

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112123\
 Data File : VD077648.D
 Acq On : 21 Nov 2023 16:35
 Operator : JC/SY
 Sample : 05437-11RE
 Misc : 4.92G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 22 01:42:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration

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

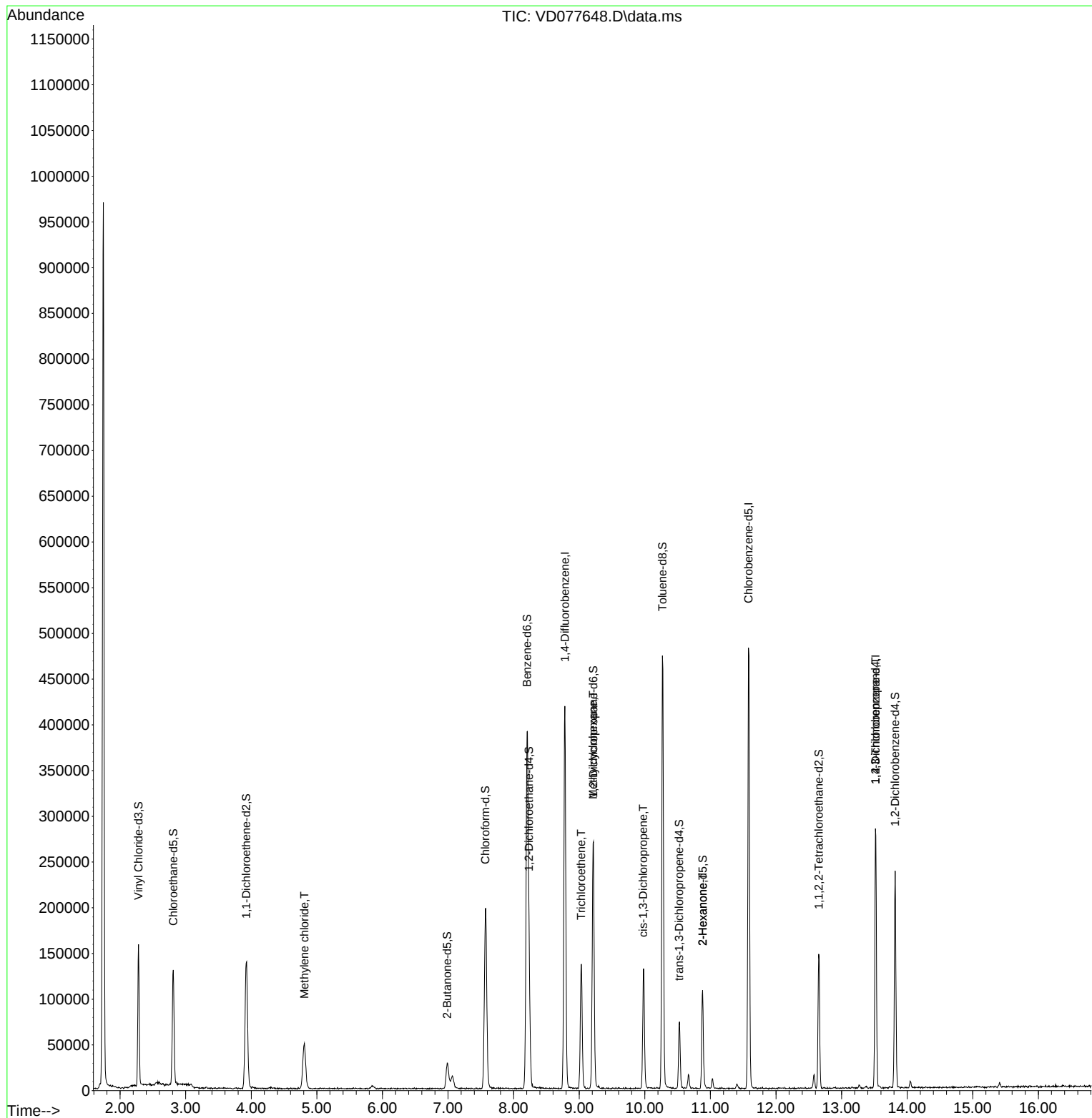
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	347339	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	260753	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	73787	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	138617	15.688	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.760%
7) Chloroethane-d5	2.811	69	129969	18.724	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.880%
11) 1,1-Dichloroethene-d2	3.922	65	44148	16.158	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.640%
21) 2-Butanone-d5	6.987	46	51230	33.488	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.980%
24) Chloroform-d	7.569	84	204116	20.343	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.360%
26) 1,2-Dichloroethane-d4	8.234	65	103226	19.341	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.360%
32) Benzene-d6	8.205	84	394730	23.324	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.280%
36) 1,2-Dichloropropane-d6	9.216	67	134950	24.480	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.920%
41) Toluene-d8	10.269	98	322195	21.068	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.280%
43) trans-1,3-Dichloroprop...	10.522	79	40576	17.071	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.280%
47) 2-Hexanone-d5	10.881	63	37262	37.786	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.580%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	77094	21.108	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.440%
66) 1,2-Dichlorobenzene-d4	13.816	152	59249	22.571	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.280%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.811	84	35147	5.993	ug/L	93
34) Trichloroethene	9.028	95	48398	10.802	ug/L	96
35) Methylcyclohexane	9.210	83	29716	3.675	ug/L #	16
39) cis-1,3-Dichloropropene	9.975	75	3814	0.494	ug/L	86
48) 2-Hexanone	10.881	43	5733	2.361	ug/L #	66
61) 1,2,3-Trichloropropane	13.516	75	10476	6.665	ug/L #	68

