

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082021\
 Data File : VW019833.D
 Acq On : 20 Aug 2021 14:57
 Operator : SY/VA
 Sample : M3486-09
 Misc : 7.33g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 20 23:36:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 20 23:32:55 2021
 Response via : Initial Calibration

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

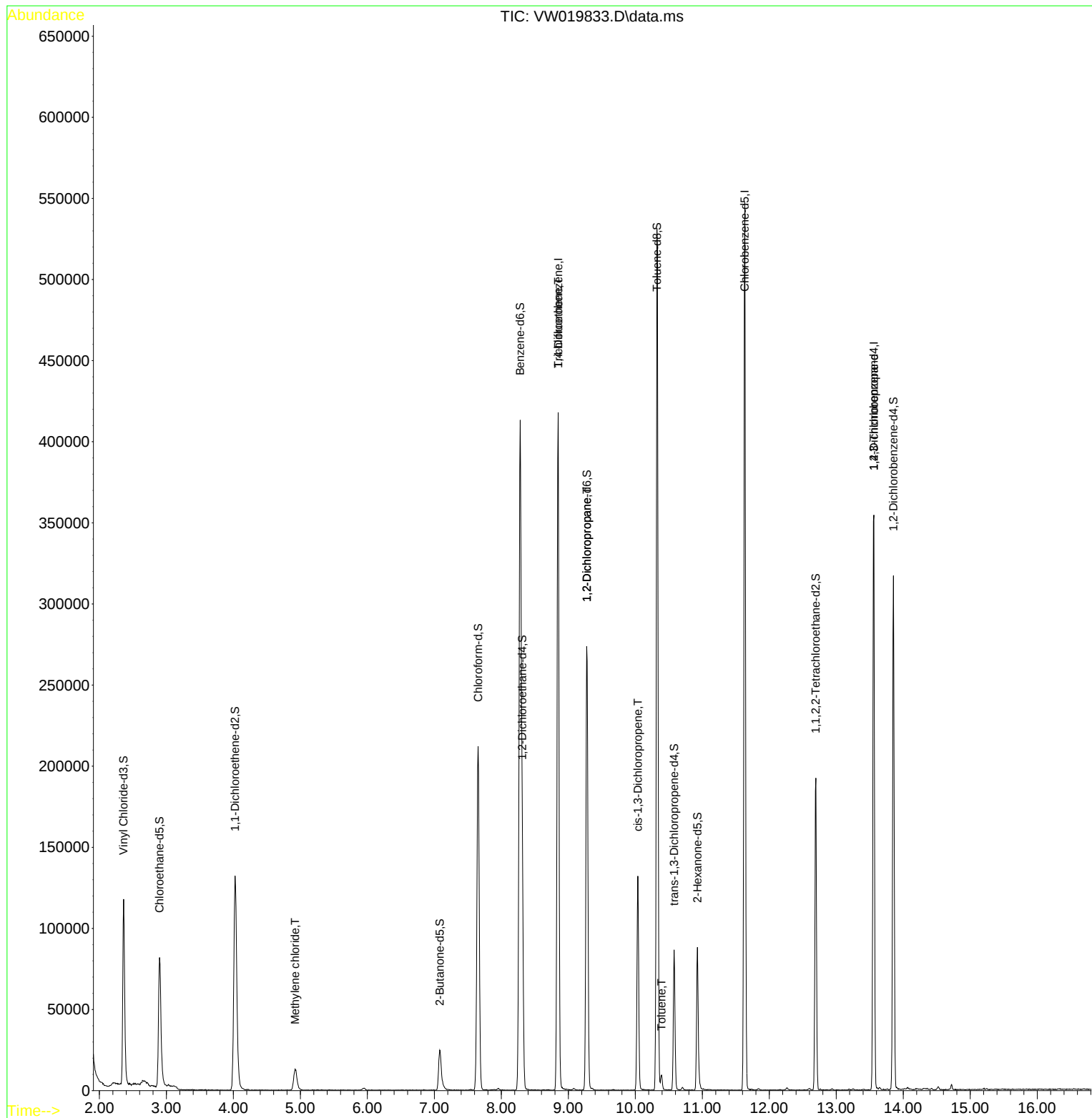
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	336844	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	293964	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	91022	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	135243	25.914	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.640%
7) Chloroethane-d5	2.898	69	110457	24.112	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.440%
11) 1,1-Dichloroethene-d2	4.026	63	146193	16.143	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.560%
21) 2-Butanone-d5	7.080	46	41496	39.143	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.280%
24) Chloroform-d	7.653	84	213352	23.031	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.120%
26) 1,2-Dichloroethane-d4	8.311	65	116226	23.282	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.120%
32) Benzene-d6	8.281	84	408924	24.397	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	9.275	67	128970	25.409	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.640%
41) Toluene-d8	10.323	98	340912	22.195	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.760%
43) trans-1,3-Dichloroprop...	10.579	79	47013	22.420	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.680%
47) 2-Hexanone-d5	10.927	63	27286	38.589	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.180%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	93710	22.684	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	76619	24.540	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.160%
Target Compounds						Qvalue
16) Methylene chloride	4.922	84	11193	1.936	ug/L	91
34) Trichloroethene	8.848	95	10320	2.200	ug/L #	5
37) 1,2-Dichloropropane	9.275	63	14727	3.296	ug/L #	87
39) cis-1,3-Dichloropropene	10.037	75	3406	0.518	ug/L #	64
42) Toluene	10.390	91	6200	0.324	ug/L	100
61) 1,2,3-Trichloropropane	13.560	75	12034	6.743	ug/L #	64

