

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012224\
 Data File : VW033805.D
 Acq On : 22 Jan 2024 16:11
 Operator : SY/MD
 Sample : P1190-22
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 22 23:45:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 22 23:41:48 2024
 Response via : Initial Calibration

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

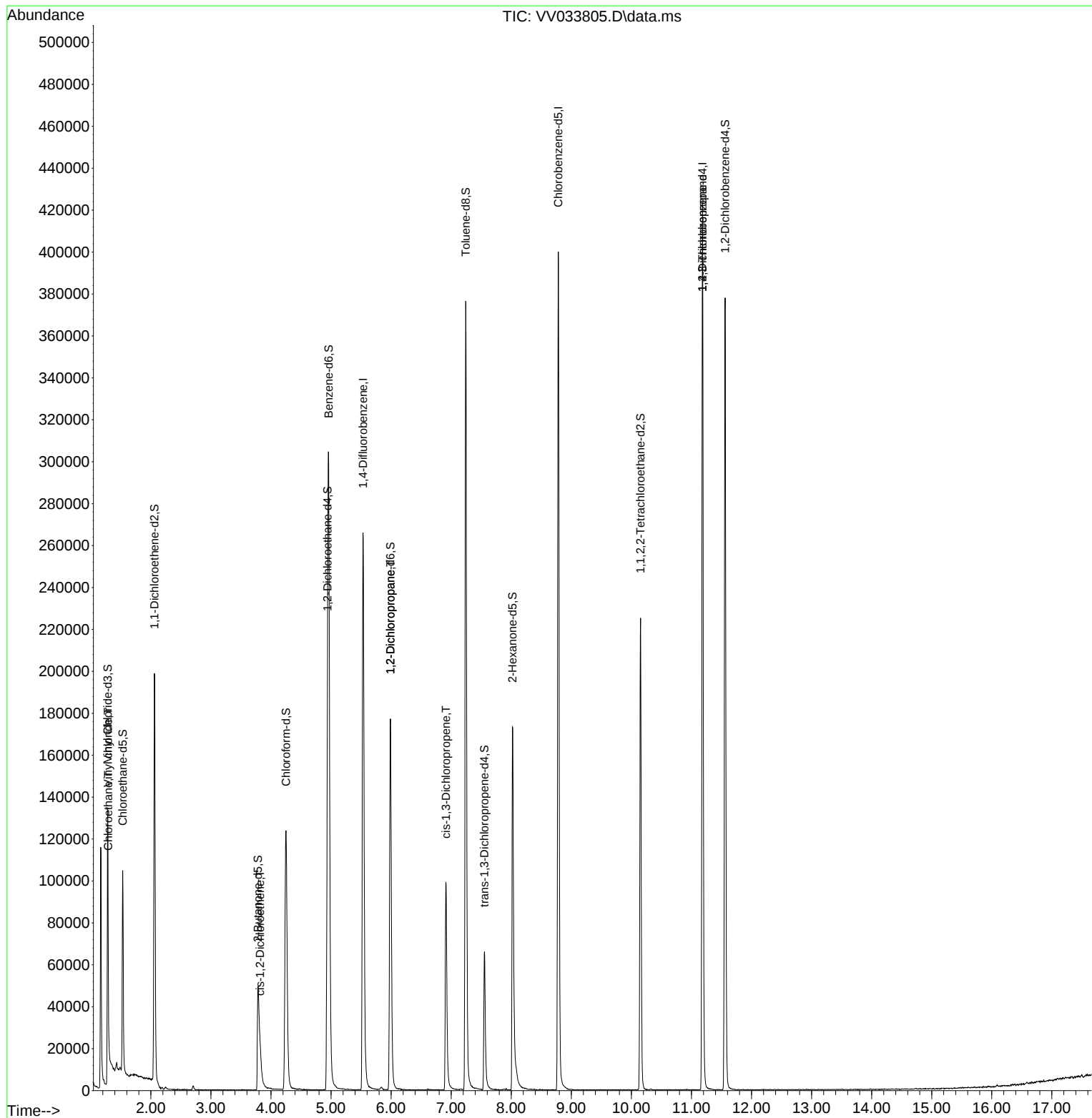
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	227526	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	213301	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	105667	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	71219	40.728	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.460%		
7) Chloroethane-d5	1.532	69	60668	43.810	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.620%		
11) 1,1-Dichloroethene-d2	2.060	65	33882	45.022	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.040%		
21) 2-Butanone-d5	3.783	46	82610	68.876	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	68.880%		
24) Chloroform-d	4.249	84	133456	42.682	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.360%		
26) 1,2-Dichloroethane-d4	4.941	65	91463	45.272	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.540%		
32) Benzene-d6	4.960	84	267223	44.067	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.140%		
36) 1,2-Dichloropropane-d6	5.989	67	84936	42.552	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.100%		
41) Toluene-d8	7.243	98	246857	45.181	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.360%		
43) trans-1,3-Dichloroprop...	7.555	79	39332	39.870	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.740%		
47) 2-Hexanone-d5	8.021	63	61420	74.182	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	74.180%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	105818	41.526	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.060%		
66) 1,2-Dichlorobenzene-d4	11.561	152	95576	47.674	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.340%		
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	2232	1.084	ug/L #	1
8) Chloroethane	1.288	64	39204	31.930	ug/L #	61
20) cis-1,2-Dichloroethene	3.818	96	4950	2.916	ug/L	99
37) 1,2-Dichloropropane	5.989	63	9964	5.780	ug/L #	88
39) cis-1,3-Dichloropropene	6.912	75	2782	0.966	ug/L #	59
61) 1,2,3-Trichloropropane	11.185	75	13553	7.227	ug/L #	69

