

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062223\
 Data File : VU054648.D
 Acq On : 22 Jun 2023 12:01
 Operator : MD/SY
 Sample : 03323-10DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCA38DL

Quant Time: Jun 23 04:33:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 23 04:31:37 2023
 Response via : Initial Calibration

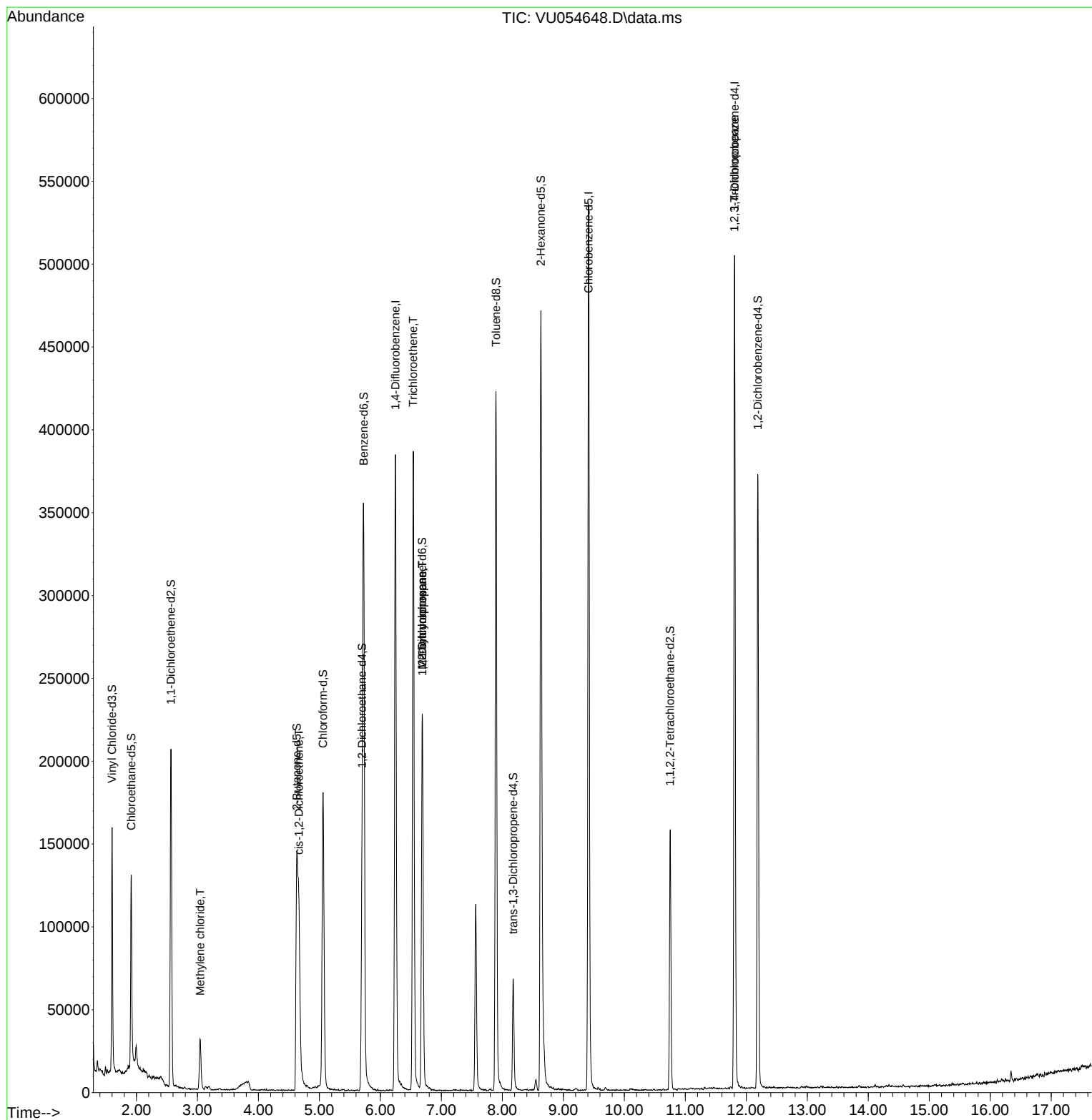
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	297880	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	293142	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	130188	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	105545	5.567	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	111.400%	
7) Chloroethane-d5	1.914	69	84700	4.772	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.400%	
11) 1,1-Dichloroethene-d2	2.563	65	41477	4.899	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	98.000%	
20) 2-Butanone-d5	4.628	46	240570	45.135	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	90.260%	
24) Chloroform-d	5.058	84	166833	4.210	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.200%	
26) 1,2-Dichloroethane-d4	5.698	65	84297	4.364	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.200%	
32) Benzene-d6	5.724	84	334100	4.100	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.000%	
36) 1,2-Dichloropropane-d6	6.685	67	115929	4.260	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.200%	
41) Toluene-d8	7.894	98	280592	3.880	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.600%	
43) trans-1,3-Dichloroprop...	8.177	79	38377	4.055	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.200%	
46) 2-Hexanone-d5	8.631	63	156622	39.449	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	78.900%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	83069	4.093	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	81.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	96636	4.401	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.000%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.046	84	14369	0.473	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	38970	1.534	ug/L	99
34) Trichloroethene	6.538	95	140877	5.057	ug/L	92
35) Methylcyclohexane	6.685	83	24237	0.576	ug/L #	16
37) 1,2-Dichloropropane	6.689	63	11747	0.412	ug/L #	91
61) 1,2,3-Trichloropropane	11.804	75	17012	1.293	ug/L #	69