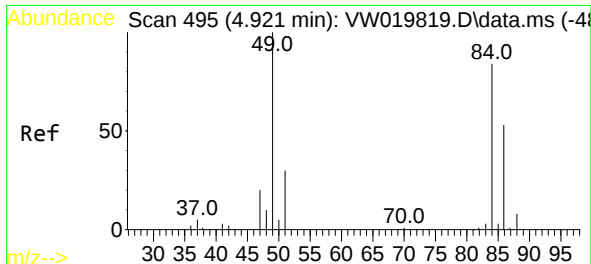
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_W
ClientSampleId :

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Quant Title : SFAM01.0
QLast Update : Fri Aug 20 23:32:55 2021
Response via : Initial Calibration

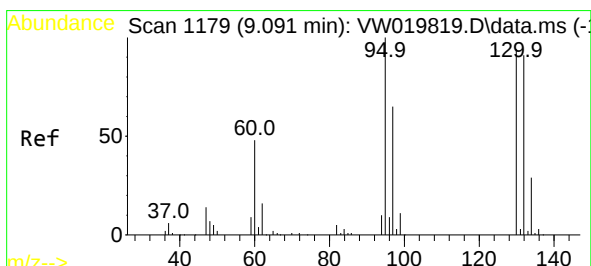
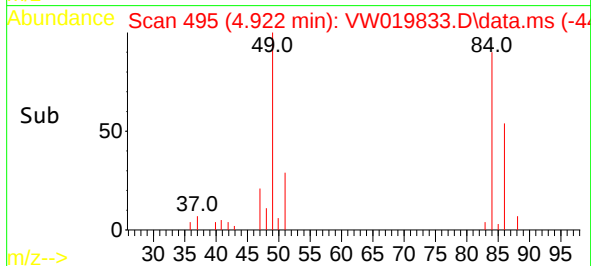
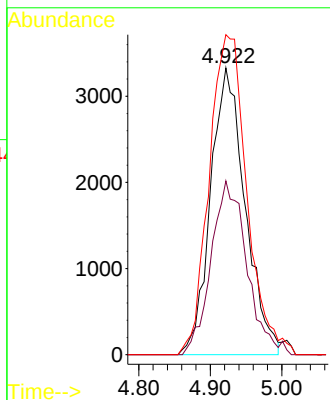
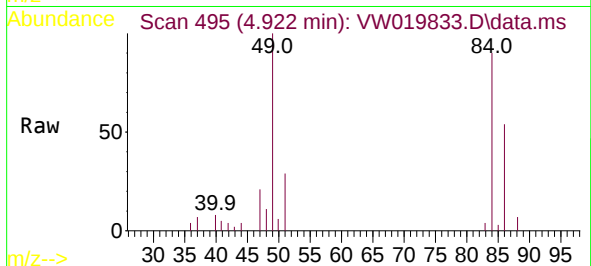




#16
Methylene chloride
Concen: 1.936 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW019833.D
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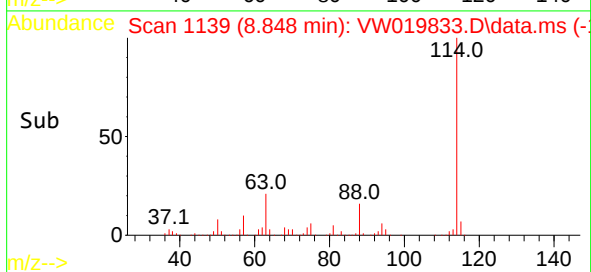
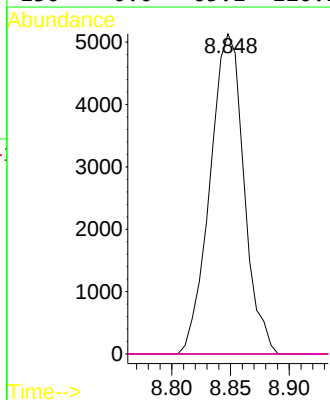
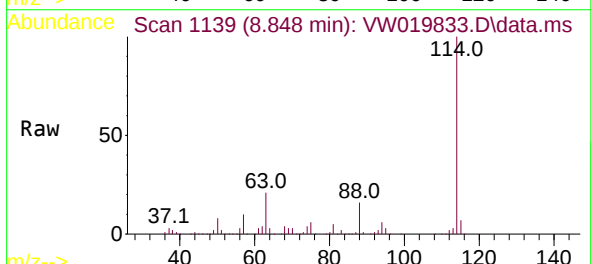
Instrument :
MSVOA_W
ClientSampled :

