

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
 Data File : VU058588.D
 Acq On : 11 Apr 2024 04:35
 Operator : MD/SY
 Sample : P2032-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 11 04:53:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 11 02:34:51 2024
 Response via : Initial Calibration

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

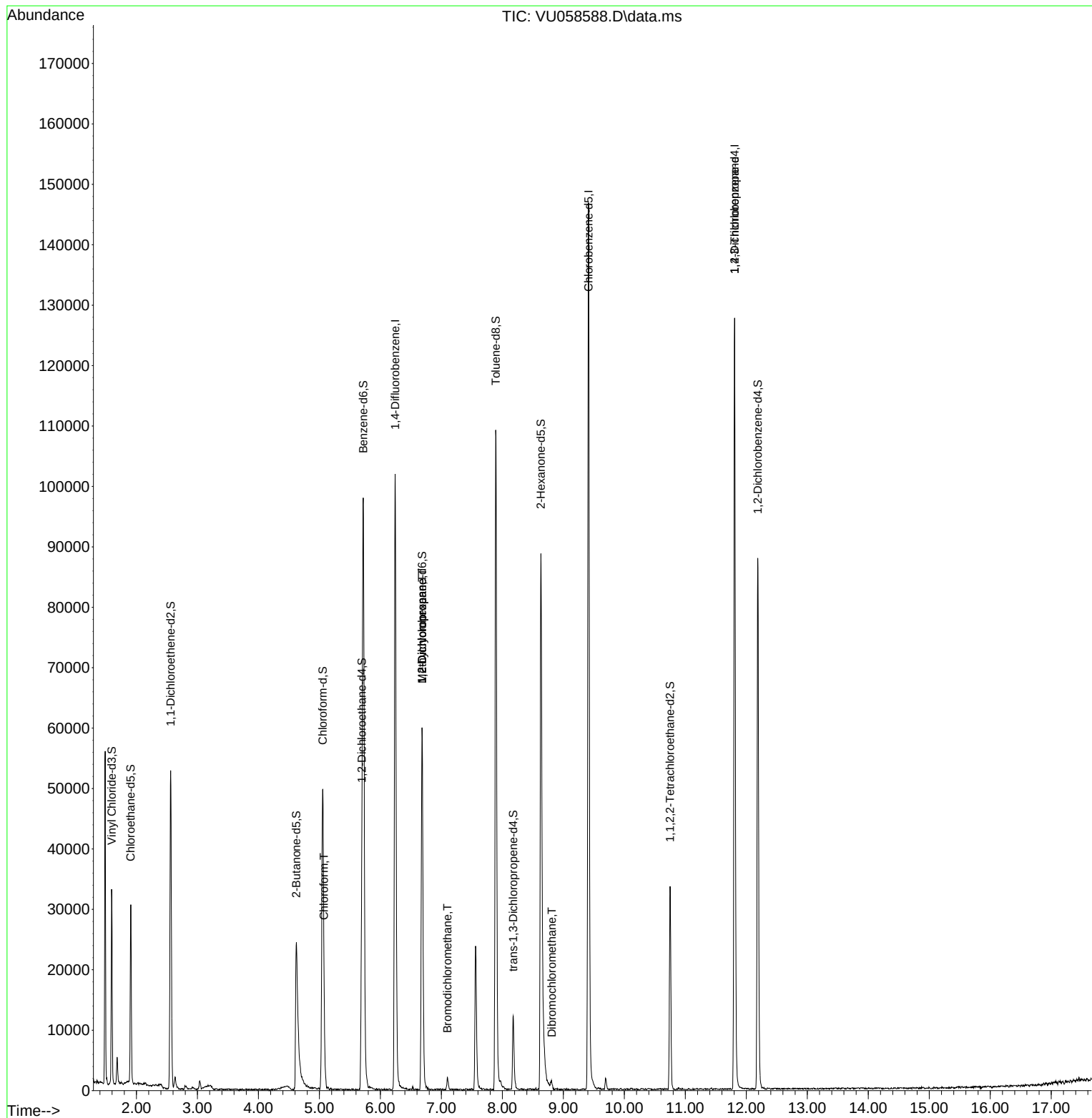
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	77092	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	78985	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33407	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	21810	4.273	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.904	69	20247	4.565	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.560	65	10448	4.523	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	4.621	46	45436	42.242	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.480%
24) Chloroform-d	5.055	84	45598	4.475	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.695	65	22222	4.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.718	84	89813	4.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.682	67	28996	4.348	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.891	98	74149	3.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	8.177	79	7604	3.673	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.400%
46) 2-Hexanone-d5	8.631	63	31298	36.657	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.320%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	17614	3.741	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	22890	4.068	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.400%
Target Compounds						
					Qvalue	
25) Chloroform	5.075	83	2381	0.197	ug/L	97
35) Methylcyclohexane	6.682	83	6080	0.559	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3368	0.447	ug/L #	90
38) Bromodichloromethane	7.100	83	1625	0.189	ug/L #	88
49) Dibromochloromethane	8.808	129	705	0.139	ug/L	78
61) 1,2,3-Trichloropropane	11.807	75	4486	1.316	ug/L #	71