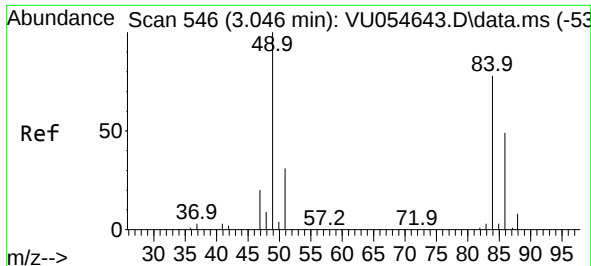
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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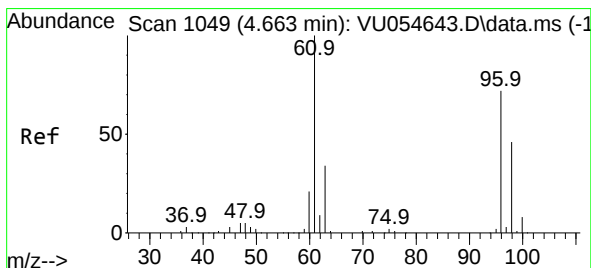
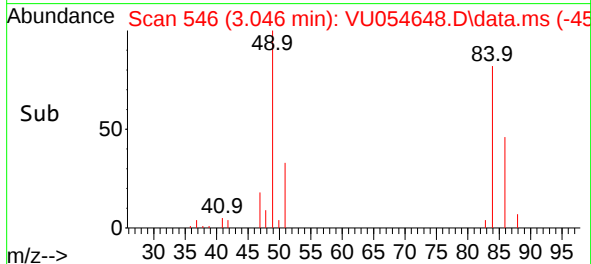
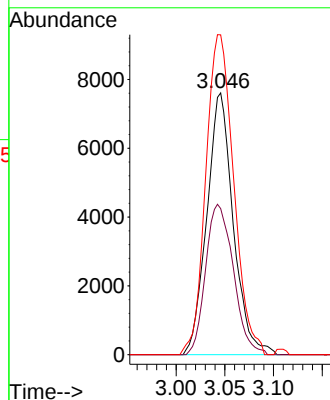
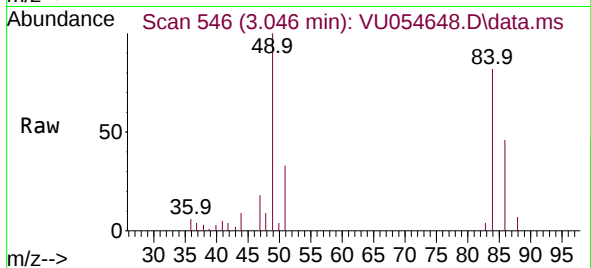




