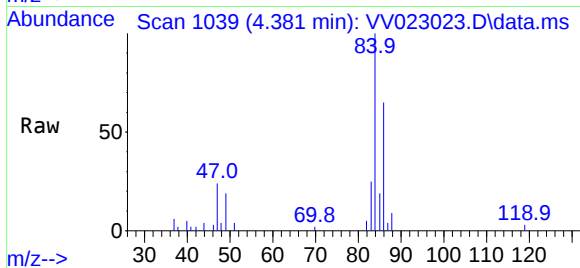
BFGE2

Tgt Ion: 83 Resp: 3844

Ion Ratio Lower Upper

83 100

85 75.3 46.8 86.8



#34

Trichloroethene

Concen: 0.394 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VV023023.D

Acq: 23 Oct 2021 20:35

Tgt Ion: 95 Resp: 2207

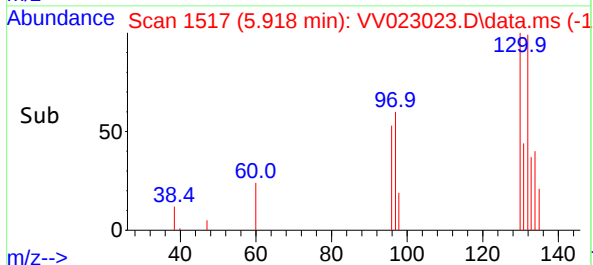
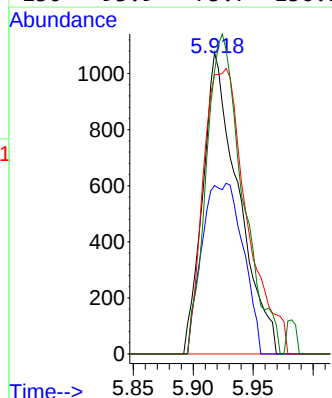
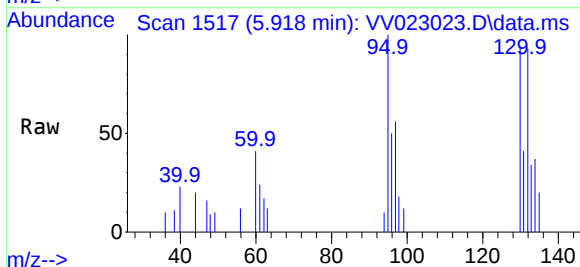
Ion Ratio Lower Upper

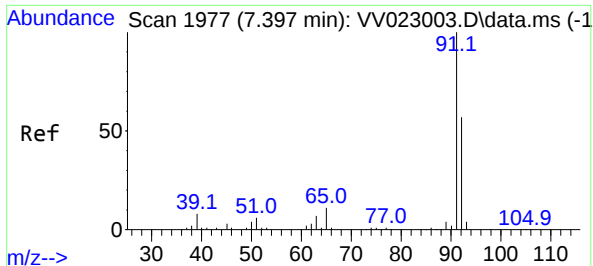
95 100

97 56.0 45.0 83.6

132 92.7 69.7 129.4

130 93.9 73.7 136.9

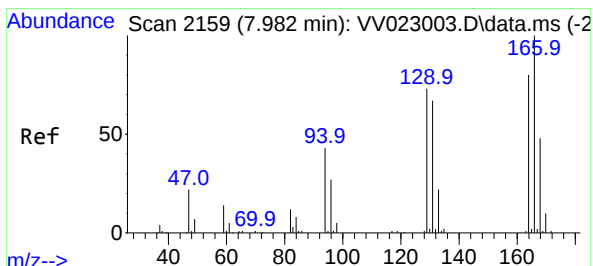
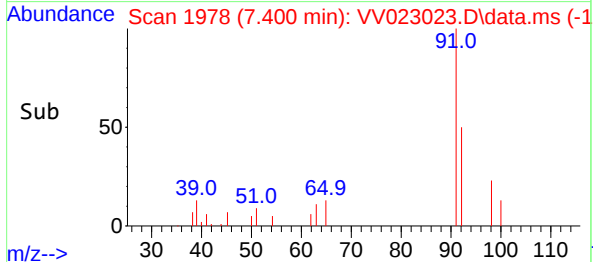
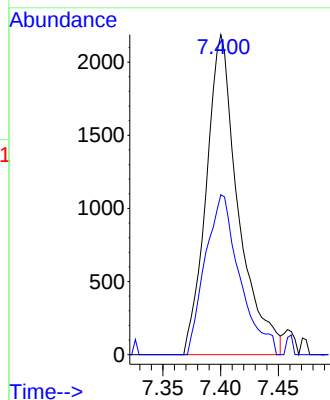
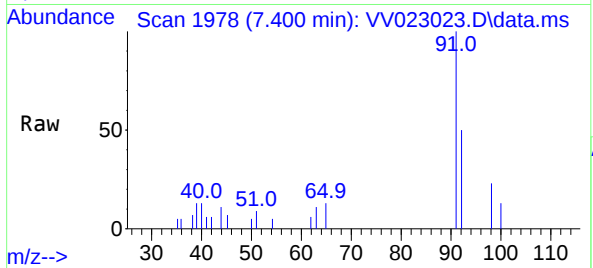