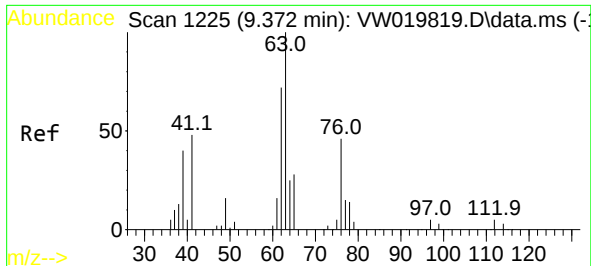
Tgt Ion: 84 Resp: 11193
Ion Ratio Lower Upper
84 100
86 60.6 45.3 84.1
49 111.6 86.6 160.8



#34
Trichloroethene
Concen: 2.200 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW019833.D
Acq: 20 Aug 2021 14:57

Tgt Ion: 95 Resp: 10320
Ion Ratio Lower Upper
95 100
97 0.0 47.3 87.8#
132 0.0 71.0 131.8#
130 0.0 65.1 120.9#

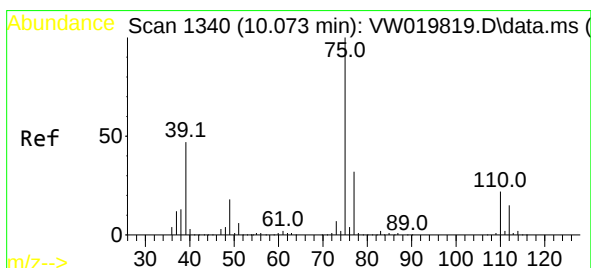
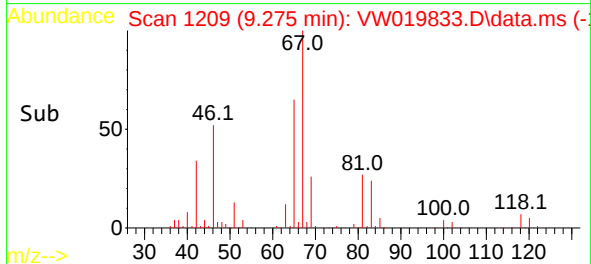
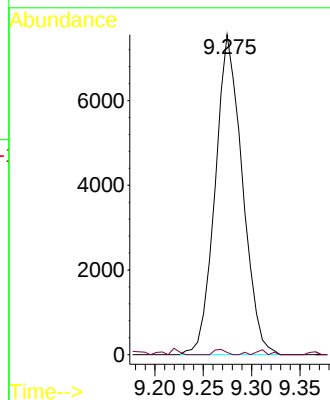
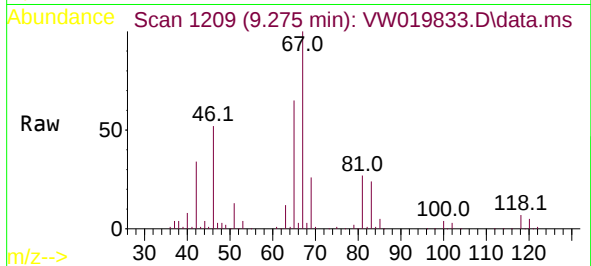




#37
1,2-Dichloropropane
Concen: 3.296 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.097 min
Lab File: VW019833.D
Acq: 20 Aug 2021 14:57

