

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076670.D
 Acq On : 30 Jun 2023 18:47
 Operator : KP/SY
 Sample : 03472-24
 Misc : 6.74G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46R5

Quant Time: Jul 03 01:31:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

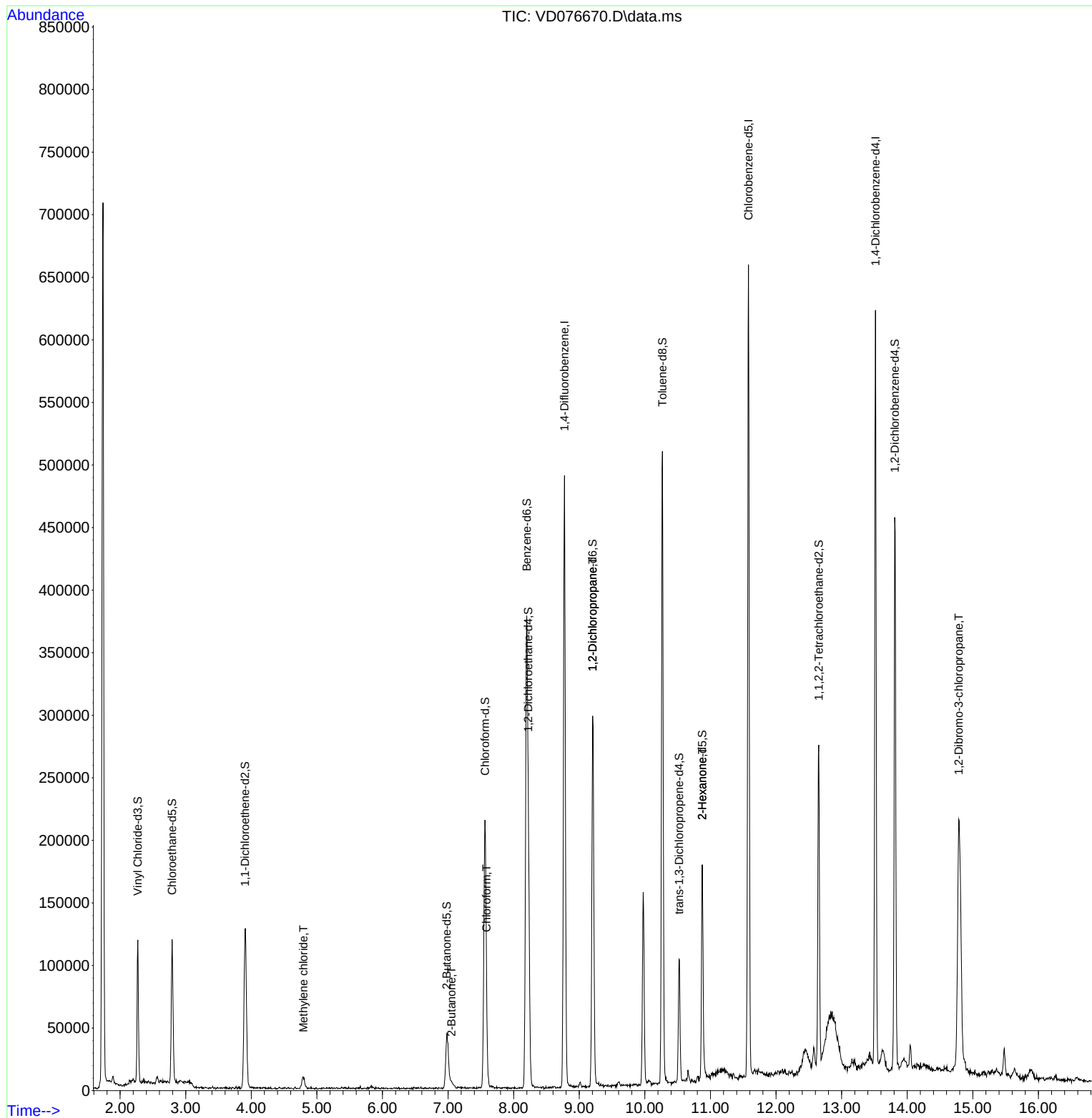
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	415564	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	354138	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	152323	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	101322	10.012	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	40.040%
7) Chloroethane-d5	2.793	69	109965	13.438	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.760%
11) 1,1-Dichloroethene-d2	3.905	65	37253	14.102	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.400%
21) 2-Butanone-d5	6.981	46	77503	50.567	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.140%
24) Chloroform-d	7.563	84	215798	19.710	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.840%
26) 1,2-Dichloroethane-d4	8.222	65	121668	22.526	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.120%
32) Benzene-d6	8.199	84	387141	17.871	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.480%
36) 1,2-Dichloropropane-d6	9.204	67	140102	20.261	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.040%
41) Toluene-d8	10.269	98	342369	17.068	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.280%
43) trans-1,3-Dichloroprop...	10.522	79	53294	18.530	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.120%
47) 2-Hexanone-d5	10.875	63	57345	53.424	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.840%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	126995	25.814	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.240%
66) 1,2-Dichlorobenzene-d4	13.810	152	112374	20.127	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.520%
Target Compounds						Qvalue
16) Methylene chloride	4.793	84	4744	0.657	ug/L	86
22) 2-Butanone	7.052	43	1849	0.926	ug/L #	49
25) Chloroform	7.587	83	5994	0.559	ug/L	88
37) 1,2-Dichloropropane	9.204	63	16429	2.571	ug/L #	88
48) 2-Hexanone	10.875	43	7126	2.617	ug/L #	71
68) 1,2-Dibromo-3-chloropr...	14.786	75	10447	15.858	ug/L #	1

