

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092523\
 Data File : VU055489.D
 Acq On : 25 Sep 2023 12:44
 Operator : MD/SY
 Sample : 04581-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 26 01:22:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 25 01:08:17 2023
 Response via : Initial Calibration

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

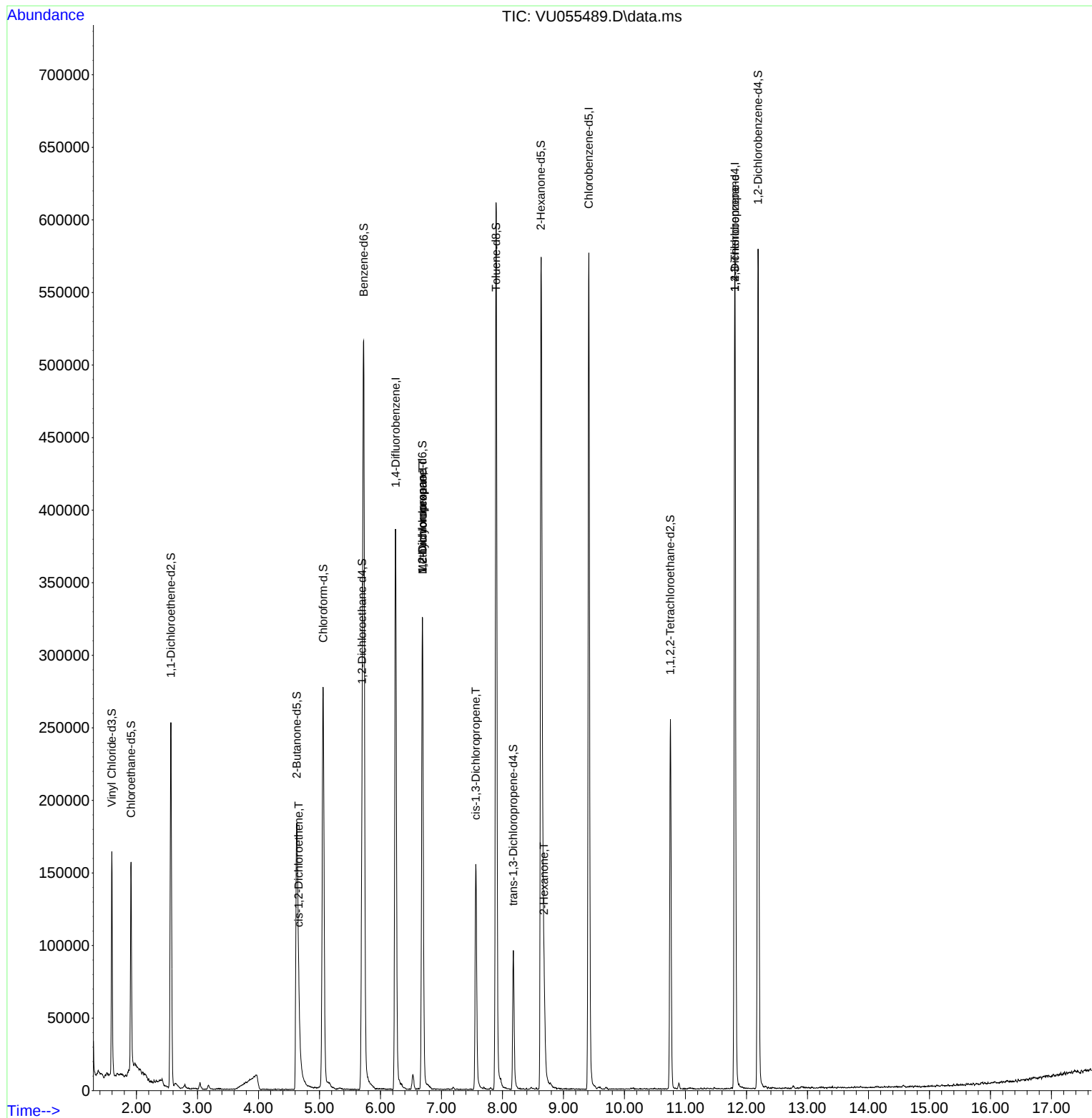
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	320266	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	334371	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	161181	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	108861	3.363	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.200%	
7) Chloroethane-d5	1.911	69	101512	3.559	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	71.200%	
11) 1,1-Dichloroethene-d2	2.563	65	48484	3.639	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.800%	
20) 2-Butanone-d5	4.628	46	330927	56.602	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.200%	
24) Chloroform-d	5.058	84	266046	4.544	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
26) 1,2-Dichloroethane-d4	5.698	65	138084	4.903	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.000%	
32) Benzene-d6	5.724	84	501136	4.285	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.600%	
36) 1,2-Dichloropropane-d6	6.685	67	163442	4.677	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.600%	
41) Toluene-d8	7.894	98	418660	3.927	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.600%	
43) trans-1,3-Dichloroprop...	8.177	79	57944	4.725	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.400%	
46) 2-Hexanone-d5	8.631	63	183881	49.297	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.600%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	130768	4.993	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	156755	4.819	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.400%	
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.660	96	2942	0.112	ug/L	94
35) Methylcyclohexane	6.689	83	37770	0.963	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	17891	0.711	ug/L #	89
39) cis-1,3-Dichloropropene	7.563	75	4348	0.129	ug/L #	74
48) 2-Hexanone	8.682	43	37133	4.197	ug/L #	87
61) 1,2,3-Trichloropropane	11.811	75	18424	1.464	ug/L #	68