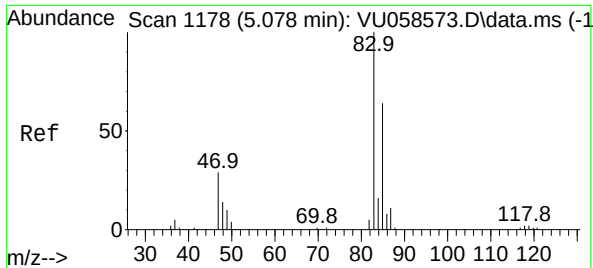
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 11 02:34:51 2024
Response via : Initial Calibration

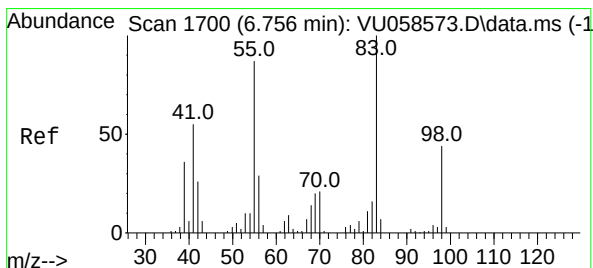
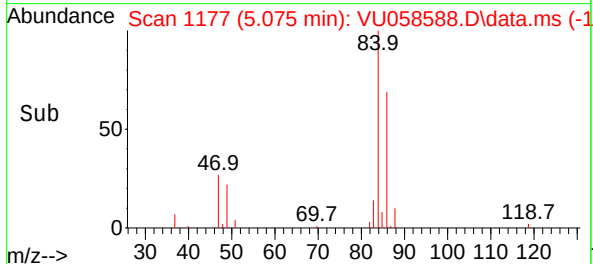
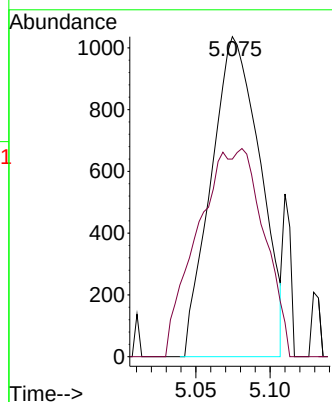
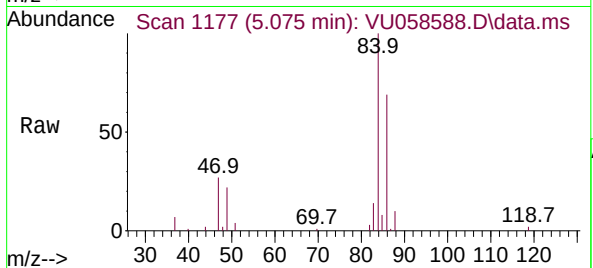




#25
Chloroform
Concen: 0.197 ug/L
RT: 5.075 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VU058588.D
Acq: 11 Apr 2024 04:35

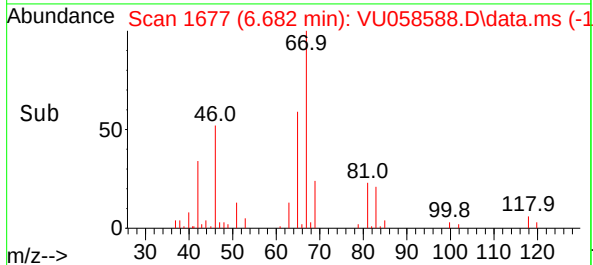
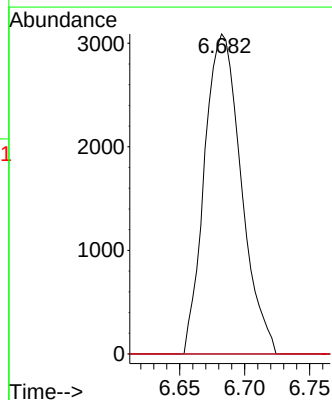
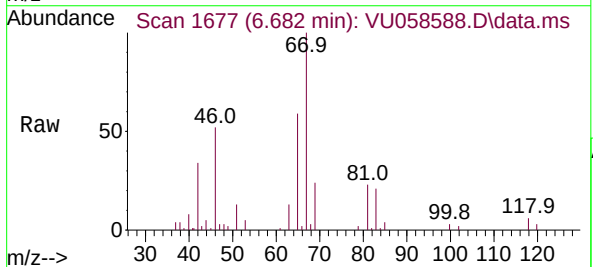
Instrument :
MSVOA_U
ClientSampleId :