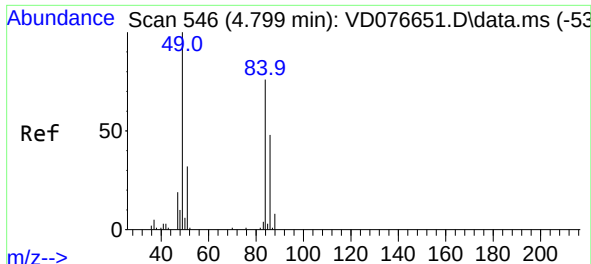
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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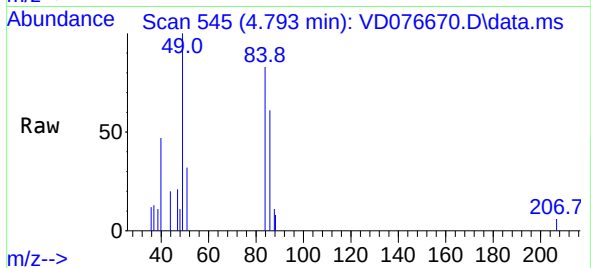
Quant Time: Jul 03 01:31:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration



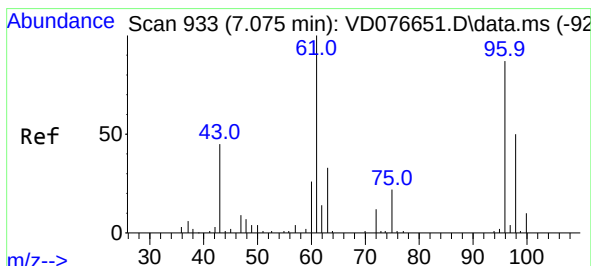
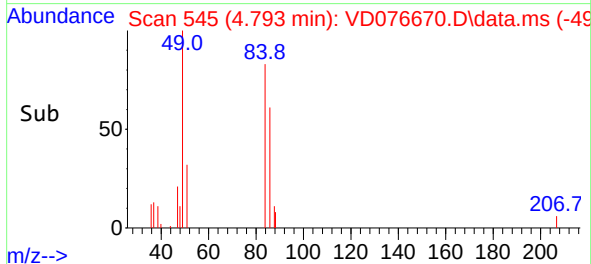
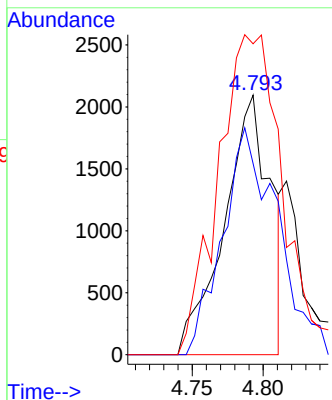


#16
Methylene chloride
Concen: 0.657 ug/L
RT: 4.793 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD076670.D
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MSVOA_D
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A46R5

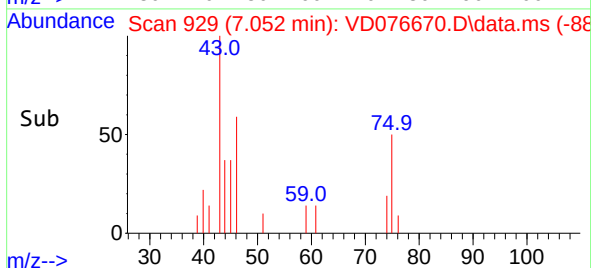
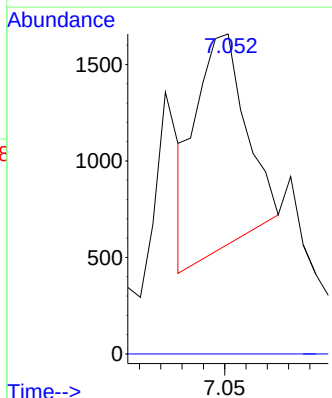
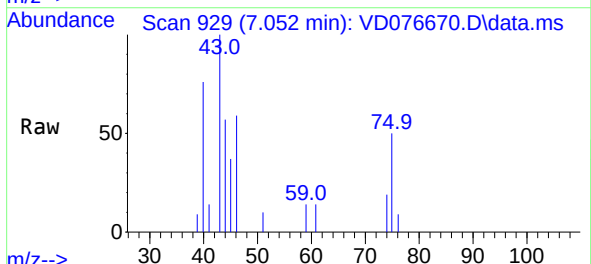


