

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011924\
 Data File : VV033773.D
 Acq On : 19 Jan 2024 23:35
 Operator : SY/MD
 Sample : P1189-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 20 00:32:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 19 23:43:59 2024
 Response via : Initial Calibration

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

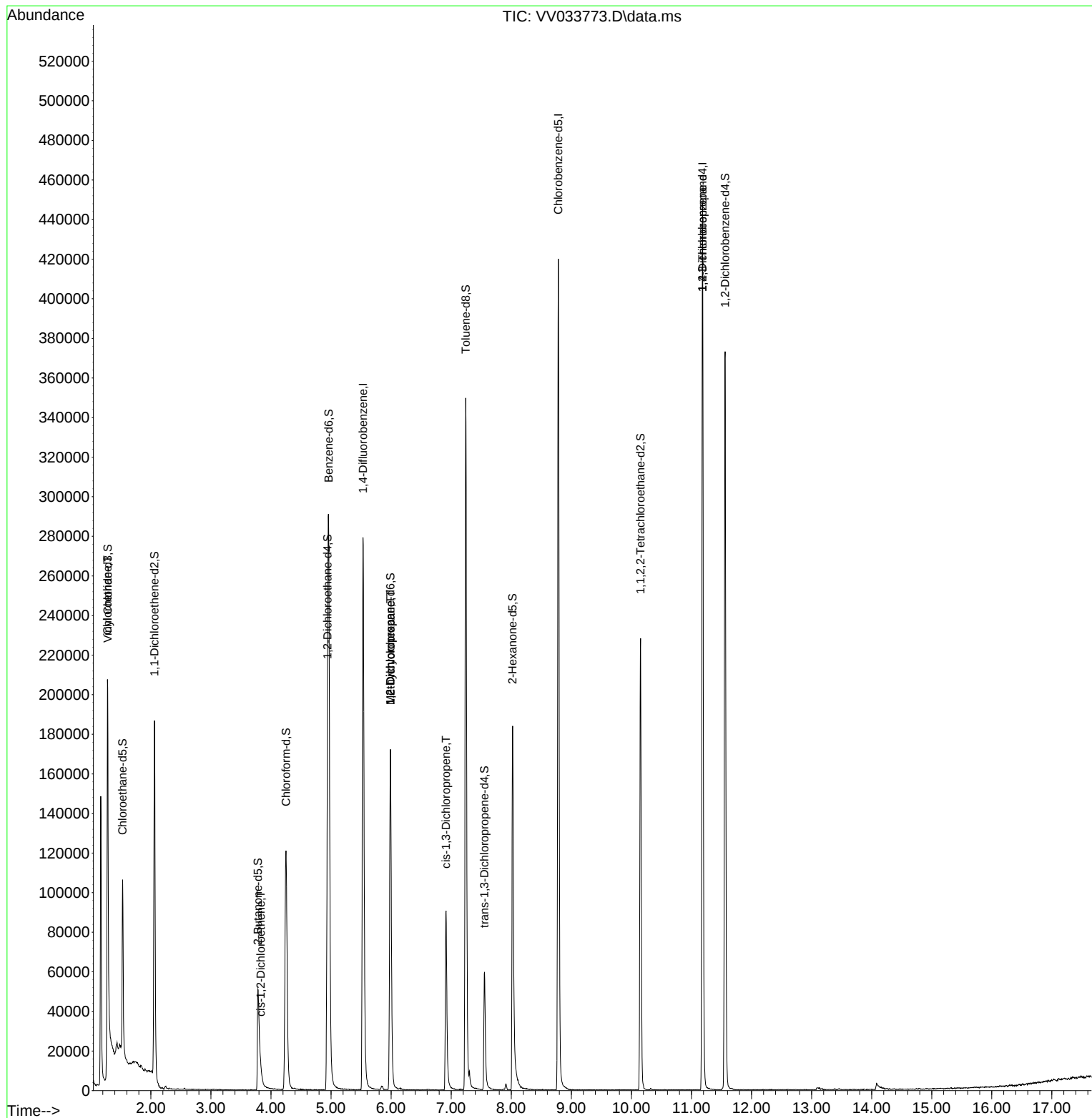
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	234088	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	219315	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	110568	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	65030	36.146	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.300%
7) Chloroethane-d5	1.529	69	55557	38.995	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.980%
11) 1,1-Dichloroethene-d2	2.060	65	30499	39.391	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.780%
21) 2-Butanone-d5	3.783	46	85719	69.464	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	69.460%
24) Chloroform-d	4.249	84	129324	40.201	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.400%
26) 1,2-Dichloroethane-d4	4.941	65	88993	42.815	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.620%
32) Benzene-d6	4.960	84	252626	40.518	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.040%
36) 1,2-Dichloropropane-d6	5.989	67	81367	39.646	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.300%
41) Toluene-d8	7.243	98	230293	40.994	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.980%
43) trans-1,3-Dichloroprop...	7.555	79	36233	35.722	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.440%
47) 2-Hexanone-d5	8.021	63	63093	74.113	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.110%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	106445	40.626	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.260%
66) 1,2-Dichlorobenzene-d4	11.561	152	92795	44.235	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.460%
Target Compounds						
					Qvalue	
8) Chloroethane	1.278	64	148363	117.447	ug/L #	55
20) cis-1,2-Dichloroethene	3.828	96	2228	1.276	ug/L	81
35) Methylcyclohexane	5.989	83	19209	6.496	ug/L #	16
37) 1,2-Dichloropropane	5.989	63	9706	5.476	ug/L #	88
39) cis-1,3-Dichloropropene	6.912	75	2596	0.877	ug/L #	74
61) 1,2,3-Trichloropropane	11.185	75	13840	7.053	ug/L #	67

