

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121324\
 Data File : VU062303.D
 Acq On : 13 Dec 2024 11:19
 Operator : MD/SY
 Sample : P5228-07DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 14 03:47:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 14 03:45:56 2024
 Response via : Initial Calibration

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

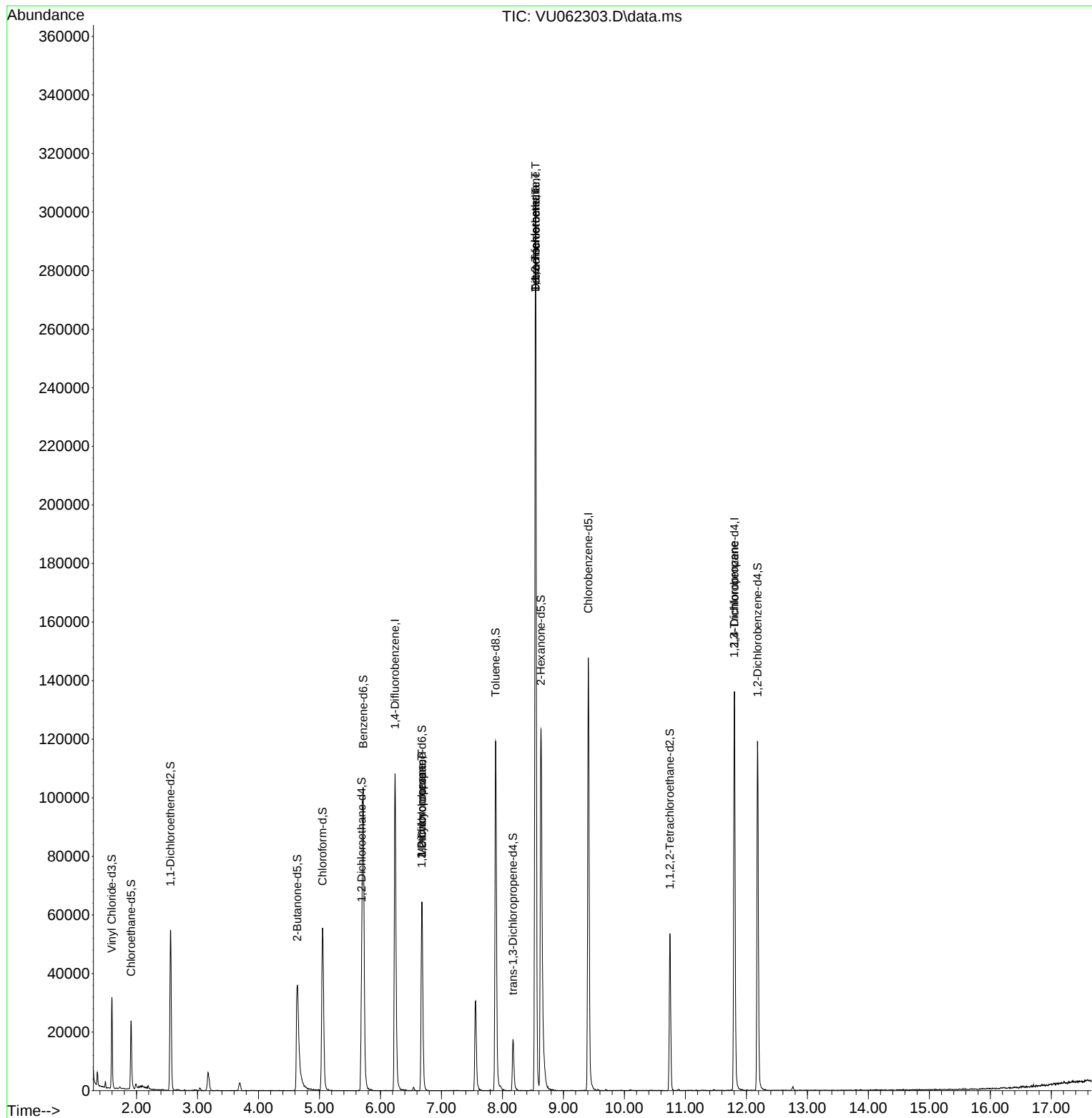
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	90947	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	87036	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40567	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	20386	3.323	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.400%
7) Chloroethane-d5	1.911	69	18061	4.139	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.557	65	10499	3.598	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	4.634	46	61648	52.437	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.880%
24) Chloroform-d	5.049	84	55594	4.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	5.692	65	30857	4.726	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.717	84	98803	3.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.679	67	31132	4.340	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.888	98	85995	3.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.600%
43) trans-1,3-Dichloroprop...	8.174	79	12368	3.918	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.631	63	48993	51.438	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.880%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26771	4.797	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.183	152	34273	4.585	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						Qvalue
35) Methylcyclohexane	6.679	83	7932	0.700	ug/L #	19
37) 1,2-Dichloropropane	6.676	63	3941	0.600	ug/L #	87
45) 1,1,2-Trichloroethane	8.540	97	709	0.143	ug/L #	21
47) Tetrachloroethene	8.544	164	67860	11.503	ug/L	97
49) Dibromochloromethane	8.544	129	67509	11.268	ug/L #	13
61) 1,2,3-Trichloropropane	11.801	75	4175	1.113	ug/L #	63