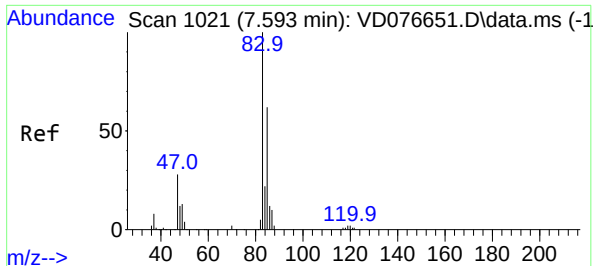
Tgt Ion: 84 Resp: 4744
Ion Ratio Lower Upper
84 100
86 73.7 45.1 83.9
49 119.8 97.2 180.6



#22
2-Butanone
Concen: 0.926 ug/L
RT: 7.052 min Scan# 929
Delta R.T. -0.030 min
Lab File: VD076670.D
Acq: 30 Jun 2023 18:47

Tgt Ion: 43 Resp: 1849
Ion Ratio Lower Upper
43 100
72 0.0 12.9 38.7#





#25

Chloroform

Concen: 0.559 ug/L

RT: 7.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD076670.D

Acq: 30 Jun 2023 18:47

Instrument :

MSVOA_D

ClientSampleId :

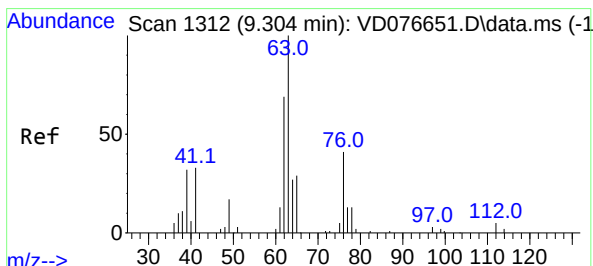
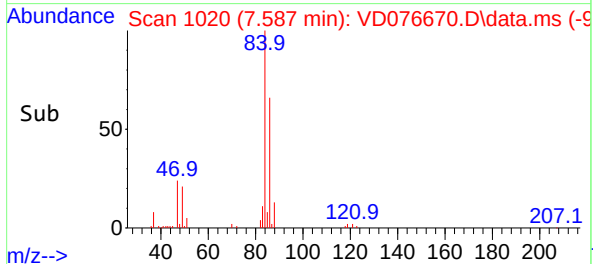
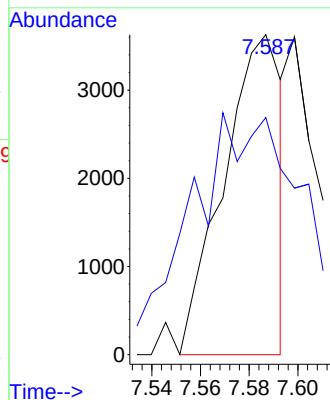
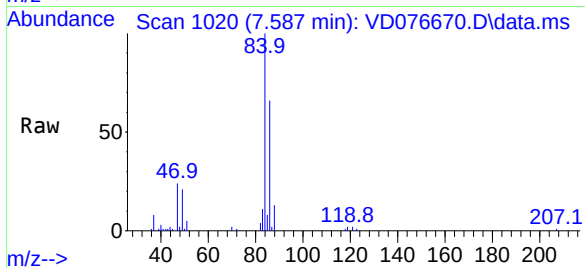
A46R5