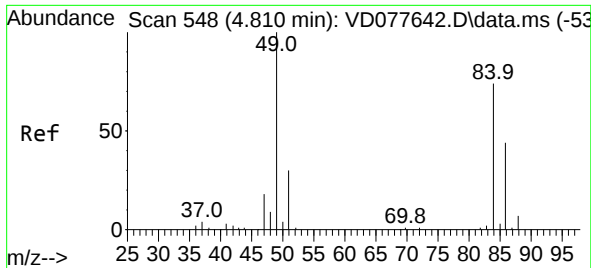
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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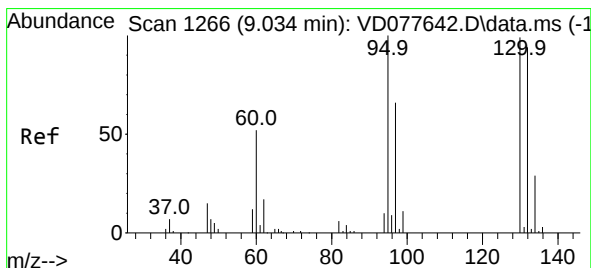
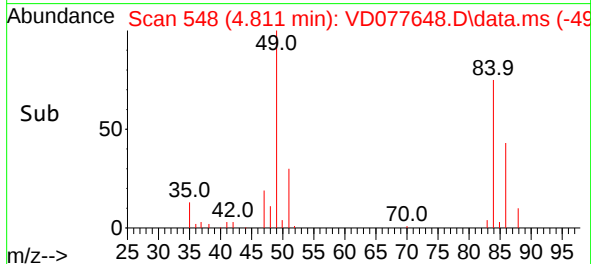
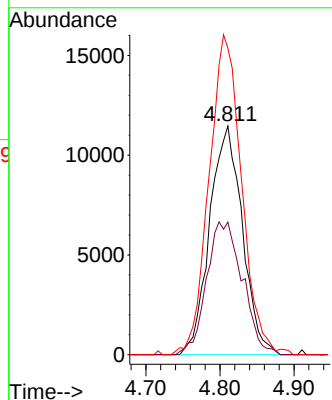
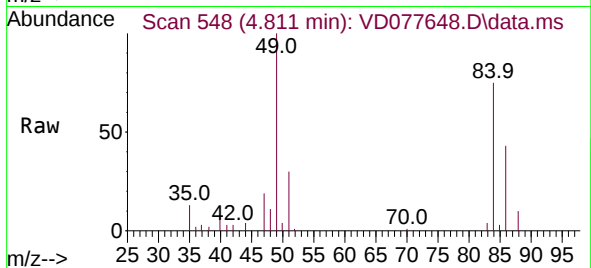




#16
Methylene chloride
Concen: 5.993 ug/L
RT: 4.811 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD077648.D
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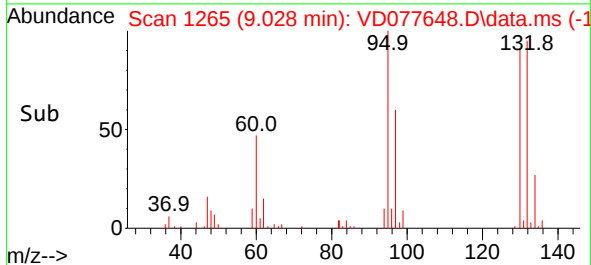
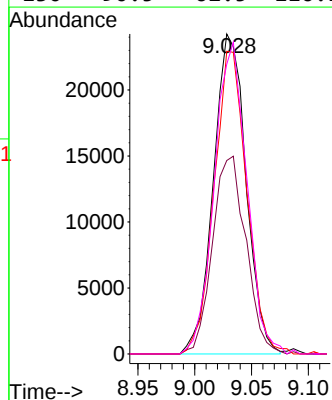
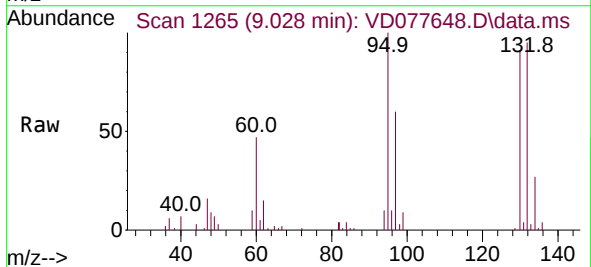
Instrument :
MSVOA_D
ClientSampleId :

