

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
 Data File : VU046340.D
 Acq On : 14 Dec 2021 00:34
 Operator : SY/MD
 Sample : M5062-06 20X
 Misc : 6.81g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 14 03:45:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 14 03:19:41 2021
 Response via : Initial Calibration

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

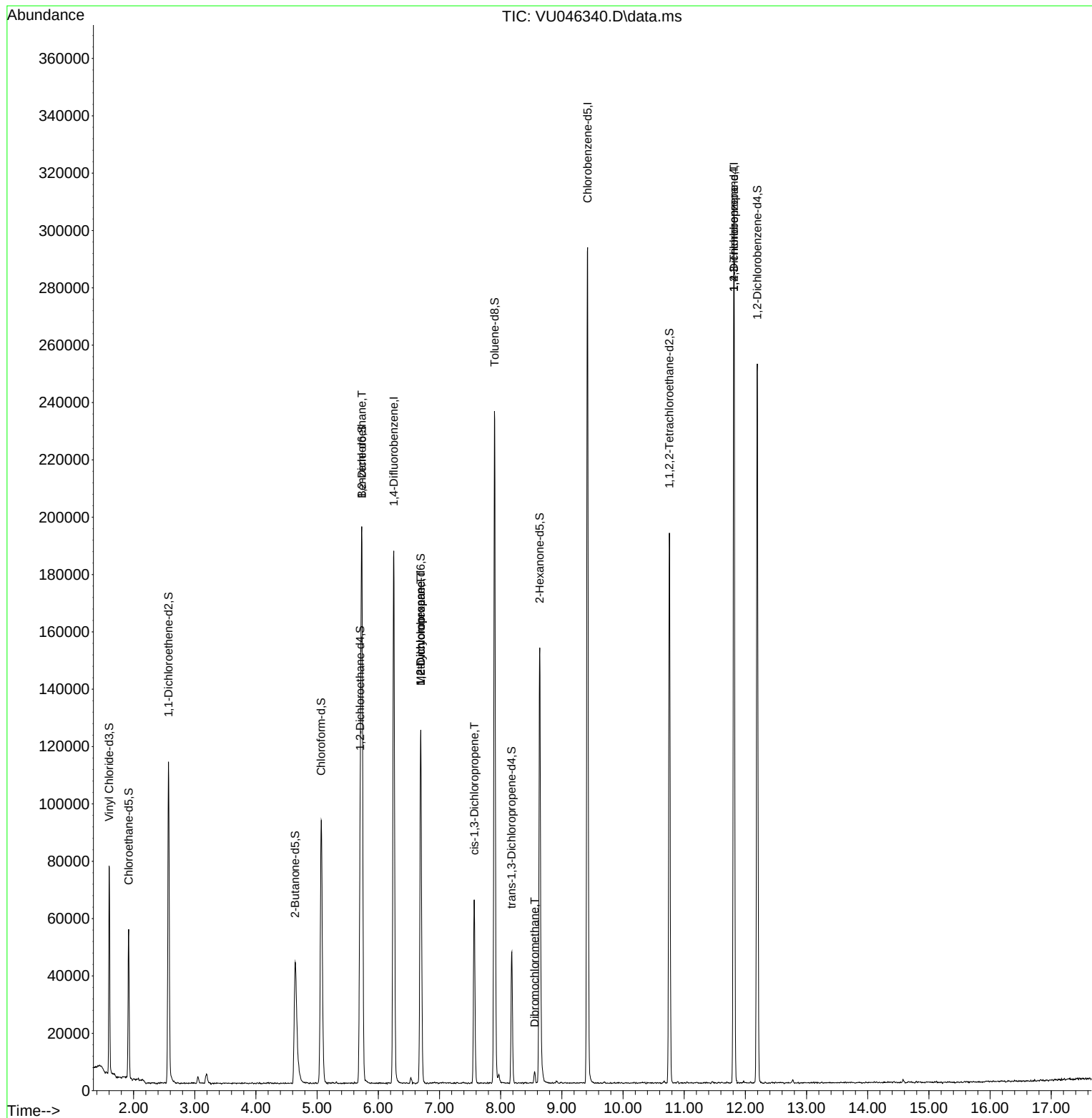
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	150146	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	160892	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	79999	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	52514	42.459	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.920%		
7) Chloroethane-d5	1.919	69	38315	40.348	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.700%		
11) 1,1-Dichloroethene-d2	2.572	63	67283	30.303	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.600%		
21) 2-Butanone-d5	4.642	46	79978	81.343	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	81.340%		
24) Chloroform-d	5.067	84	85664	41.475	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.960%		
26) 1,2-Dichloroethane-d4	5.703	65	62688	45.225	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.440%		
32) Benzene-d6	5.732	84	181594	39.379	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.760%		
36) 1,2-Dichloropropane-d6	6.694	67	57775	40.426	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	80.860%		
41) Toluene-d8	7.899	98	154304	36.750	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	73.500%#		
43) trans-1,3-Dichloroprop...	8.179	79	26792	38.834	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.660%		
47) 2-Hexanone-d5	8.639	63	56201	82.939	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.940%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	93414	43.100	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.200%		
66) 1,2-Dichlorobenzene-d4	12.195	152	63826	41.428	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.860%		
Target Compounds						Qvalue
27) 1,2-Dichloroethane	5.732	62	872	0.529	ug/L #	73
35) Methylcyclohexane	6.694	83	14033	7.055	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6536	5.124	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1669	0.860	ug/L #	71
49) Dibromochloromethane	8.555	129	942	0.701	ug/L #	10
60) 1,2,3-Trichloropropane	11.812	75	9606	5.478	ug/L #	65

