

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022444.D
 Acq On : 30 Sep 2021 20:07
 Operator : SY/MD
 Sample : M3979-04DL 4X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A45DL

Quant Time: Oct 01 02:44:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 02:38:11 2021
 Response via : Initial Calibration

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

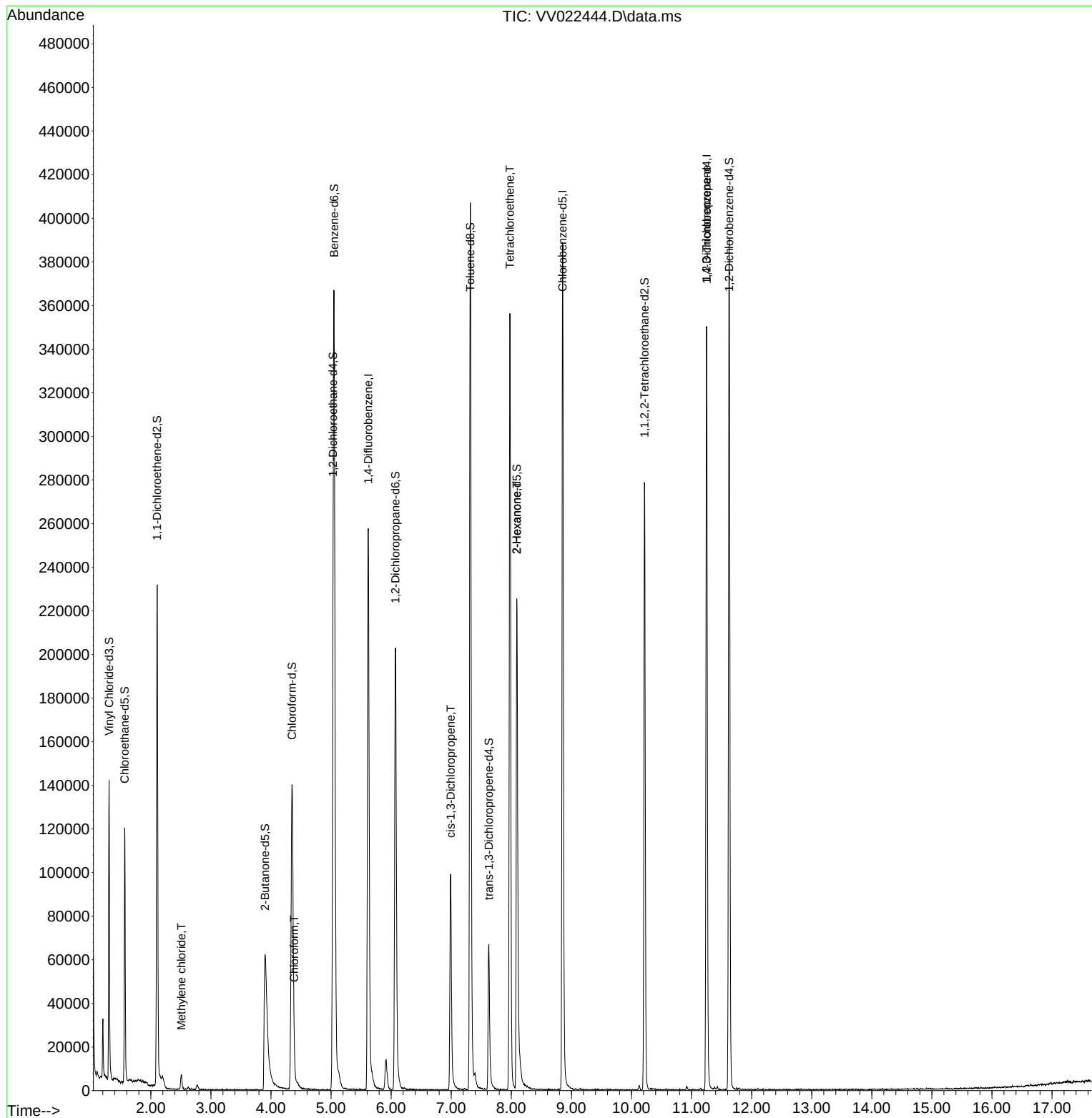
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	233785	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	226305	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	96591	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	86771	43.735	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.460%		
7) Chloroethane-d5	1.564	69	69988	44.599	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.200%		
11) 1,1-Dichloroethene-d2	2.104	63	117599	34.092	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.180%		
21) 2-Butanone-d5	3.902	46	128548	91.807	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.810%		
24) Chloroform-d	4.349	84	146185	40.804	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.600%		
26) 1,2-Dichloroethane-d4	5.034	65	92937	42.302	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.600%		
32) Benzene-d6	5.050	84	322253	45.264	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.520%		
36) 1,2-Dichloropropane-d6	6.072	67	101719	44.660	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.320%		
41) Toluene-d8	7.317	98	279480	42.889	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.780%		
43) trans-1,3-Dichloroprop...	7.625	79	41057	39.476	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.960%		
47) 2-Hexanone-d5	8.091	63	79015	85.378	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.380%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	133517	40.384	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.760%		
66) 1,2-Dichlorobenzene-d4	11.625	152	105251	49.003	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.000%		
Target Compounds						Qvalue
16) Methylene chloride	2.506	84	2697	1.258	ug/L	96
25) Chloroform	4.384	83	8005	2.428	ug/L	99
39) cis-1,3-Dichloropropene	6.992	75	2758	1.057	ug/L #	78
46) Tetrachloroethene	7.976	164	83217	56.905	ug/L	97
48) 2-Hexanone	8.091	43	9696	5.119	ug/L #	66
61) 1,2,3-Trichloropropane	11.249	75	10320	5.727	ug/L #	65