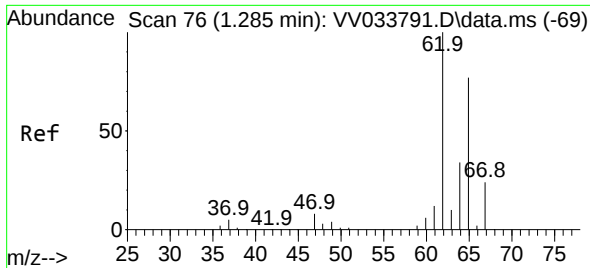
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 22 23:45:33 2024
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Quant Title : VOC Analysis
QLast Update : Mon Jan 22 23:41:48 2024
Response via : Initial Calibration

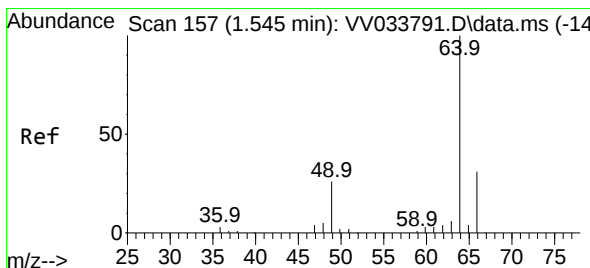
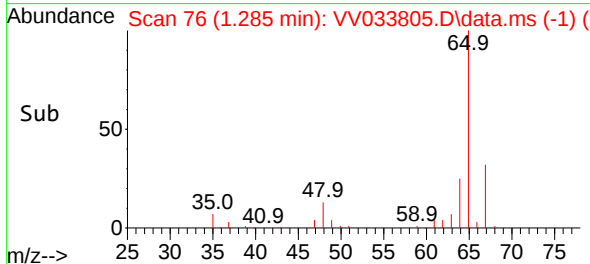
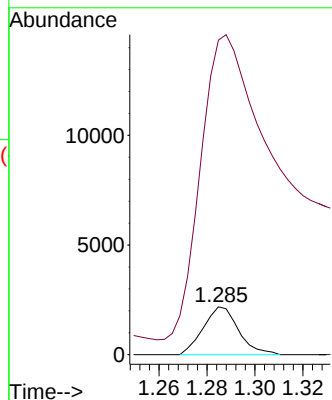
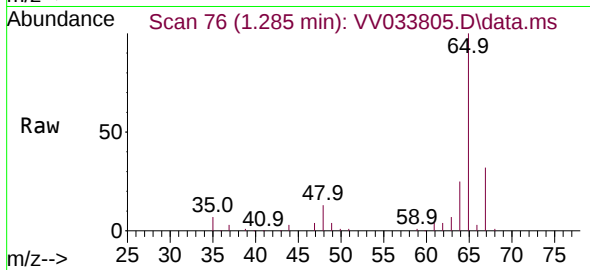




#5
 Vinyl chloride
 Concen: 1.084 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033805.D
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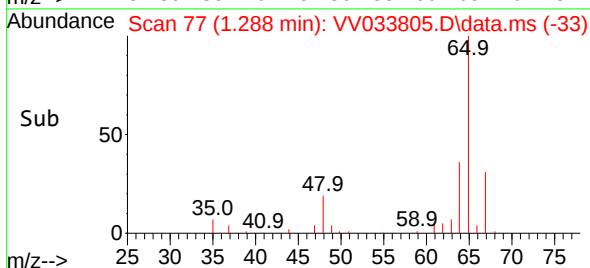
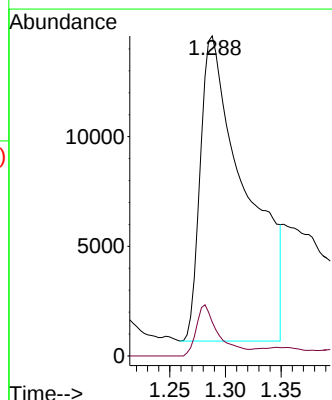
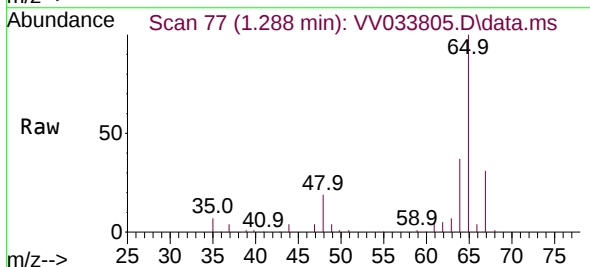
Instrument :
 MSVOA_V
 ClientSampleId :