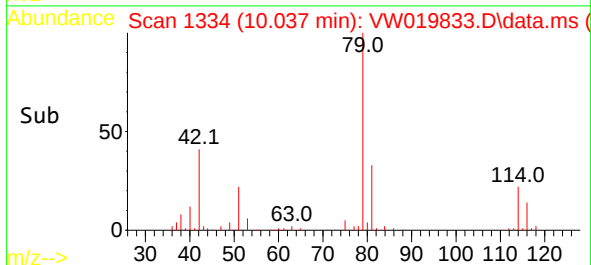
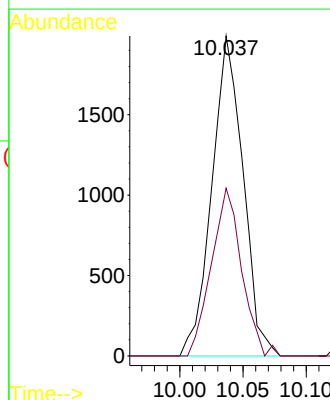
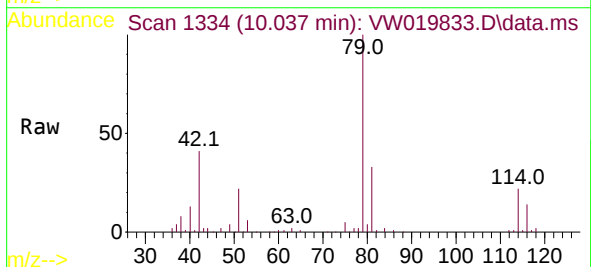
Instrument :
MSVOA_W
ClientSampled :

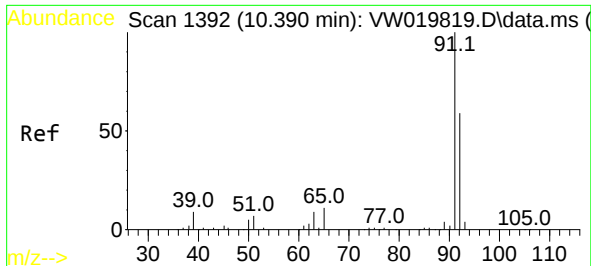
Tgt Ion: 63 Resp: 14727
Ion Ratio Lower Upper
63 100
112 0.7 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.518 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW019833.D
Acq: 20 Aug 2021 14:57

Tgt Ion: 75 Resp: 3406
Ion Ratio Lower Upper
75 100
77 52.4 22.6 42.0#

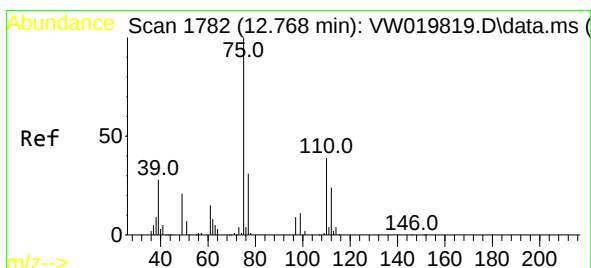
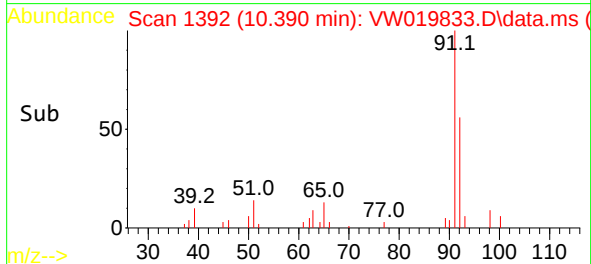
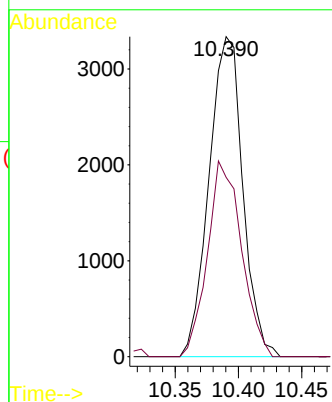
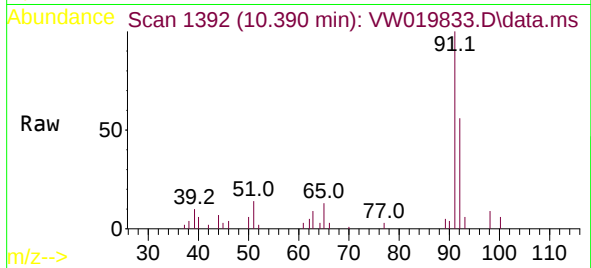




#42
Toluene
Concen: 0.324 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019833.D
Acq: 20 Aug 2021 14:57

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 91 Resp: 6200
Ion Ratio Lower Upper
91 100
92 56.0 39.5 73.3



#61
1,2,3-Trichloropropane
Concen: 6.743 ug/L
RT: 13.560 min Scan# 1912
Delta R.T. 0.793 min
Lab File: VW019833.D
Acq: 20 Aug 2021 14:57

Tgt Ion: 75 Resp: 12034
Ion Ratio Lower Upper
75 100
77 33.8 25.3 37.9
110 3.2 32.6 48.8#