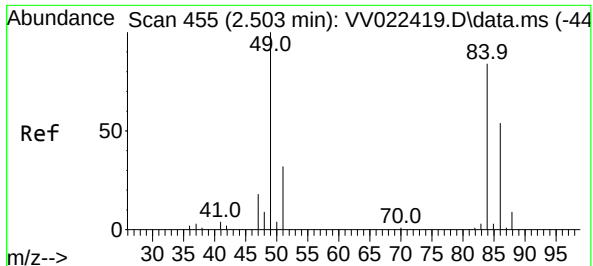
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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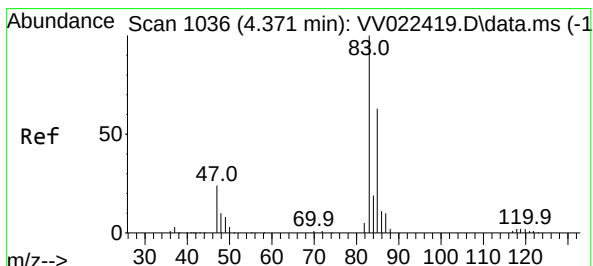
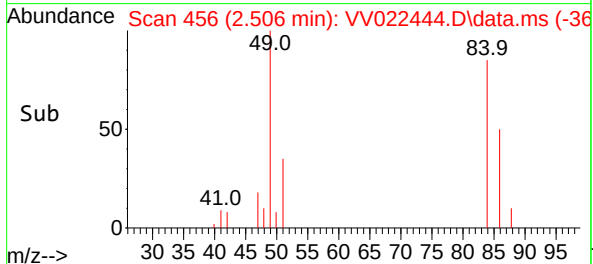
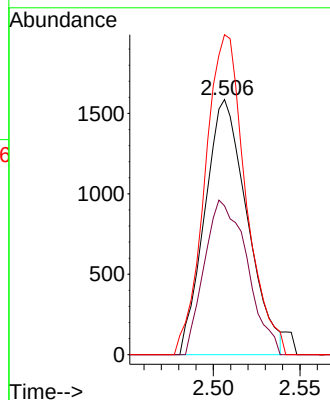
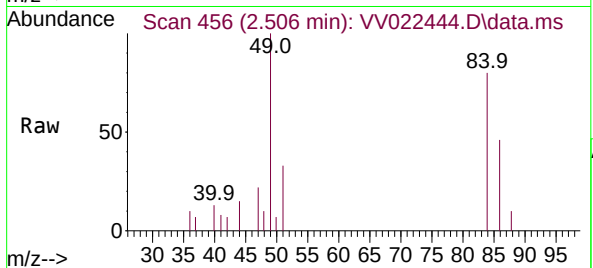




#16
Methylene chloride
Concen: 1.258 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022444.D
Acq: 30 Sep 2021 20:07