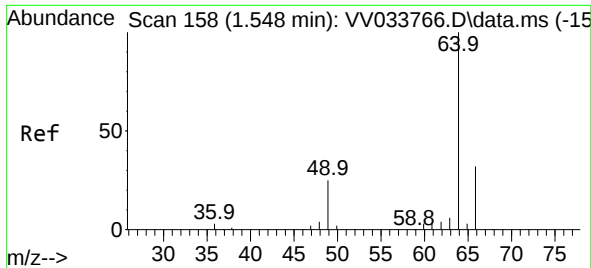
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jan 19 23:43:59 2024
Response via : Initial Calibration





#8

Chloroethane

Concen: 117.447 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.270 min

Lab File: VV033773.D

Acq: 19 Jan 2024 23:35

Instrument :

MSVOA_V

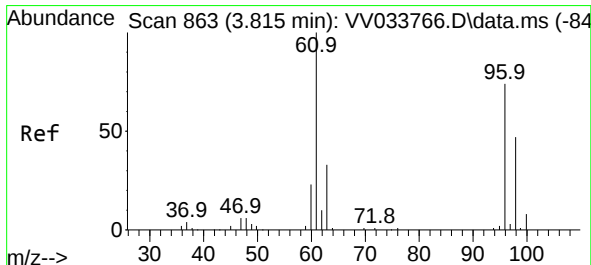
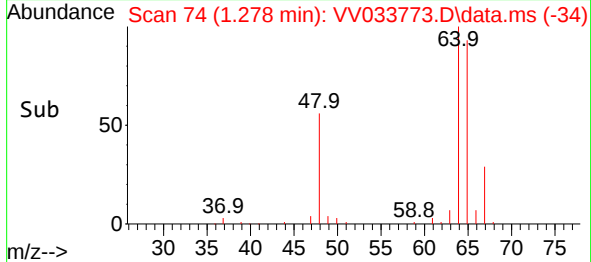
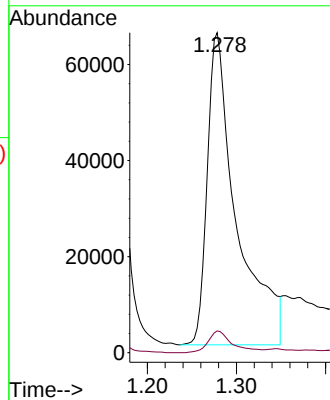
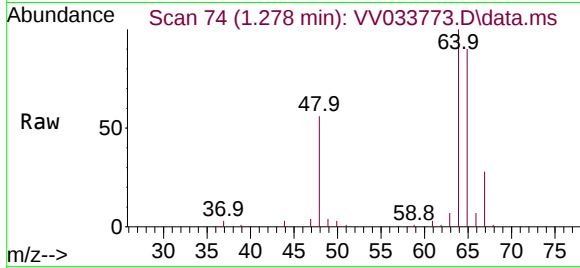
ClientSampleId :