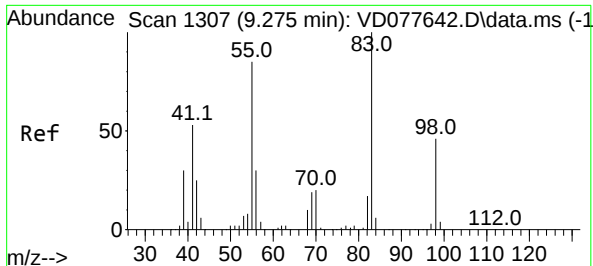
Tgt Ion: 84 Resp: 35147
Ion Ratio Lower Upper
84 100
86 58.0 46.5 86.5
49 134.0 98.3 182.7



#34
Trichloroethene
Concen: 10.802 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD077648.D
Acq: 21 Nov 2023 16:35

Tgt Ion: 95 Resp: 48398
Ion Ratio Lower Upper
95 100
97 60.5 42.4 78.6
132 94.6 59.4 110.2
130 90.5 62.5 116.1





#35

Methylcyclohexane

Concen: 3.675 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.064 min

Lab File: VD077648.D

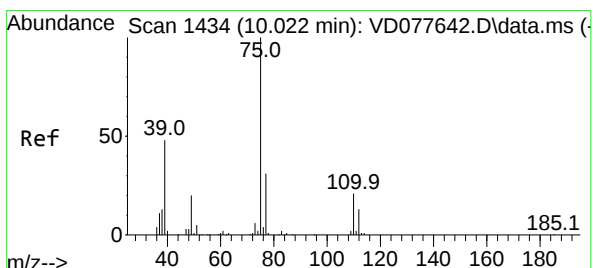
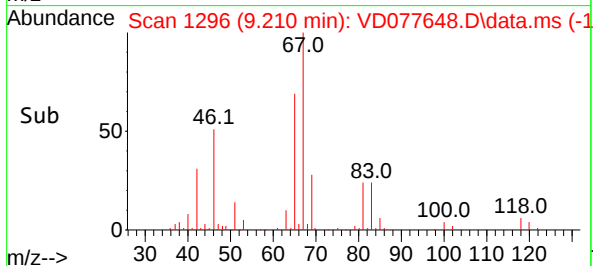
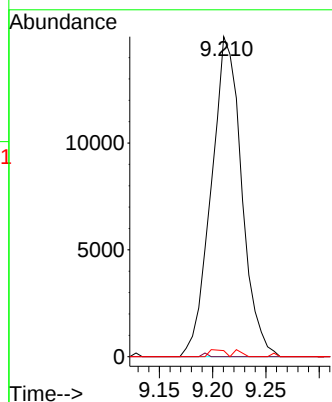
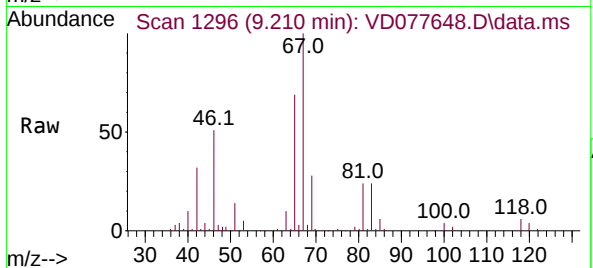
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Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 29716
Ion Ratio	Lower Upper
83 100	
55 0.0	66.5 99.7#
98 0.6	37.4 56.2#



