

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
 Data File : VU056940.D
 Acq On : 16 Dec 2023 20:30
 Operator : MD/SY
 Sample : 05834-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 16 23:49:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

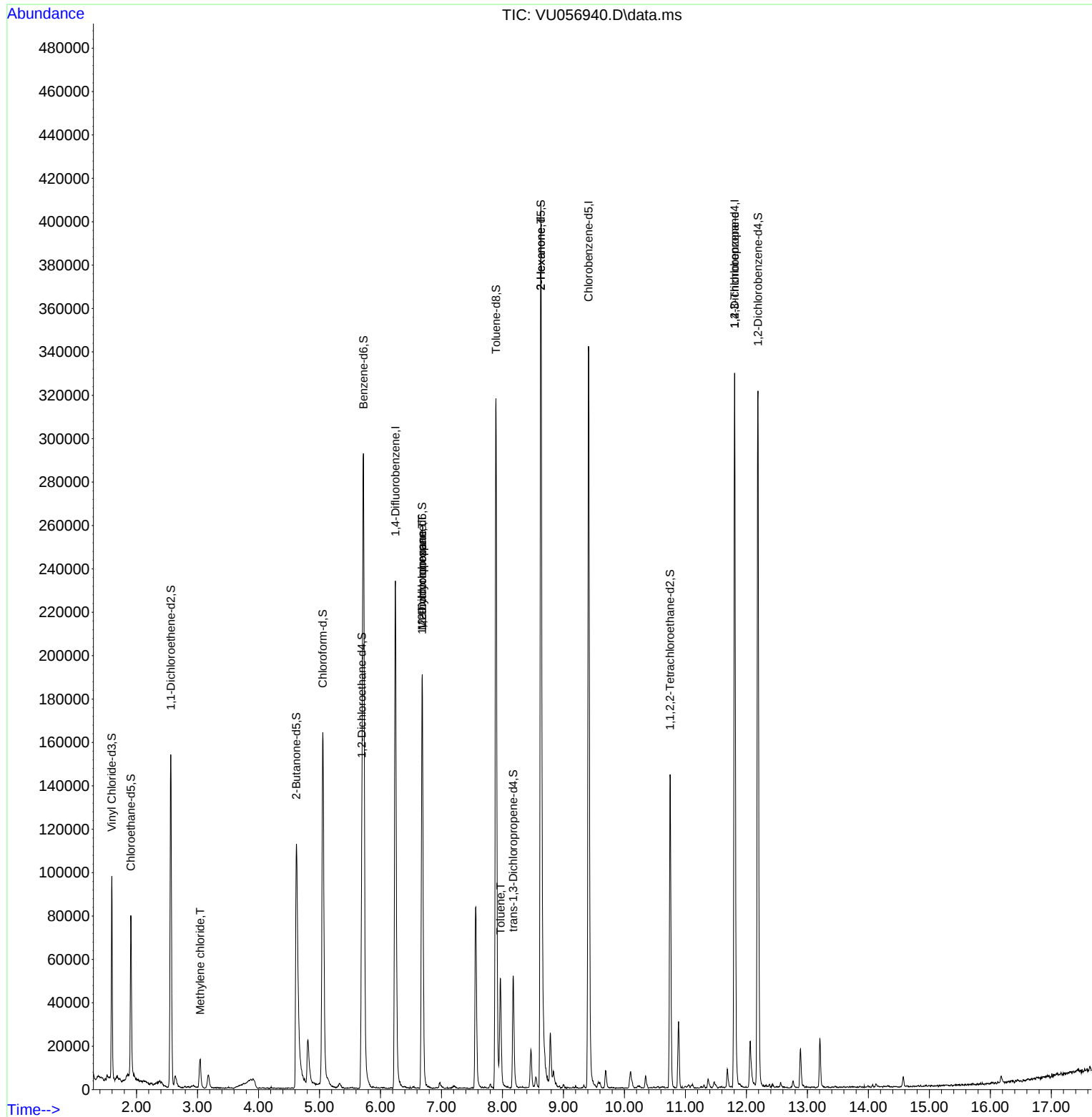
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	188880	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	199596	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	90083	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	65978	4.075	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.600%	
7) Chloroethane-d5	1.907	69	55886	4.613	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.200%	
11) 1,1-Dichloroethene-d2	2.563	65	29838	4.307	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.200%	
20) 2-Butanone-d5	4.621	46	184057	57.566	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.140%	
24) Chloroform-d	5.055	84	154778	5.048	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.000%	
26) 1,2-Dichloroethane-d4	5.695	65	77075	5.313	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.200%	
32) Benzene-d6	5.721	84	279908	4.521	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
36) 1,2-Dichloropropane-d6	6.682	67	93620	4.831	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.600%	
41) Toluene-d8	7.894	98	221483	4.003	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.000%	
43) trans-1,3-Dichloroprop...	8.177	79	32295	4.298	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.000%	
46) 2-Hexanone-d5	8.631	63	135435	47.786	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.580%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	73234	5.224	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	85581	4.833	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.600%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.046	84	7199	0.431	ug/L	94
35) Methylcyclohexane	6.685	83	21518	0.758	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	10161	0.566	ug/L #	88
42) Toluene	7.968	91	37375	0.515	ug/L	97
48) 2-Hexanone	8.631	43	18395	3.031	ug/L #	78
61) 1,2,3-Trichloropropane	11.807	75	11613	1.201	ug/L #	68