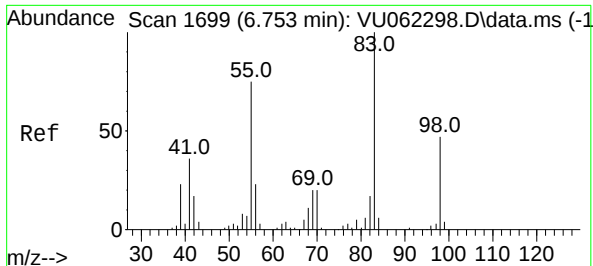
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 14 03:45:56 2024
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#35

Methylcyclohexane

Concen: 0.700 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU062303.D

Acq: 13 Dec 2024 11:19

Instrument :

MSVOA_U

ClientSampleId :

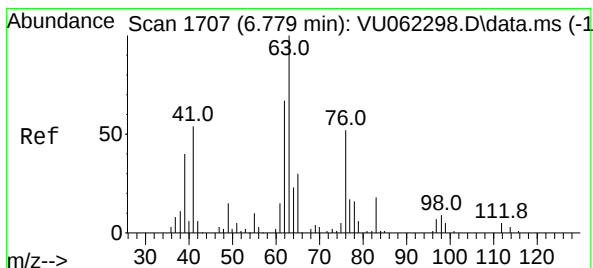
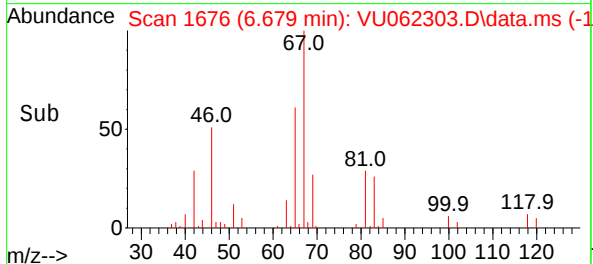
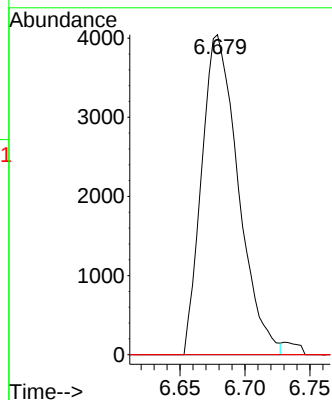
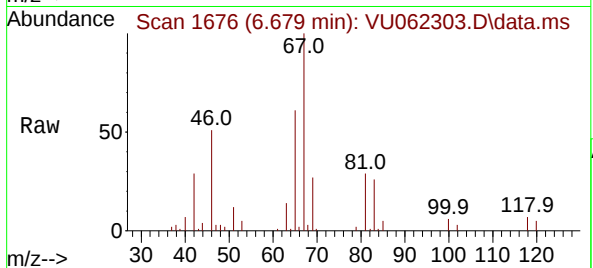
Tgt Ion: 83 Resp: 7932

Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.0 34.8 52.2#



#37

1,2-Dichloropropane

Concen: 0.600 ug/L

RT: 6.676 min Scan# 1675

Delta R.T. -0.103 min

Lab File: VU062303.D

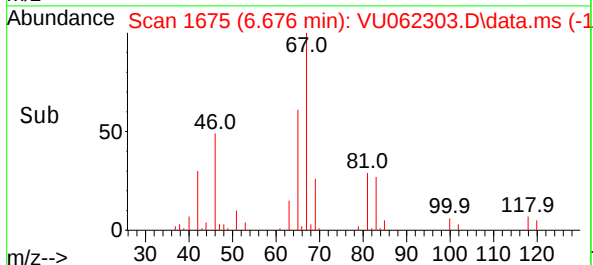
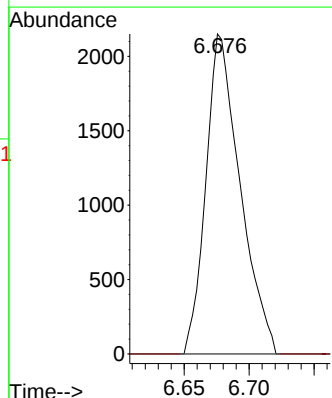
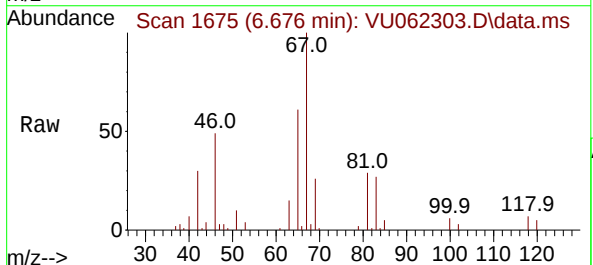
Acq: 13 Dec 2024 11:19

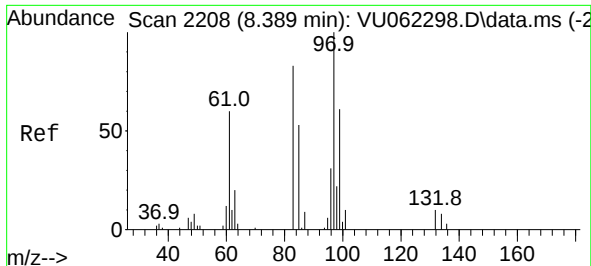
Tgt Ion: 63 Resp: 3941

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



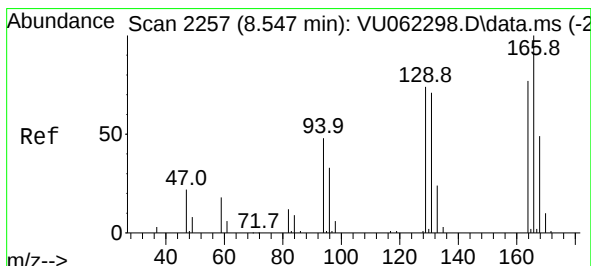
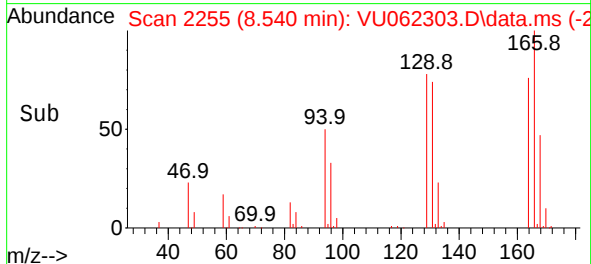
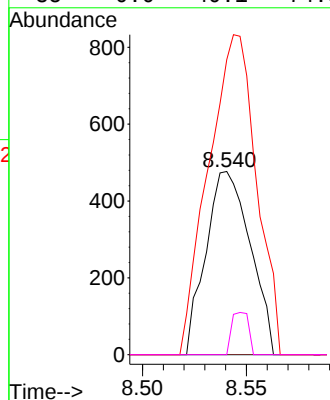
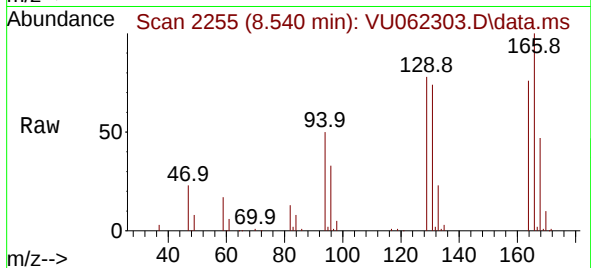


#45
1,1,2-Trichloroethane
Concen: 0.143 ug/L
RT: 8.540 min Scan# 2208
Delta R.T. 0.151 min
Lab File: VU062303.D
Acq: 13 Dec 2024 11:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 709