Tgt Ion: 83 Resp: 5994

Ion Ratio Lower Upper

83 100

85 74.1 45.4 84.4



#37

1,2-Dichloropropane

Concen: 2.571 ug/L

RT: 9.204 min Scan# 1295

Delta R.T. -0.100 min

Lab File: VD076670.D

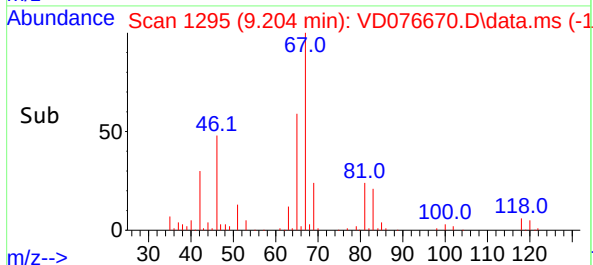
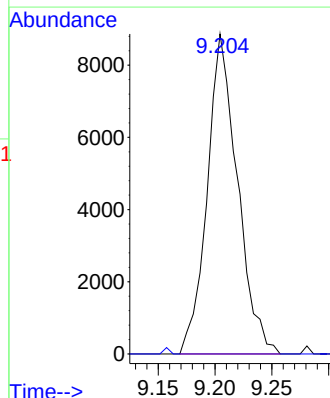
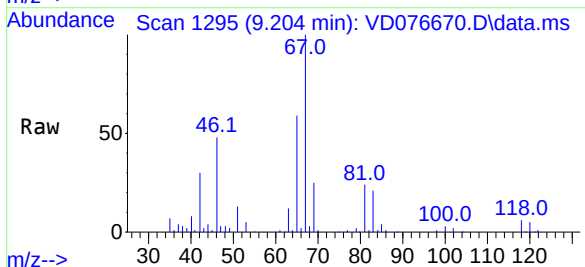
Acq: 30 Jun 2023 18:47

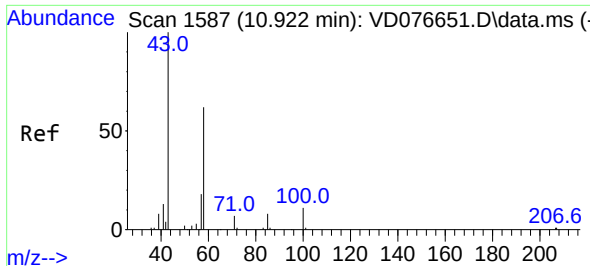
Tgt Ion: 63 Resp: 16429

Ion Ratio Lower Upper

63 100

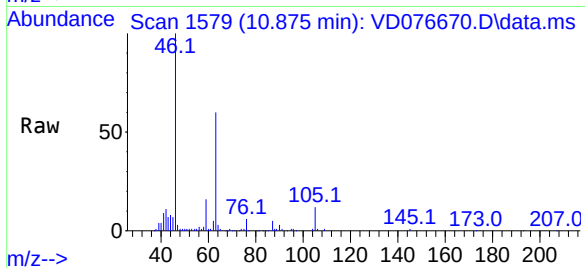
112 0.0 3.1 4.7#



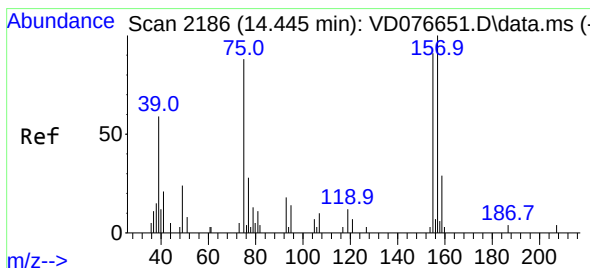
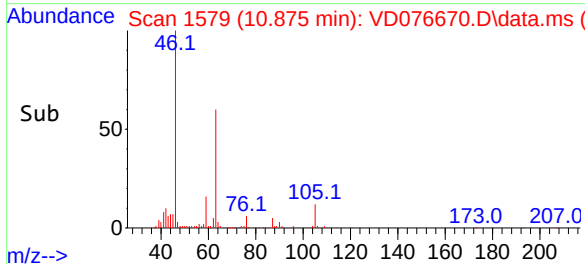
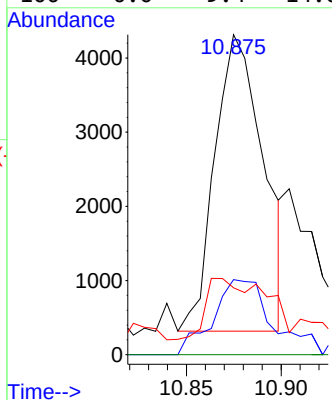


#48
2-Hexanone
Concen: 2.617 ug/L
RT: 10.875 min Scan# 11
Delta R.T. -0.047 min
Lab File: VD076670.D
Acq: 30 Jun 2023 18:47

Instrument :
MSVOA_D
ClientSampleId :
A46R5



Tgt Ion: 43 Resp: 7126
Ion Ratio Lower Upper
43 100
58 26.7 42.9 64.3#
57 15.8 13.7 20.5
100 0.0 9.4 14.0#



#68
1,2-Dibromo-3-chloropropane
Concen: 15.858 ug/L
RT: 14.786 min Scan# 2244
Delta R.T. 0.341 min
Lab File: VD076670.D
Acq: 30 Jun 2023 18:47

Tgt Ion: 75 Resp: 10447
Ion Ratio Lower Upper
75 100
155 5.0 76.2 114.4#
157 0.0 89.4 134.2#