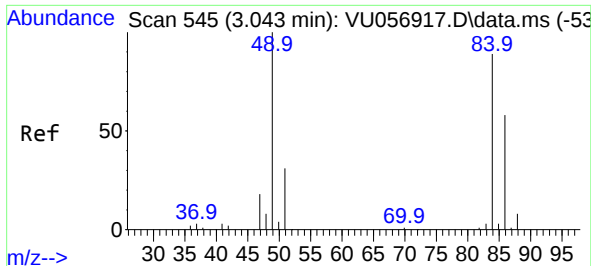
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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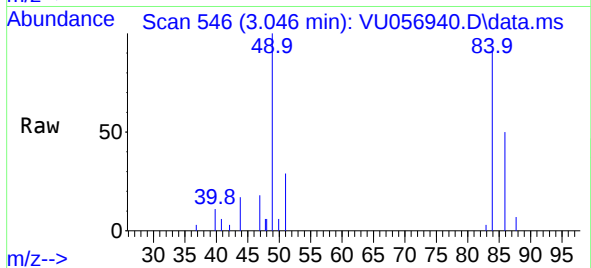
Quant Time: Dec 16 23:49:24 2023
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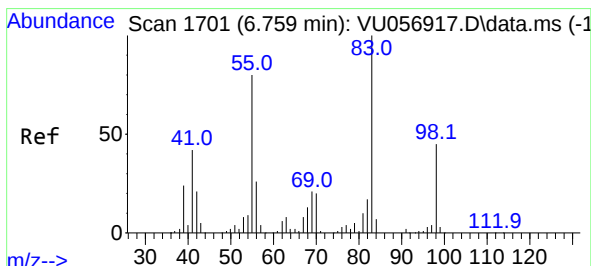
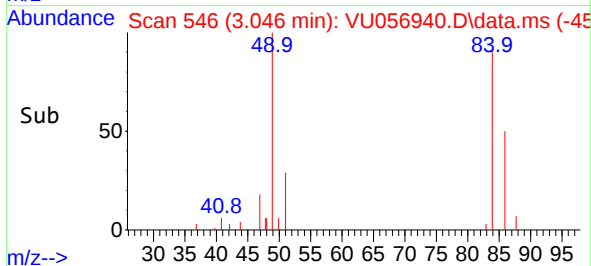
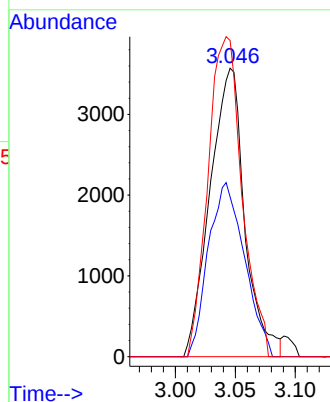


#16
Methylene chloride
Concen: 0.431 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.006 min
Lab File: VU056940.D
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Instrument :
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ClientSampleId :

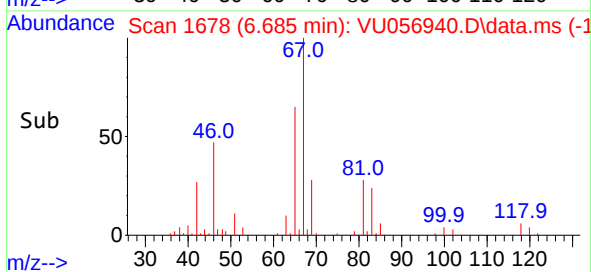
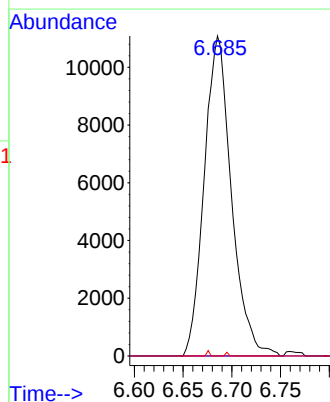
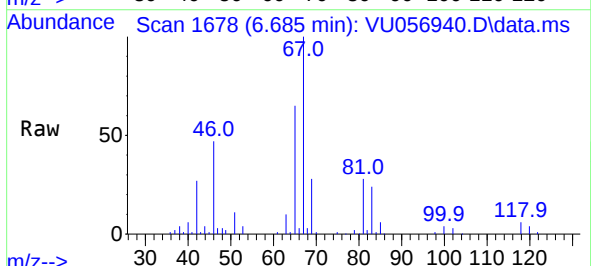