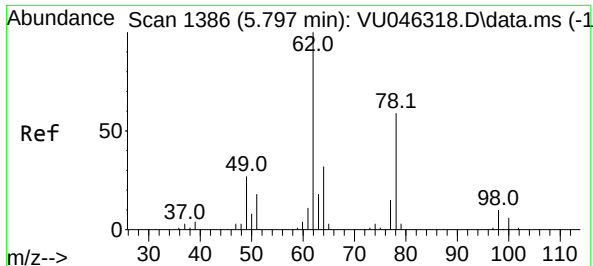
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_W
ClientSampleId :

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 14 03:19:41 2021
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.529 ug/L

RT: 5.732 min Scan# 1

Delta R.T. -0.064 min

Lab File: VU046340.D

Acq: 14 Dec 2021 00:34

Instrument :

MSVOA_W

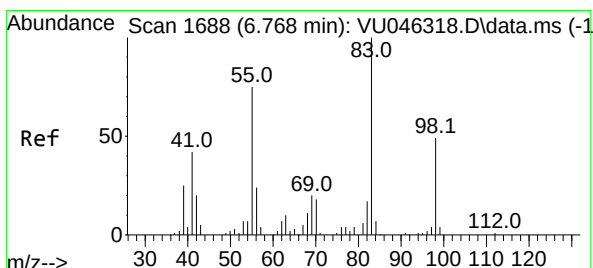
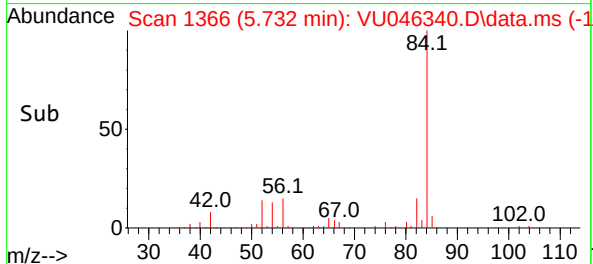
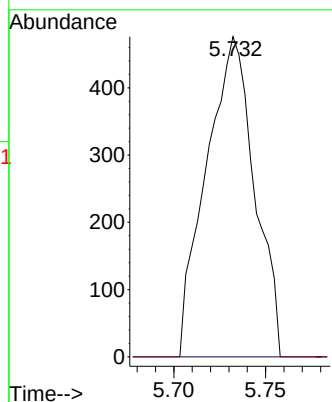
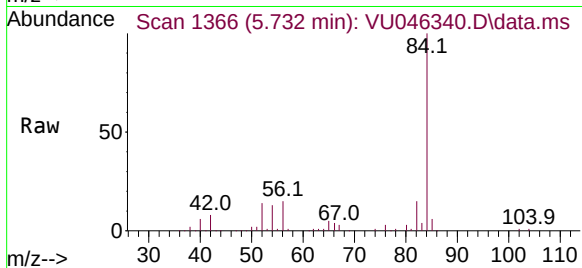
ClientSampleId :

Tgt Ion: 62 Resp: 872

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 7.055 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046340.D