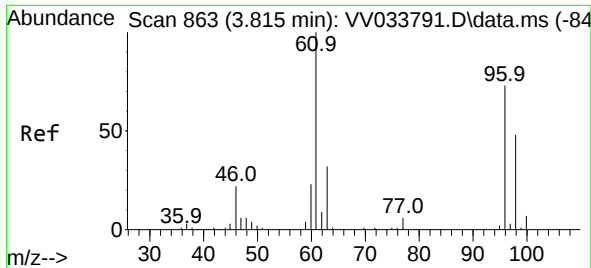
Tgt Ion: 62 Resp: 2232
 Ion Ratio Lower Upper
 62 100
 64 658.1 23.2 43.0#



#8
 Chloroethane
 Concen: 31.930 ug/L
 RT: 1.288 min Scan# 77
 Delta R.T. -0.257 min
 Lab File: VV033805.D
 Acq: 22 Jan 2024 16:11

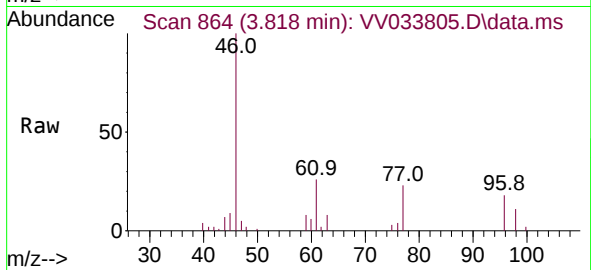
Tgt Ion: 64 Resp: 39204
 Ion Ratio Lower Upper
 64 100
 66 10.6 22.5 41.9#



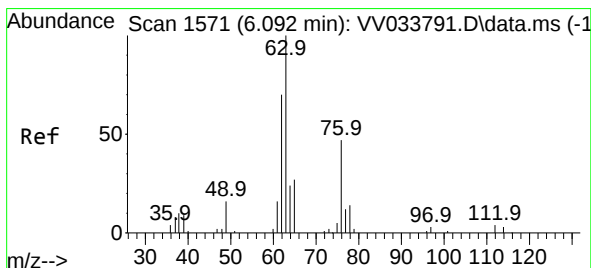
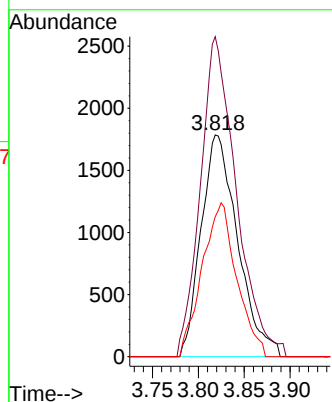
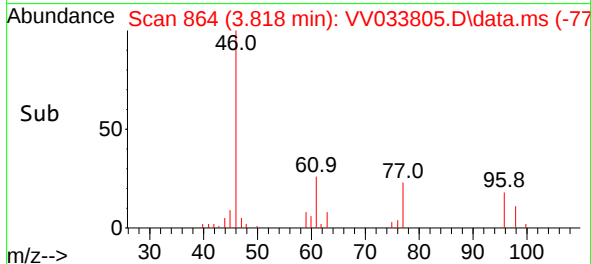


#20
 cis-1,2-Dichloroethene
 Concen: 2.916 ug/L
 RT: 3.818 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VV033805.D
 Acq: 22 Jan 2024 16:11

Instrument :
 MSVOA_V
 ClientSampleId :