#16
Methylene chloride
Concen: 0.473 ug/L
RT: 3.046 min Scan# 546
Delta R.T. 0.000 min
Lab File: VU054648.D
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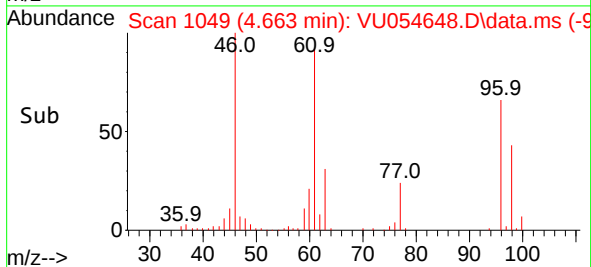
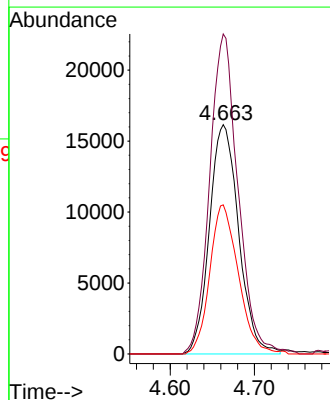
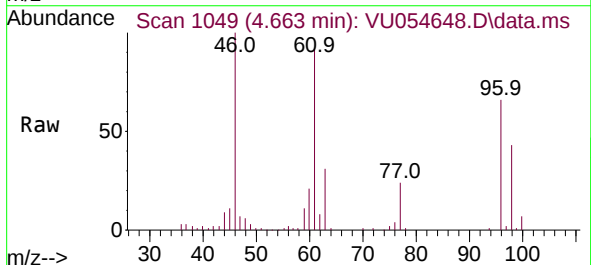
Instrument :
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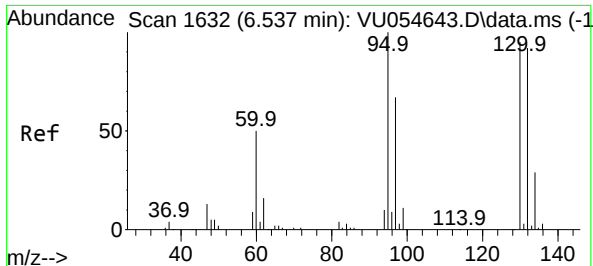
Tgt Ion: 84 Resp: 14369
Ion Ratio Lower Upper
84 100
86 55.8 43.9 81.5
49 122.2 86.1 159.9



#22
cis-1,2-Dichloroethene
Concen: 1.534 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU054648.D
Acq: 22 Jun 2023 12:01

Tgt Ion: 96 Resp: 38970
Ion Ratio Lower Upper
96 100
61 139.6 96.5 179.1
98 65.0 44.9 83.3

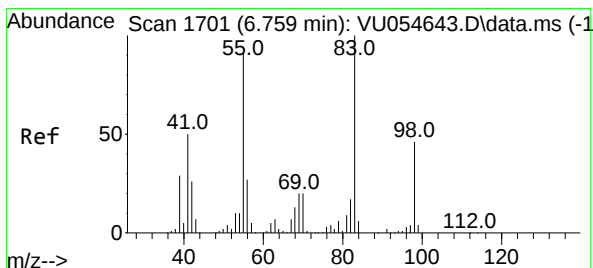
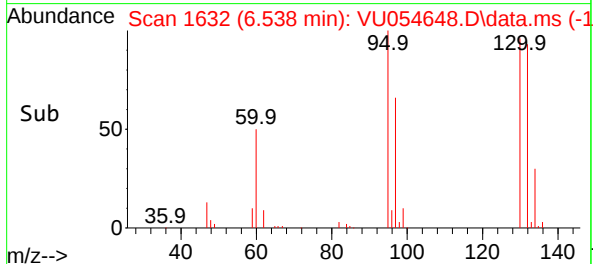
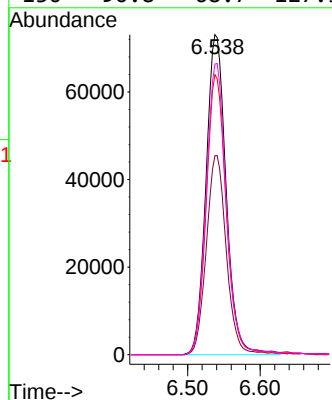
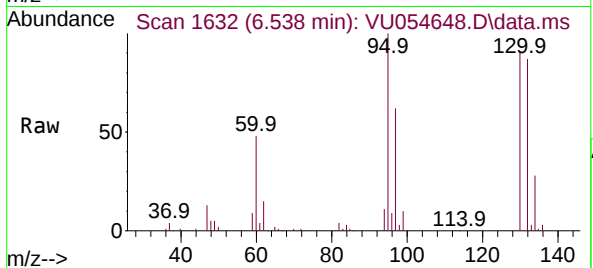




#34
Trichloroethene
Concen: 5.057 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU054648.D
Acq: 22 Jun 2023 12:01