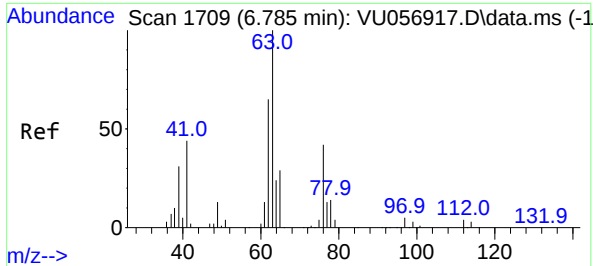
Tgt Ion: 84 Resp: 7199
Ion Ratio Lower Upper
84 100
86 55.4 43.6 81.0
49 109.6 80.6 149.6



#35
Methylcyclohexane
Concen: 0.758 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056940.D
Acq: 16 Dec 2023 20:30

Tgt Ion: 83 Resp: 21518
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 0.2 36.1 54.1#

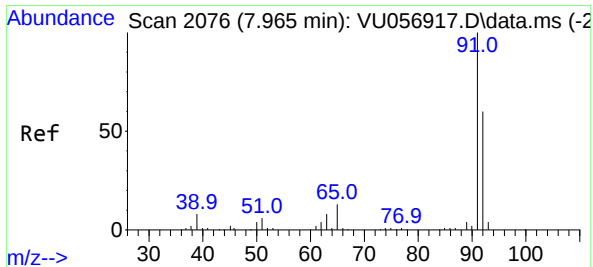
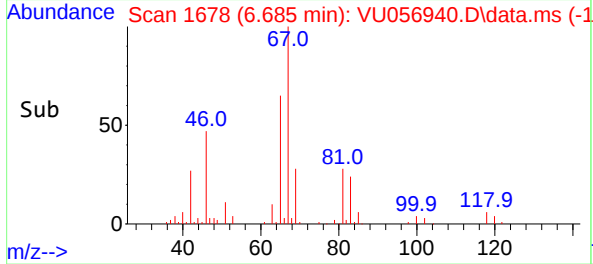
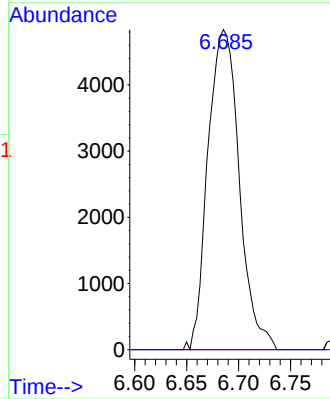
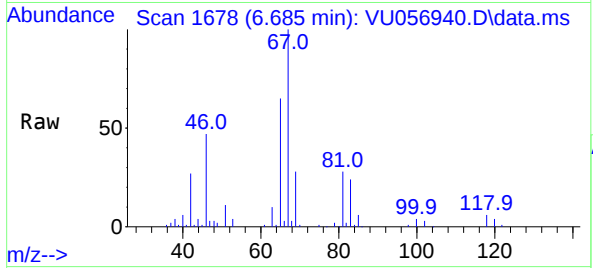




#37
1,2-Dichloropropane
Concen: 0.566 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056940.D
Acq: 16 Dec 2023 20:30