Acq: 14 Dec 2021 00:34

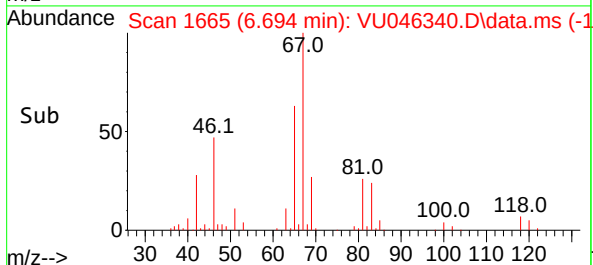
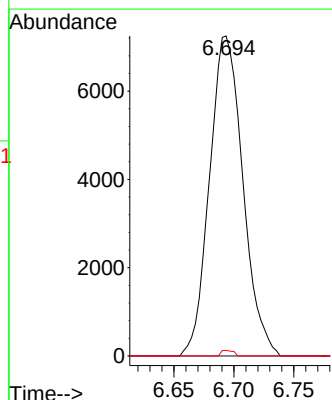
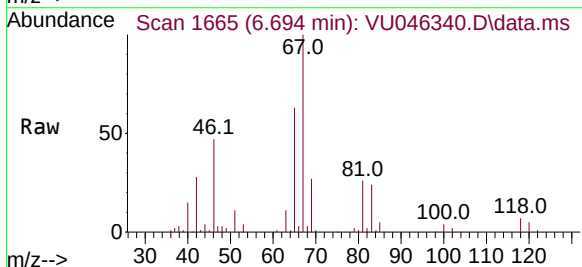
Tgt Ion: 83 Resp: 14033

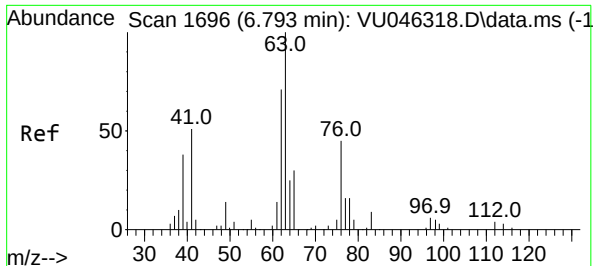
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.6 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.124 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046340.D

Acq: 14 Dec 2021 00:34

Instrument :

MSVOA_W

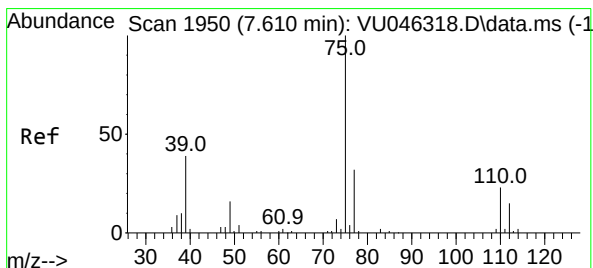
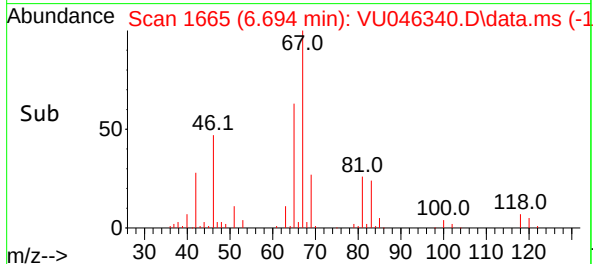
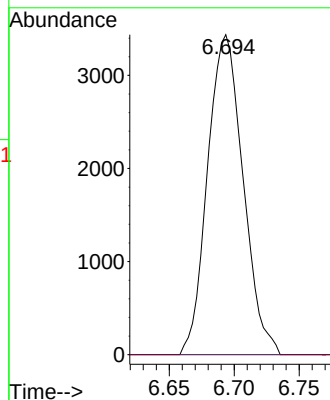
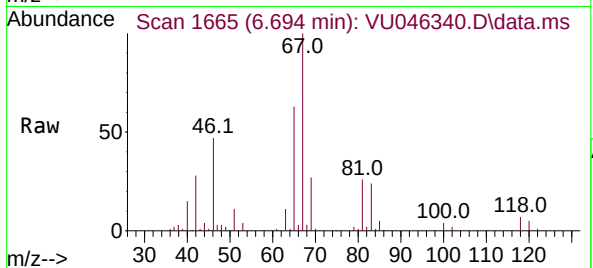
ClientSampleId :

Tgt Ion: 63 Resp: 6536

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.860 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046340.D