#42
Toluene
Concen: 0.186 ug/L
RT: 7.400 min Scan# 1977
Delta R.T. 0.003 min
Lab File: VV023023.D
Acq: 23 Oct 2021 20:35

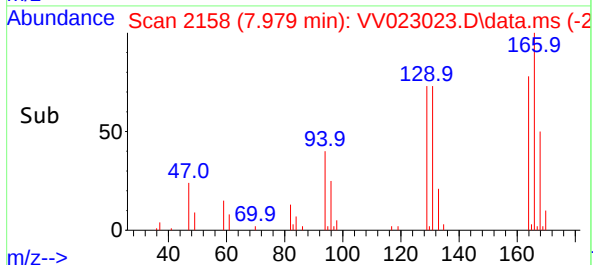
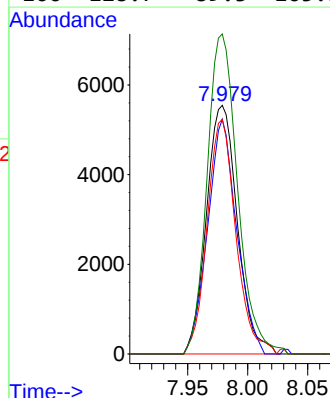
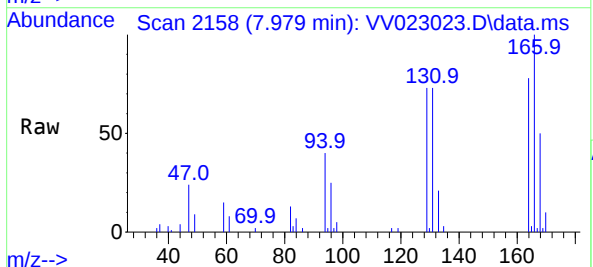
Instrument :
MSVOA_V
ClientSampleId :
BFGE2

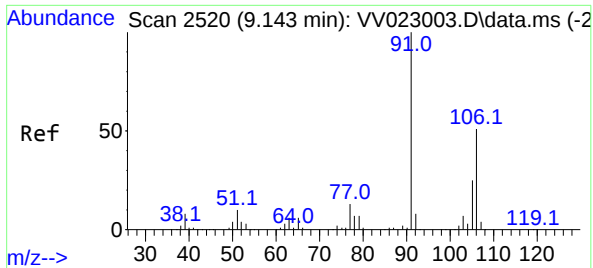
Tgt Ion: 91 Resp: 4203
Ion Ratio Lower Upper
91 100
92 50.0 39.3 72.9



#47
Tetrachloroethene
Concen: 2.100 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.003 min
Lab File: VV023023.D
Acq: 23 Oct 2021 20:35

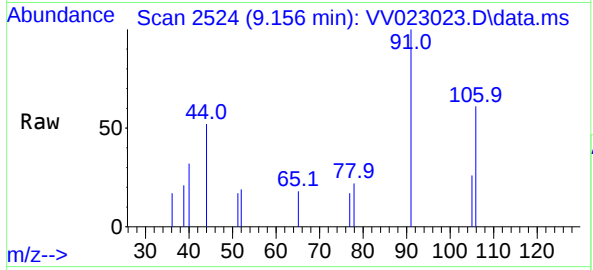
Tgt Ion: 164 Resp: 9948
Ion Ratio Lower Upper
164 100
129 94.4 64.0 119.0
131 94.4 63.4 117.8
166 128.7 89.3 165.9





#53
 m,p-xylene
 Concen: 0.083 ug/L
 RT: 9.156 min Scan# 21
 Delta R.T. 0.013 min
 Lab File: VV023023.D
 Acq: 23 Oct 2021 20:35

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGE2



Tgt Ion:106 Resp: 746

Ion	Ratio	Lower	Upper
106	100		
91	163.2	137.2	254.8