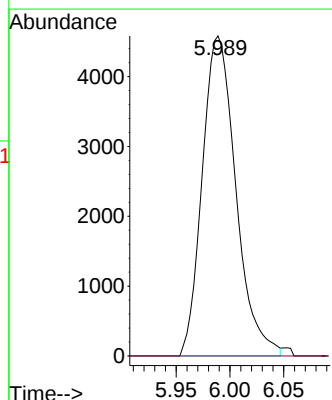
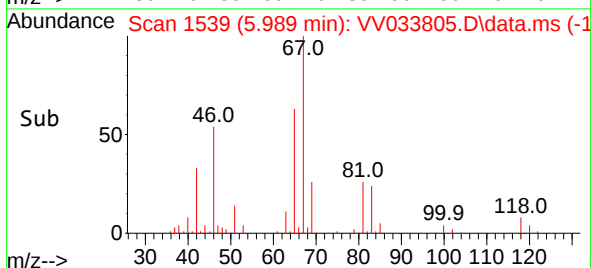
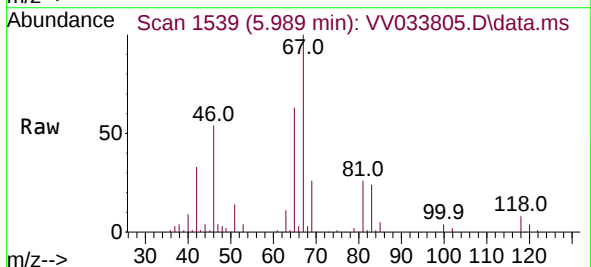


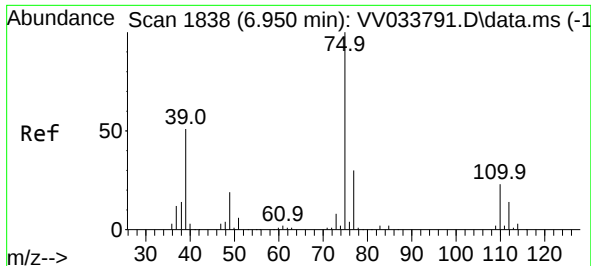
Tgt Ion: 96 Resp: 4950
 Ion Ratio Lower Upper
 96 100
 61 144.3 100.6 186.8
 98 63.1 44.6 82.8



#37
 1,2-Dichloropropane
 Concen: 5.780 ug/L
 RT: 5.989 min Scan# 1539
 Delta R.T. -0.103 min
 Lab File: VV033805.D
 Acq: 22 Jan 2024 16:11

Tgt Ion: 63 Resp: 9964
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.966 ug/L

RT: 6.912 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV033805.D

Acq: 22 Jan 2024 16:11

Instrument :

MSVOA_V

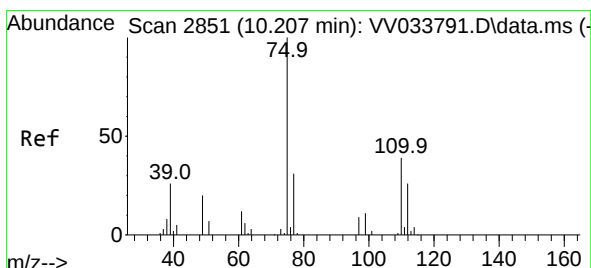
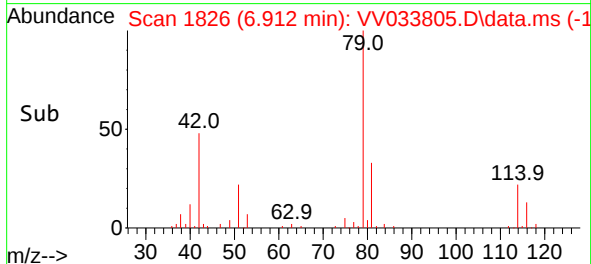
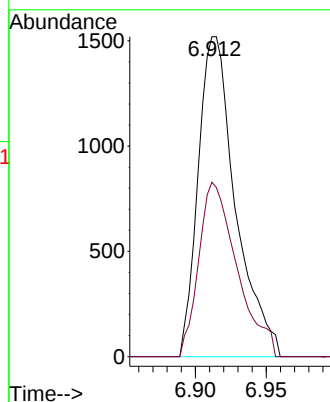
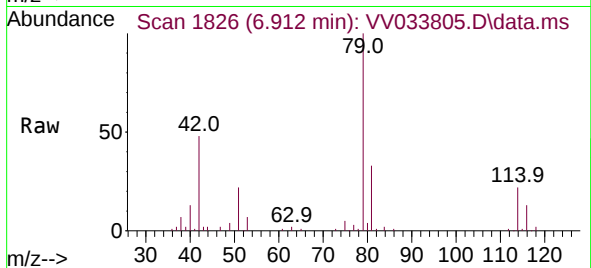
ClientSampleId :

Tgt Ion: 75 Resp: 2782

Ion Ratio Lower Upper

75 100

77 54.5 22.0 41.0#



#61

1,2,3-Trichloropropane

Concen: 7.227 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.977 min

Lab File: VV033805.D

Acq: 22 Jan 2024 16:11

Tgt Ion: 75 Resp: 13553

Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

110 3.3 29.5 44.3#