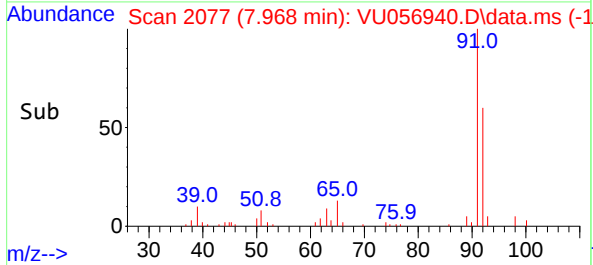
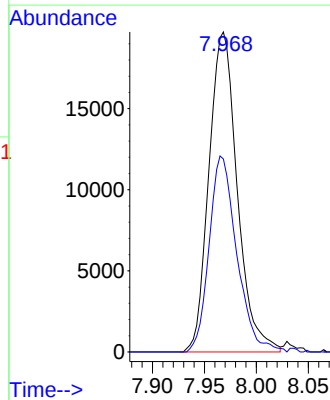
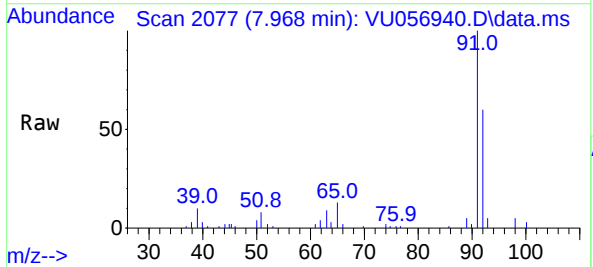
Instrument :
MSVOA_U
ClientSampleId :

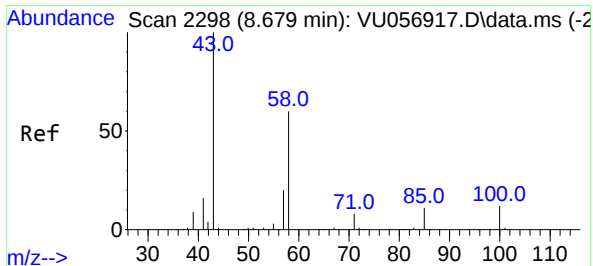
Tgt Ion: 63 Resp: 10161
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#42
Toluene
Concen: 0.515 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VU056940.D
Acq: 16 Dec 2023 20:30

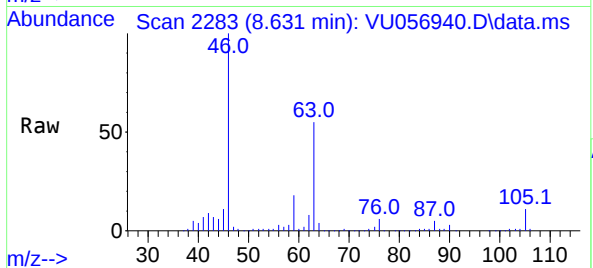
Tgt Ion: 91 Resp: 37375
Ion Ratio Lower Upper
91 100
92 60.3 40.4 75.0





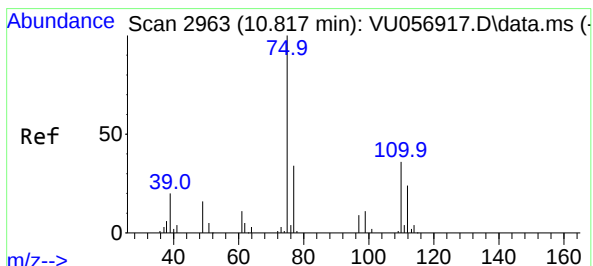
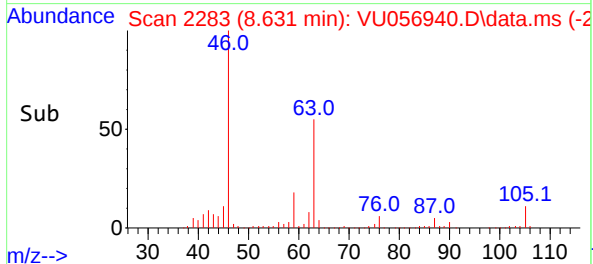
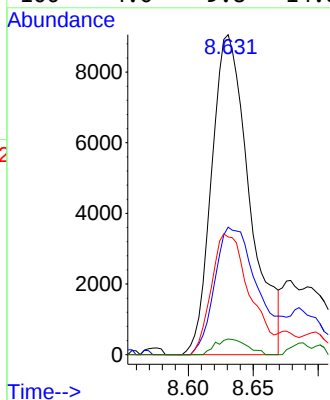
#48
2-Hexanone
Concen: 3.031 ug/L
RT: 8.631 min Scan# 21
Delta R.T. -0.048 min
Lab File: VU056940.D
Acq: 16 Dec 2023 20:30

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 18395

Ion	Ratio	Lower	Upper
43	100		
58	46.7	47.5	71.3#
57	37.9	17.0	25.4#
100	4.0	9.8	14.8#



#61
1,2,3-Trichloropropane
Concen: 1.201 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056940.D
Acq: 16 Dec 2023 20:30

Tgt Ion: 75 Resp: 11613

Ion	Ratio	Lower	Upper
75	100		
110	0.9	28.4	42.6#
77	31.4	26.3	39.5