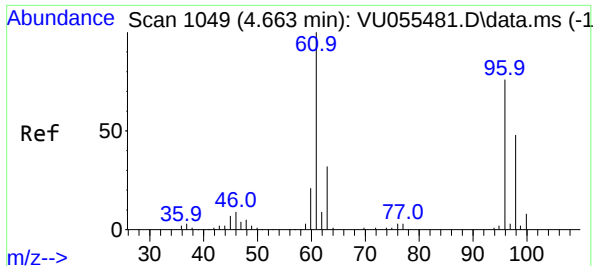
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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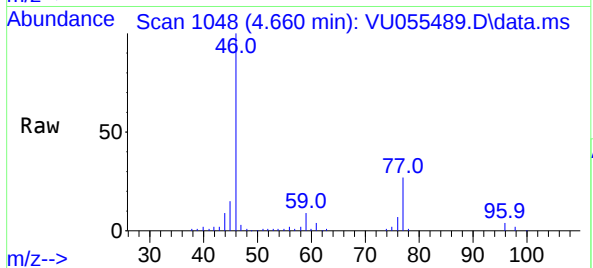
Quant Time: Sep 26 01:22:04 2023
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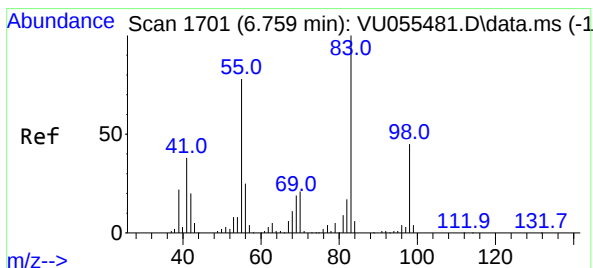
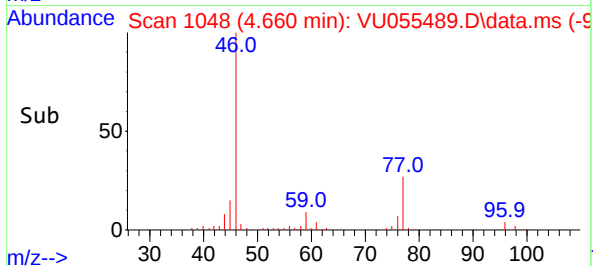
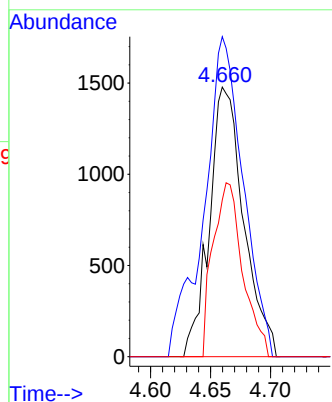
#22
 cis-1,2-Dichloroethene
 Concen: 0.112 ug/L
 RT: 4.660 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055489.D
 Acq: 25 Sep 2023 12:44

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 2942

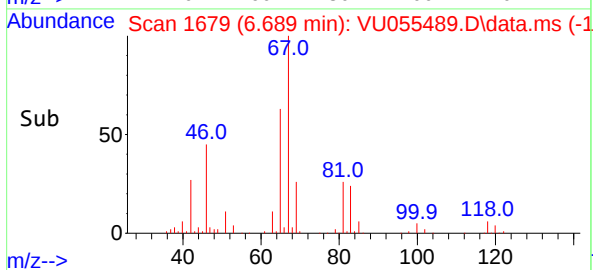
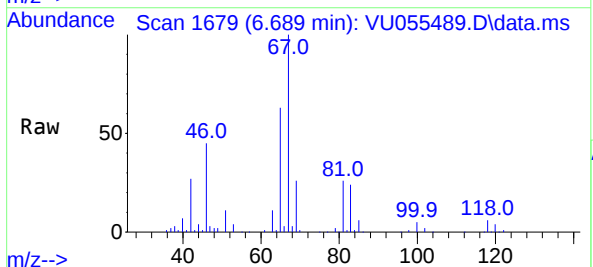
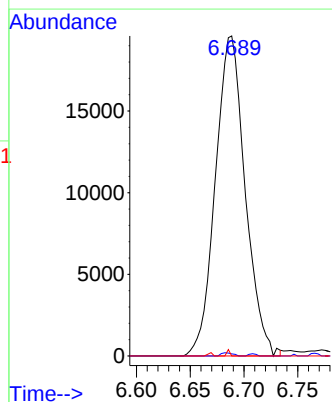
Ion	Ratio	Lower	Upper
96	100		
61	118.7	87.8	163.2
98	58.1	44.4	82.4