Tgt Ion: 64 Resp: 148363

Ion Ratio Lower Upper

64 100

66 6.8 22.5 41.9#



#20

cis-1,2-Dichloroethene

Concen: 1.276 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.013 min

Lab File: VV033773.D

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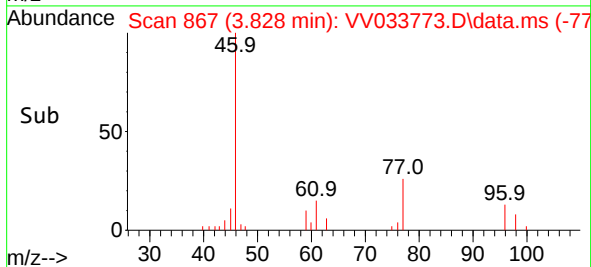
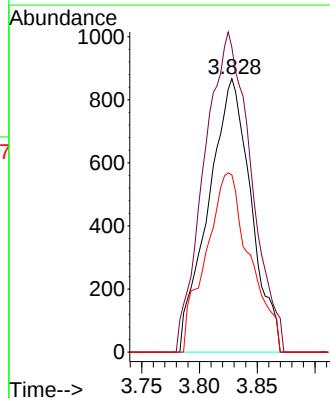
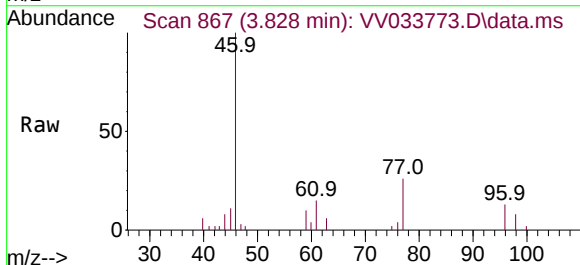
Tgt Ion: 96 Resp: 2228

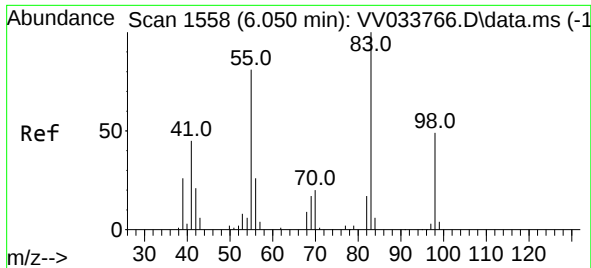
Ion Ratio Lower Upper

96 100

61 111.4 100.6 186.8

98 64.8 44.6 82.8

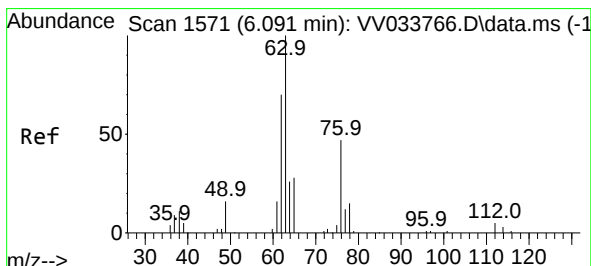
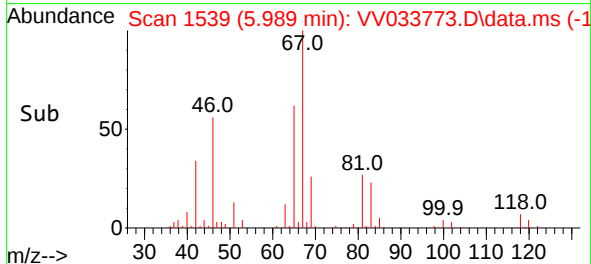
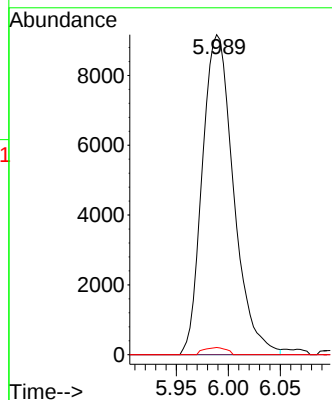
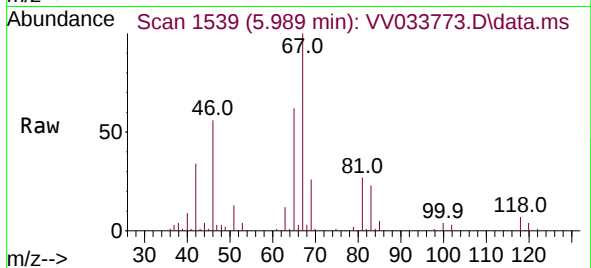