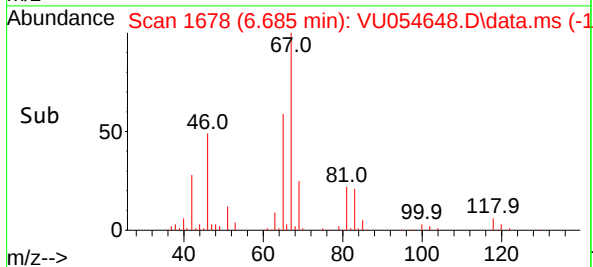
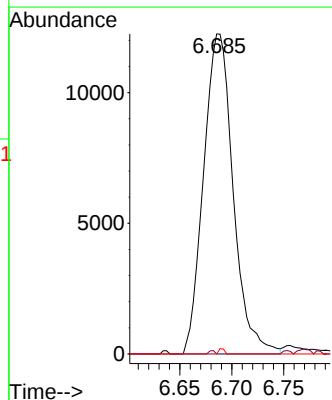
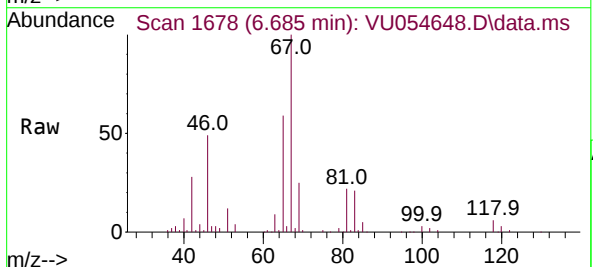
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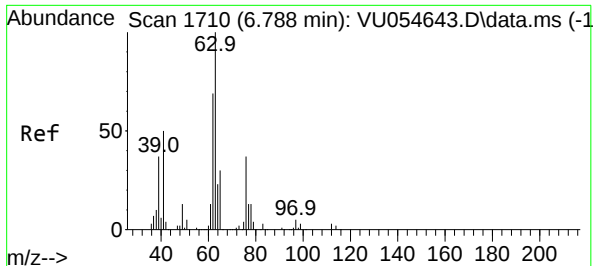
Tgt Ion: 95 Resp: 140877
Ion Ratio Lower Upper
95 100
97 62.1 46.8 87.0
132 87.5 68.4 127.0
130 90.8 68.7 127.5



#35
Methylcyclohexane
Concen: 0.576 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU054648.D
Acq: 22 Jun 2023 12:01

Tgt Ion: 83 Resp: 24237
Ion Ratio Lower Upper
83 100
55 0.2 67.1 100.7#
98 0.3 35.1 52.7#

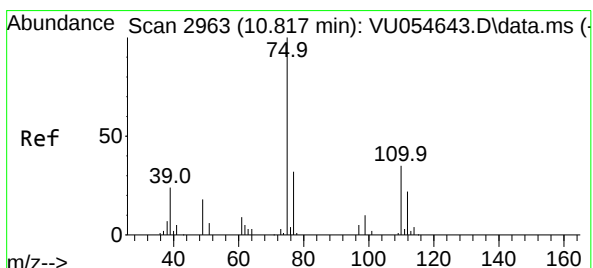
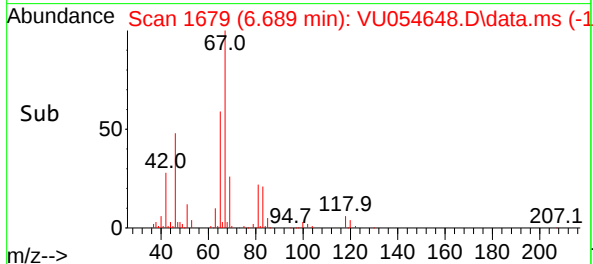
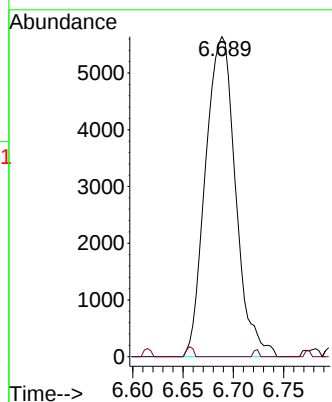
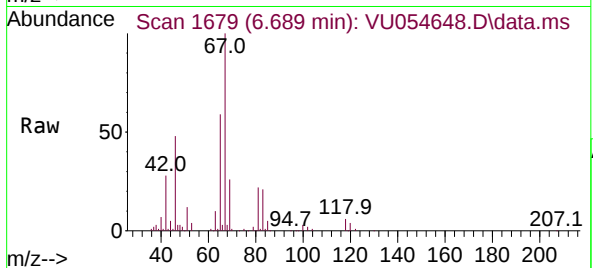




#37
1,2-Dichloropropane
Concen: 0.412 ug/L
RT: 6.689 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU054648.D
Acq: 22 Jun 2023 12:01

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Tgt Ion: 63 Resp: 11747
Ion Ratio Lower Upper
63 100
112 0.7 3.0 4.6#



#61
1,2,3-Trichloropropane
Concen: 1.293 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU054648.D
Acq: 22 Jun 2023 12:01

Tgt Ion: 75 Resp: 17012
Ion Ratio Lower Upper
75 100
110 1.5 28.0 42.0#
77 32.5 25.4 38.2