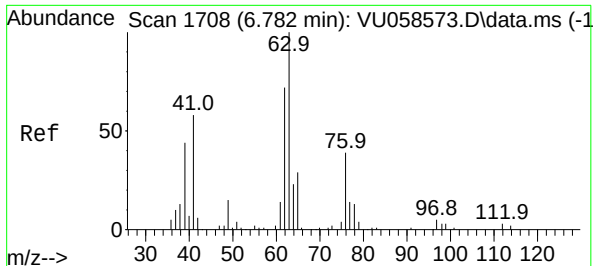
Tgt Ion: 83 Resp: 2381
Ion Ratio Lower Upper
83 100
85 61.8 44.7 83.1



#35
Methylcyclohexane
Concen: 0.559 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058588.D
Acq: 11 Apr 2024 04:35

Tgt Ion: 83 Resp: 6080
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.0 34.6 52.0#

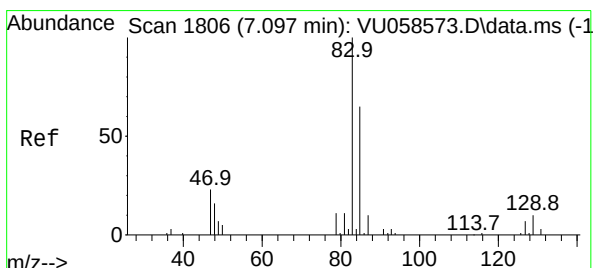
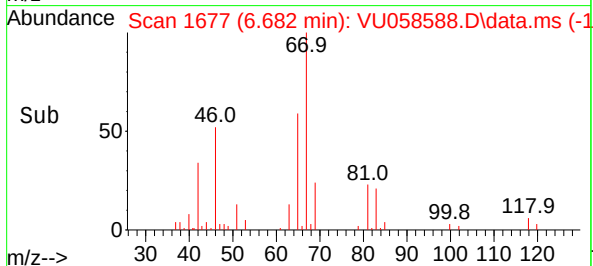
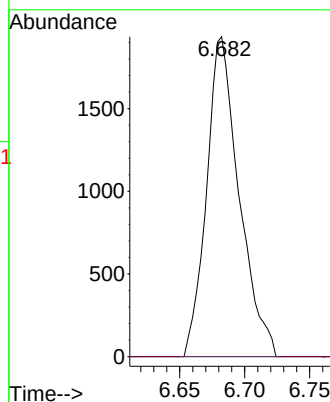
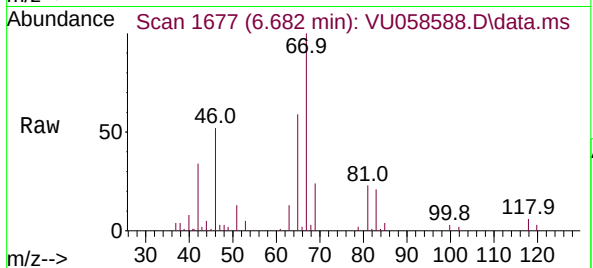




#37
1,2-Dichloropropane
Concen: 0.447 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058588.D
Acq: 11 Apr 2024 04:35

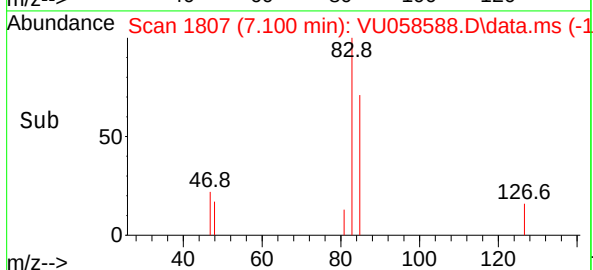
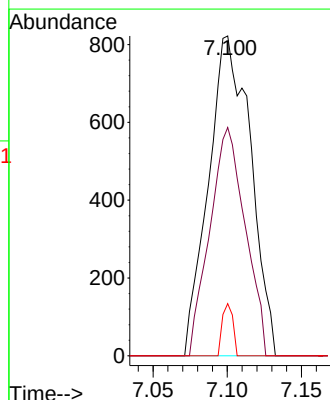
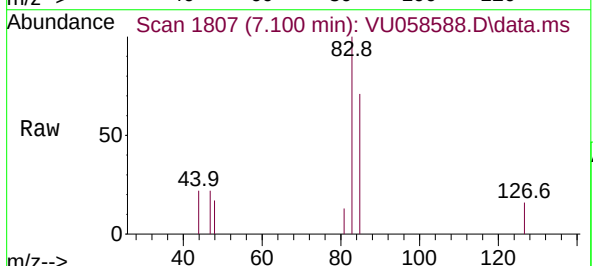
Instrument :
MSVOA_U
ClientSampleId :