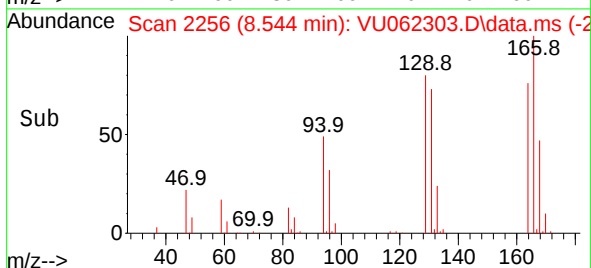
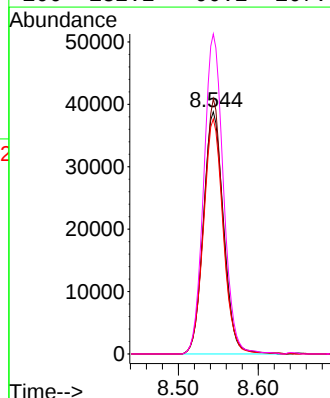
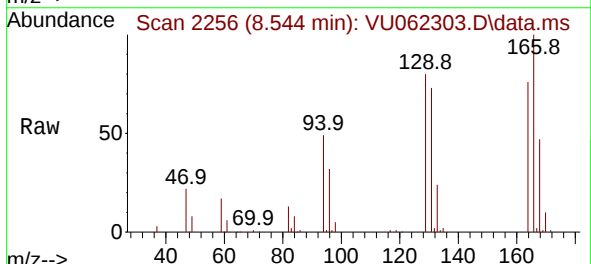
Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.0	79.8#
83	161.0	61.7	114.5#
85	0.0	40.1	74.5#

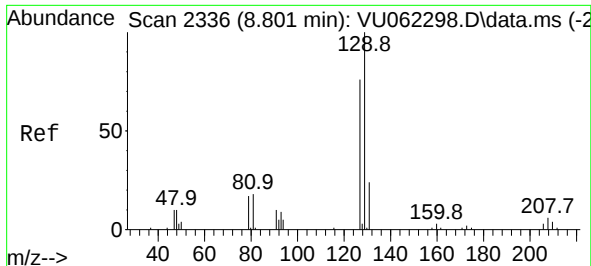


#47
Tetrachloroethene
Concen: 11.503 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU062303.D
Acq: 13 Dec 2024 11:19

Tgt Ion:164 Resp: 67860

Ion	Ratio	Lower	Upper
164	100		
129	105.4	73.2	136.0
131	97.1	72.3	134.3
166	132.2	90.2	167.4





#49

Dibromochloromethane

Concen: 11.268 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU062303.D

Acq: 13 Dec 2024 11:19

Instrument :

MSVOA_U

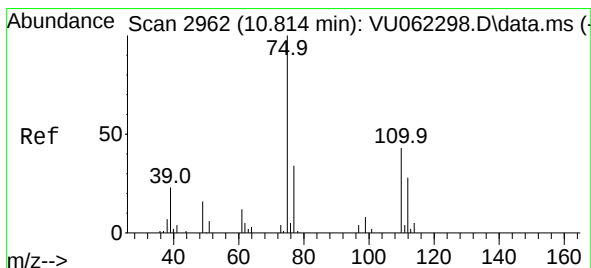
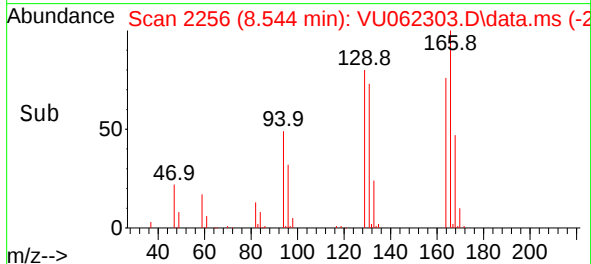
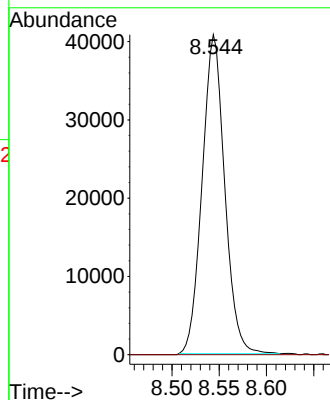
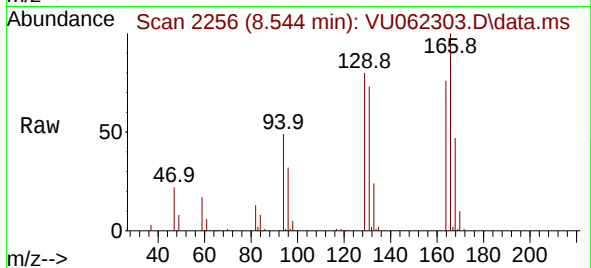
ClientSampleId :

Tgt Ion:129 Resp: 67509

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#61

1,2,3-Trichloropropane

Concen: 1.113 ug/L

RT: 11.801 min Scan# 3269

Delta R.T. 0.987 min

Lab File: VU062303.D

Acq: 13 Dec 2024 11:19

Tgt Ion: 75 Resp: 4175

Ion Ratio Lower Upper

75 100

110 0.0 28.9 43.3#

77 38.9 26.5 39.7