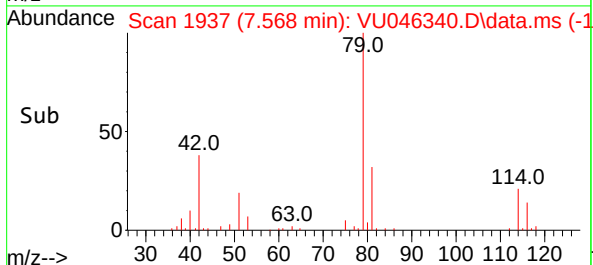
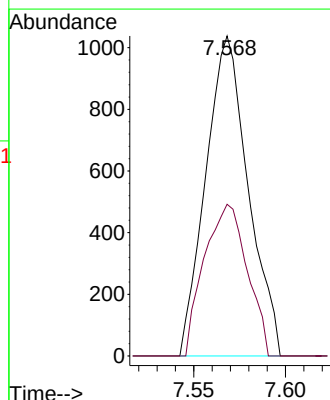
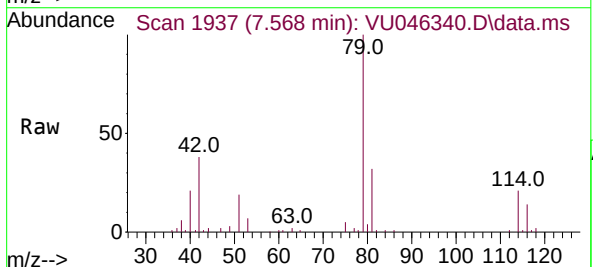
Acq: 14 Dec 2021 00:34

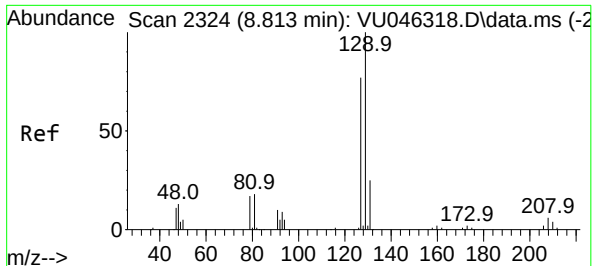
Tgt Ion: 75 Resp: 1669

Ion Ratio Lower Upper

75 100

77 47.4 21.8 40.6#





#49

Dibromochloromethane

Concen: 0.701 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU046340.D

Acq: 14 Dec 2021 00:34

Instrument :

MSVOA_W

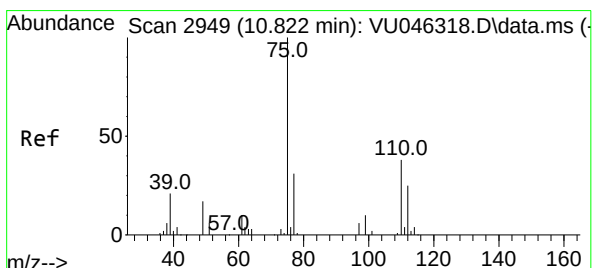
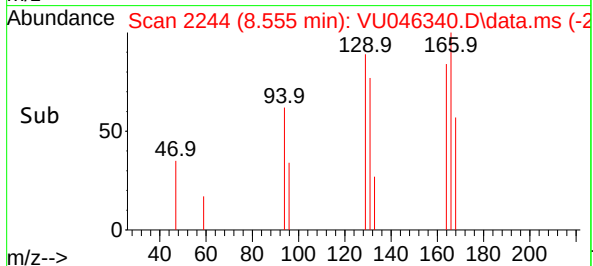
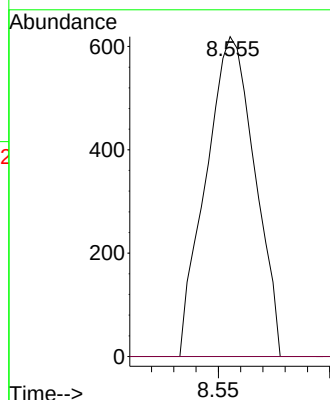
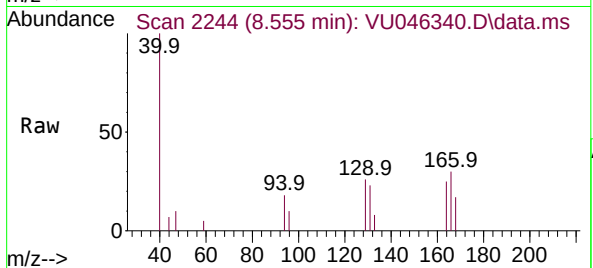
ClientSampleId :

Tgt Ion:129 Resp: 942

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.4#



#60

1,2,3-Trichloropropane

Concen: 5.478 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU046340.D

Acq: 14 Dec 2021 00:34

Tgt Ion: 75 Resp: 9606

Ion Ratio Lower Upper

75 100

77 32.7 26.4 39.6

110 1.5 32.4 48.6#