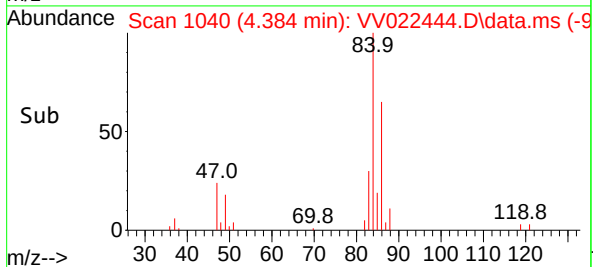
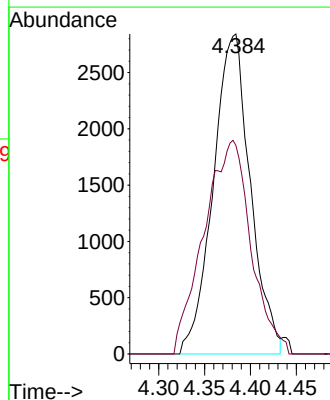
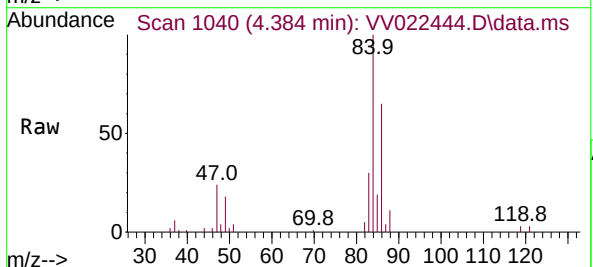
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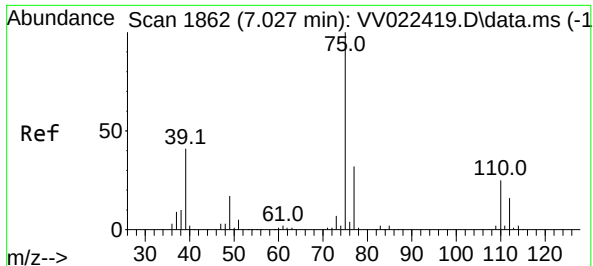
Tgt Ion:	84	Resp:	2697
Ion	Ratio	Lower	Upper
84	100		
86	58.3	44.6	82.8
49	125.4	85.3	158.3



#25
Chloroform
Concen: 2.428 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.013 min
Lab File: VV022444.D
Acq: 30 Sep 2021 20:07

Tgt Ion:	83	Resp:	8005
Ion	Ratio	Lower	Upper
83	100		
85	65.2	46.5	86.3



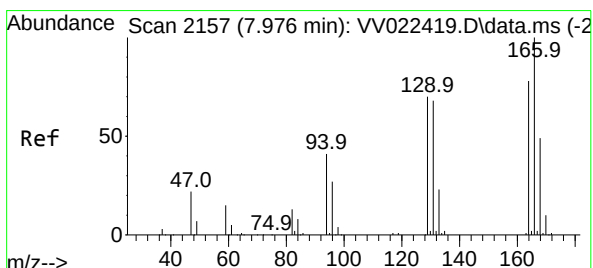
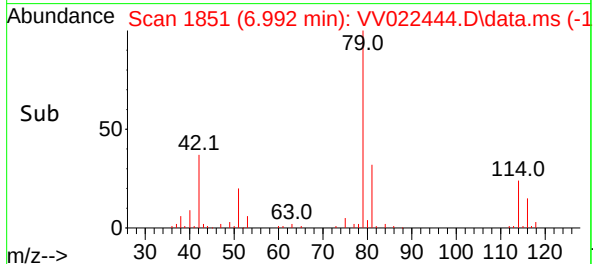
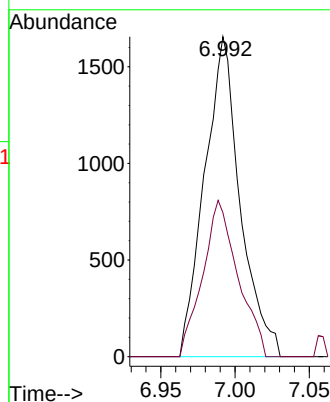
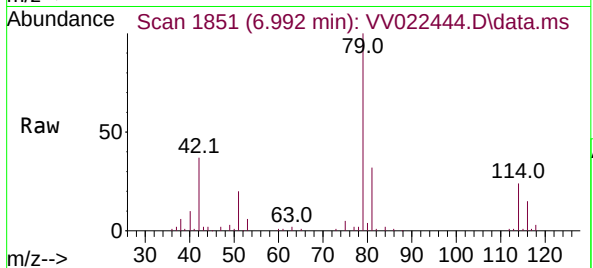


#39

cis-1,3-Dichloropropene
 Concen: 1.057 ug/L
 RT: 6.992 min Scan# 1851
 Delta R.T. -0.035 min
 Lab File: VV022444.D
 Acq: 30 Sep 2021 20:07