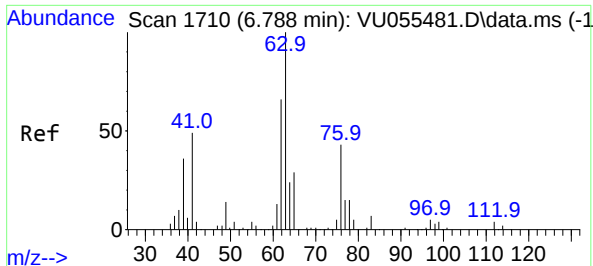


#35
 Methylcyclohexane
 Concen: 0.963 ug/L
 RT: 6.689 min Scan# 1679
 Delta R.T. -0.071 min
 Lab File: VU055489.D
 Acq: 25 Sep 2023 12:44

Tgt Ion: 83 Resp: 37770

Ion	Ratio	Lower	Upper
83	100		
55	0.4	59.1	88.7#
98	0.2	36.3	54.5#

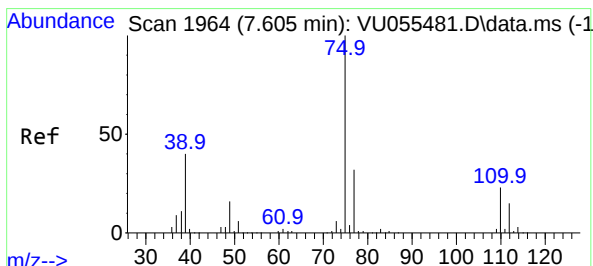
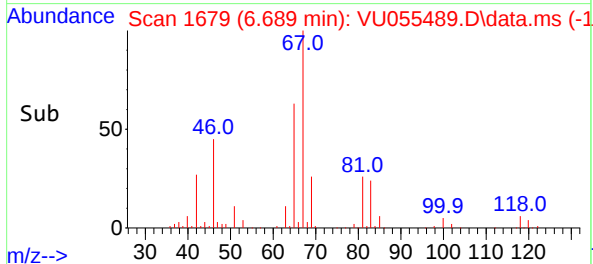
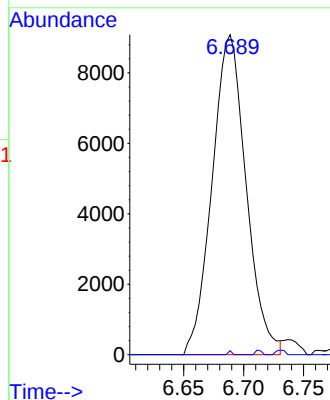
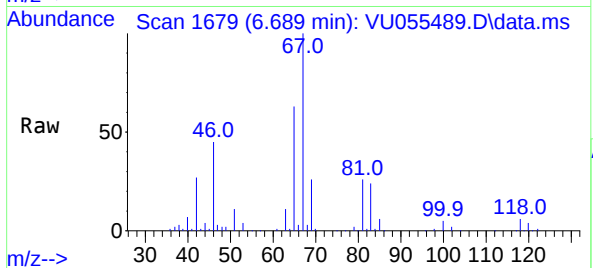




#37
1,2-Dichloropropane
Concen: 0.711 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU055489.D
Acq: 25 Sep 2023 12:44