#39

cis-1,3-Dichloropropene

Concen: 0.494 ug/L

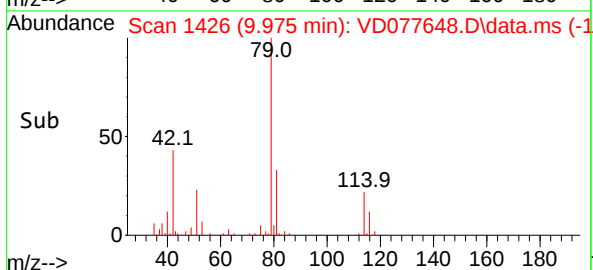
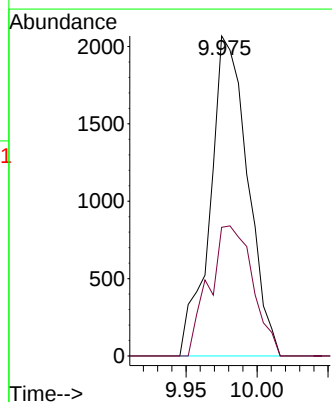
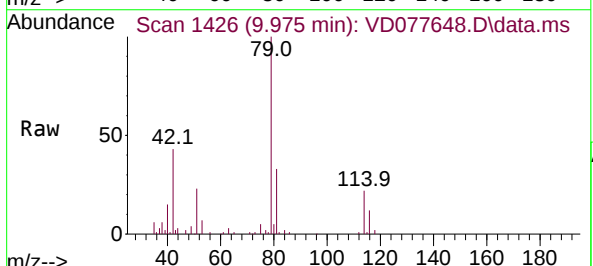
RT: 9.975 min Scan# 1426

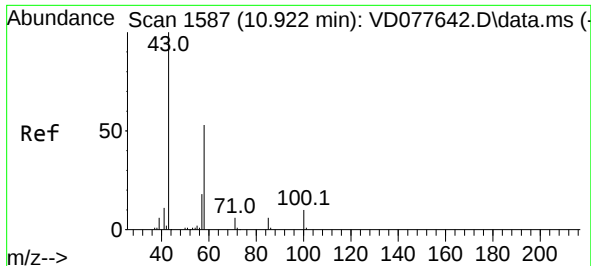
Delta R.T. -0.047 min

Lab File: VD077648.D

Acq: 21 Nov 2023 16:35

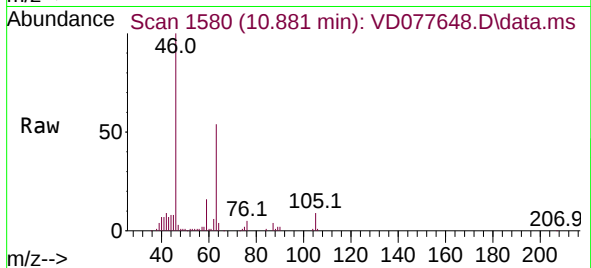
Tgt Ion: 75	Resp: 3814
Ion Ratio	Lower Upper
75 100	
77 40.2	22.5 41.9



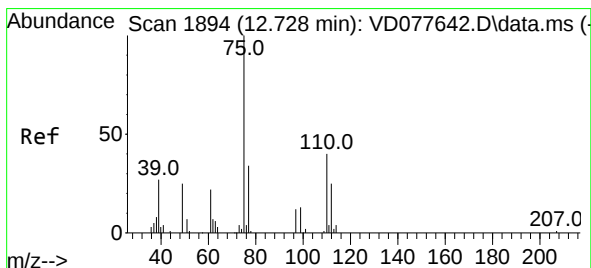
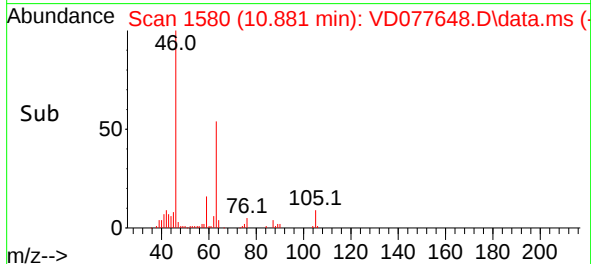
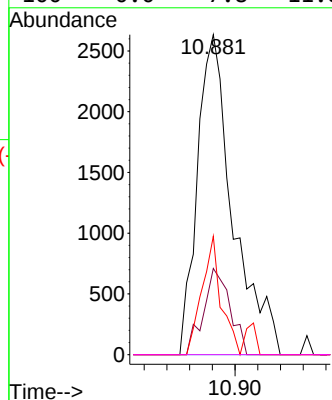


#48
2-Hexanone
Concen: 2.361 ug/L
RT: 10.881 min Scan# 11
Delta R.T. -0.041 min
Lab File: VD077648.D
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MSVOA_D
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Tgt Ion: 43 Resp: 5733
Ion Ratio Lower Upper
43 100
58 20.0 40.8 61.2#
57 20.0 13.7 20.5
100 0.0 7.8 11.8#



#61
1,2,3-Trichloropropane
Concen: 6.665 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.788 min
Lab File: VD077648.D
Acq: 21 Nov 2023 16:35

Tgt Ion: 75 Resp: 10476
Ion Ratio Lower Upper
75 100
77 34.1 25.6 38.4
110 3.0 29.6 44.4#