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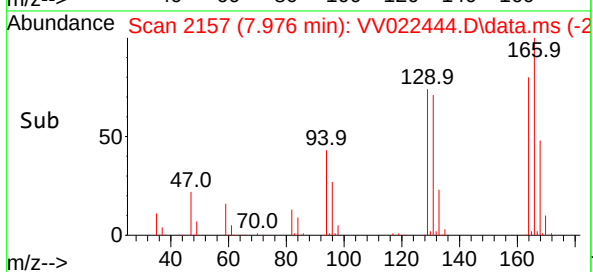
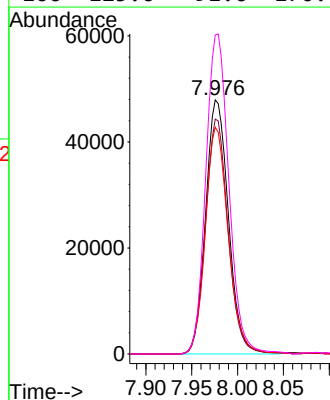
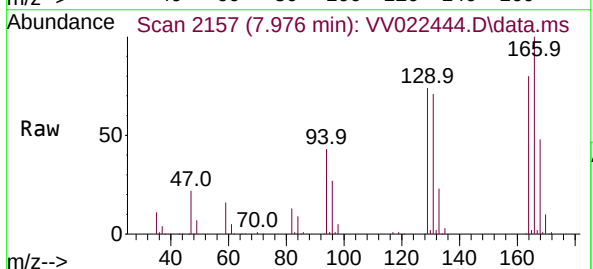
Tgt Ion: 75 Resp: 2758
 Ion Ratio Lower Upper
 75 100
 77 45.0 22.7 42.1#

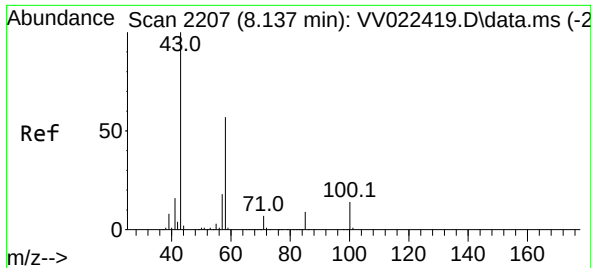


#46

Tetrachloroethene
 Concen: 56.905 ug/L
 RT: 7.976 min Scan# 2157
 Delta R.T. -0.000 min
 Lab File: VV022444.D
 Acq: 30 Sep 2021 20:07

Tgt Ion: 164 Resp: 83217
 Ion Ratio Lower Upper
 164 100
 129 92.4 66.4 123.4
 131 89.2 63.6 118.0
 166 125.6 91.6 170.0

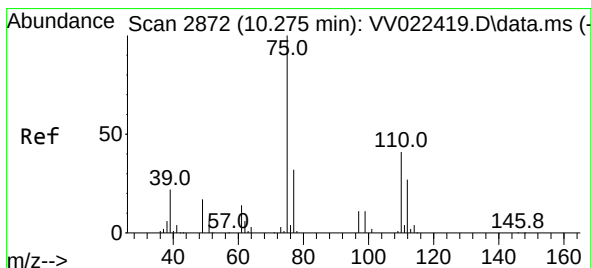
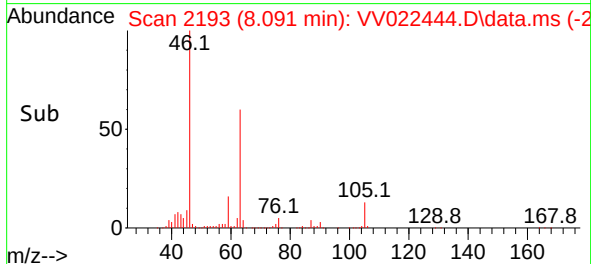
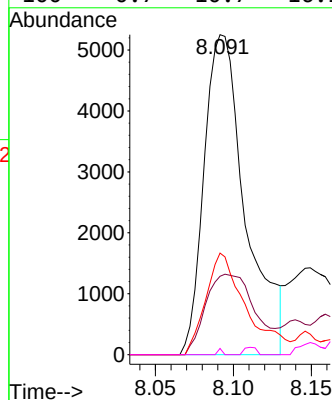
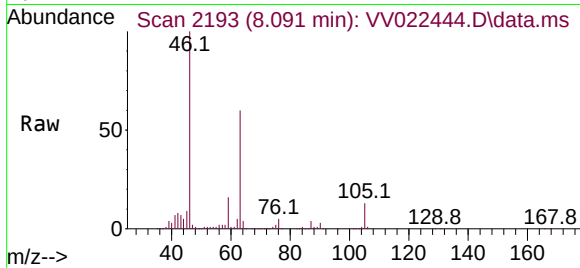




#48
2-Hexanone
Concen: 5.119 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. -0.045 min
Lab File: VV022444.D
Acq: 30 Sep 2021 20:07

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MSVOA_V
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Tgt Ion: 43	Resp: 9696
Ion Ratio	Lower Upper
43 100	
58 30.0	45.4 68.2#
57 31.1	15.0 22.4#
100 0.7	10.7 16.1#



#61
1,2,3-Trichloropropane
Concen: 5.727 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022444.D
Acq: 30 Sep 2021 20:07

Tgt Ion: 75	Resp: 10320
Ion Ratio	Lower Upper
75 100	
77 32.9	25.4 38.0
110 3.3	32.6 48.8#