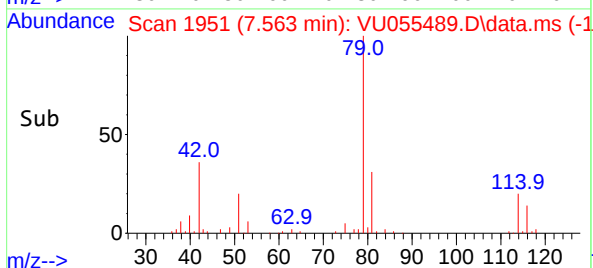
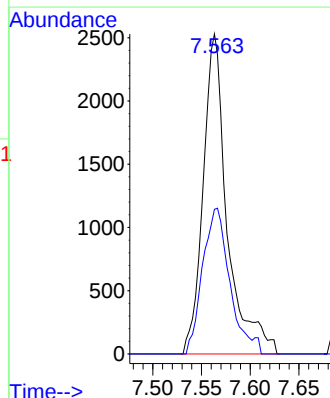
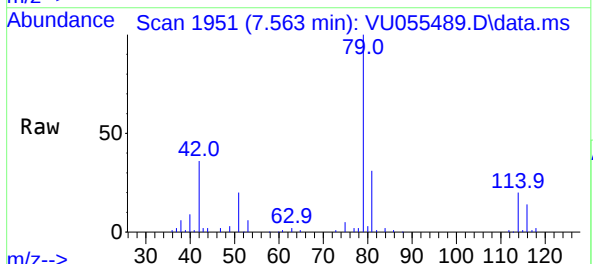
Instrument :
MSVOA_U
ClientSampleId :

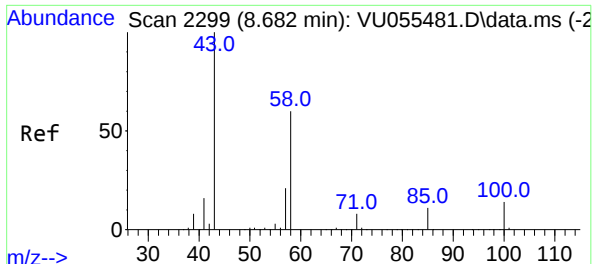
Tgt Ion: 63 Resp: 17891
Ion Ratio Lower Upper
63 100
112 0.1 3.0 4.6#



#39
cis-1,3-Dichloropropene
Concen: 0.129 ug/L
RT: 7.563 min Scan# 1951
Delta R.T. -0.042 min
Lab File: VU055489.D
Acq: 25 Sep 2023 12:44

Tgt Ion: 75 Resp: 4348
Ion Ratio Lower Upper
75 100
77 45.2 21.6 40.2#



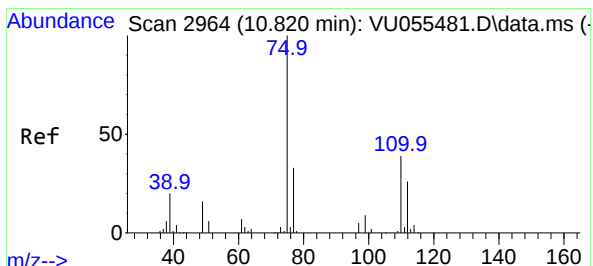
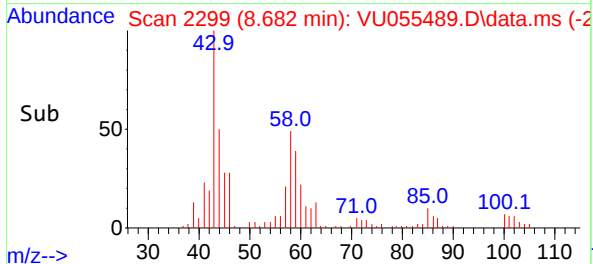
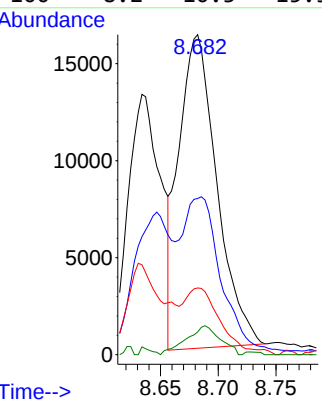
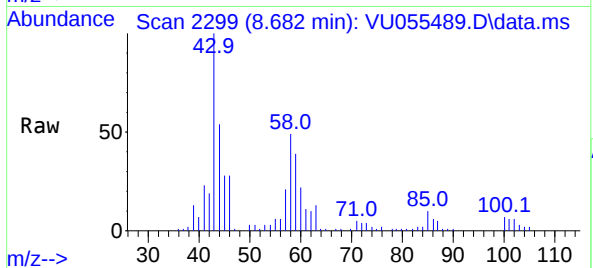


#48
2-Hexanone
Concen: 4.197 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055489.D
Acq: 25 Sep 2023 12:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 37133

Ion	Ratio	Lower	Upper
43	100		
58	47.2	48.5	72.7#
57	20.1	17.0	25.4
100	8.2	10.3	15.5#



#61
1,2,3-Trichloropropane
Concen: 1.464 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055489.D
Acq: 25 Sep 2023 12:44

Tgt Ion: 75 Resp: 18424

Ion	Ratio	Lower	Upper
75	100		
110	2.0	30.6	45.8#
77	33.6	26.7	40.1