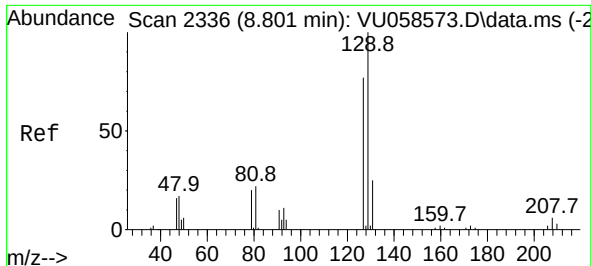
Tgt Ion: 63 Resp: 3368
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#38
Bromodichloromethane
Concen: 0.189 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU058588.D
Acq: 11 Apr 2024 04:35

Tgt Ion: 83 Resp: 1625
Ion Ratio Lower Upper
83 100
85 71.4 44.2 82.2
127 16.3 6.5 9.7#





#49

Dibromochloromethane

Concen: 0.139 ug/L

RT: 8.808 min Scan# 2338

Delta R.T. 0.006 min

Lab File: VU058588.D

Acq: 11 Apr 2024 04:35

Instrument :

MSVOA_U

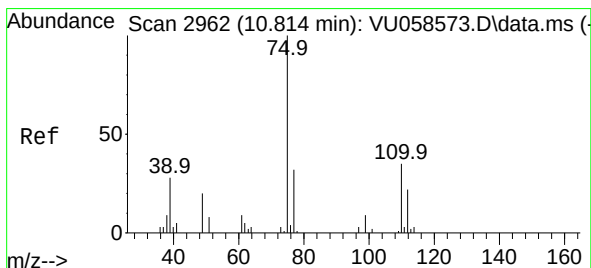
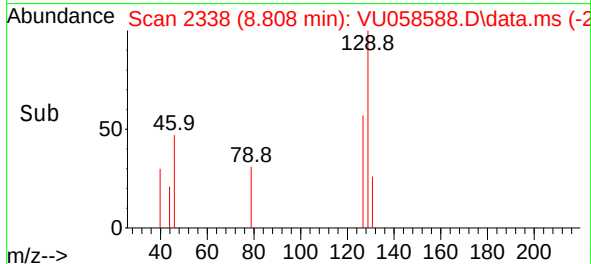
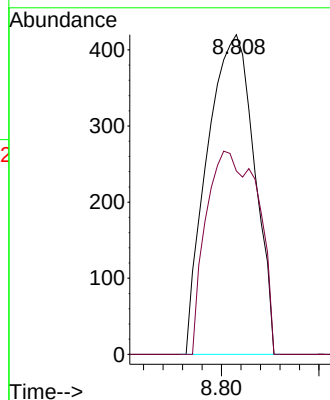
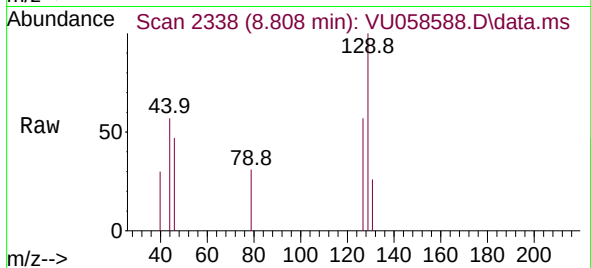
ClientSampleId :

Tgt Ion:129 Resp: 705

Ion Ratio Lower Upper

129 100

127 57.4 53.5 99.5



#61

1,2,3-Trichloropropane

Concen: 1.316 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.994 min

Lab File: VU058588.D

Acq: 11 Apr 2024 04:35

Tgt Ion: 75 Resp: 4486

Ion Ratio Lower Upper

75 100

110 0.0 25.8 38.6#

77 31.7 25.1 37.7