#35
Methylcyclohexane
Concen: 6.496 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.061 min
Lab File: VV033773.D
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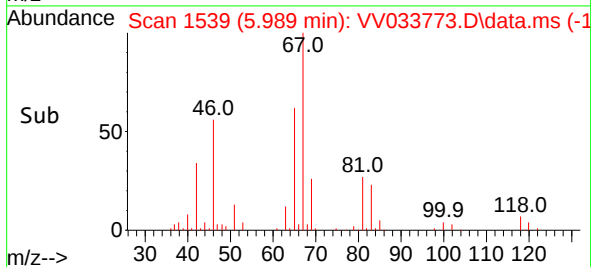
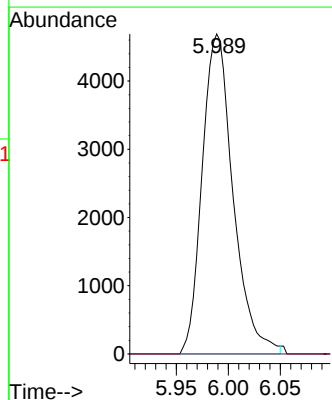
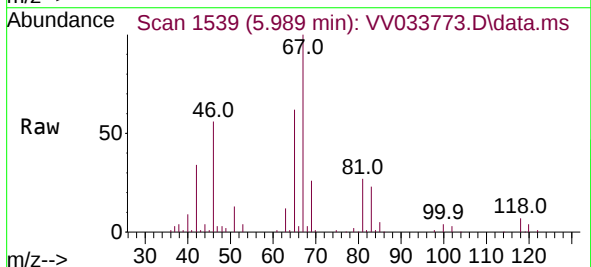
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MSVOA_V
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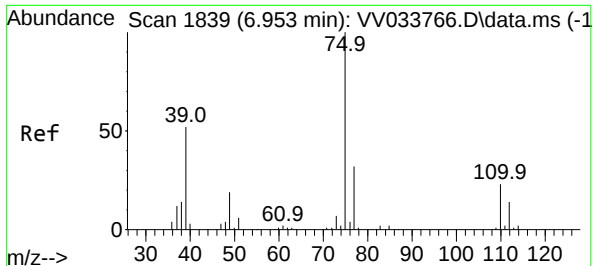
Tgt Ion: 83 Resp: 19209
Ion Ratio Lower Upper
83 100
55 0.0 67.1 100.7#
98 1.6 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 5.476 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.103 min
Lab File: VV033773.D
Acq: 19 Jan 2024 23:35

Tgt Ion: 63 Resp: 9706
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.877 ug/L

RT: 6.912 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV033773.D

Acq: 19 Jan 2024 23:35

Instrument :

MSVOA_V

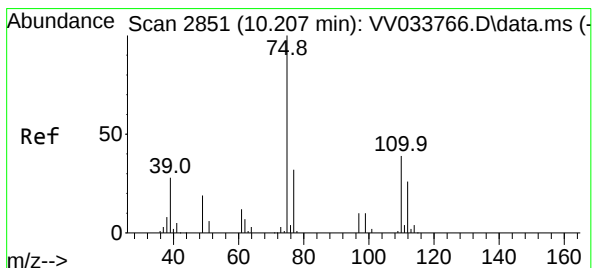
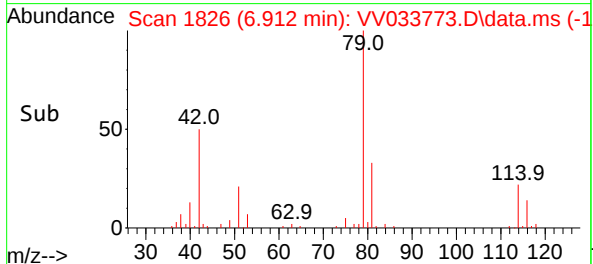
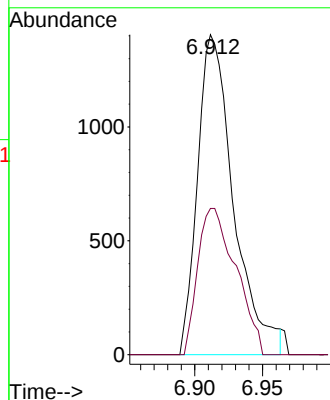
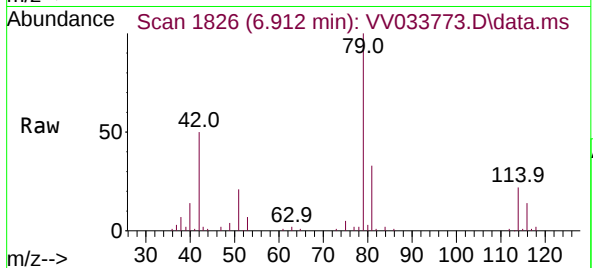
ClientSampleId :

Tgt Ion: 75 Resp: 2596

Ion Ratio Lower Upper

75 100

77 45.7 22.0 41.0#



#61

1,2,3-Trichloropropane

Concen: 7.053 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.978 min

Lab File: VV033773.D

Acq: 19 Jan 2024 23:35

Tgt Ion: 75 Resp: 13840

Ion Ratio Lower Upper

75 100

77 33.8 25.3 37.9

110 2.8 29.5 44.3#

