

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV043019\
 Data File : VV010570.D
 Acq On : 30 Apr 2019 01:16
 Operator : SY/MD
 Sample : K2590-14
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0XC0

Quant Time: Apr 30 07:54:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 30 06:45:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	211351	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	209290	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	96766	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47384	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.57	69	32042	5.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.40%
11) 1,1-Dichloroethene-d2	2.13	63	64332	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	3.94	46	124833	47.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.16%
24) Chloroform-d	4.40	84	130255	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.08	65	67194	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.10	84	260700	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.12	67	76539	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.36	98	245170	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	7.66	79	26299	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.13	63	113783	47.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.78%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	54841	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	107352	5.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.20%

Target Compounds

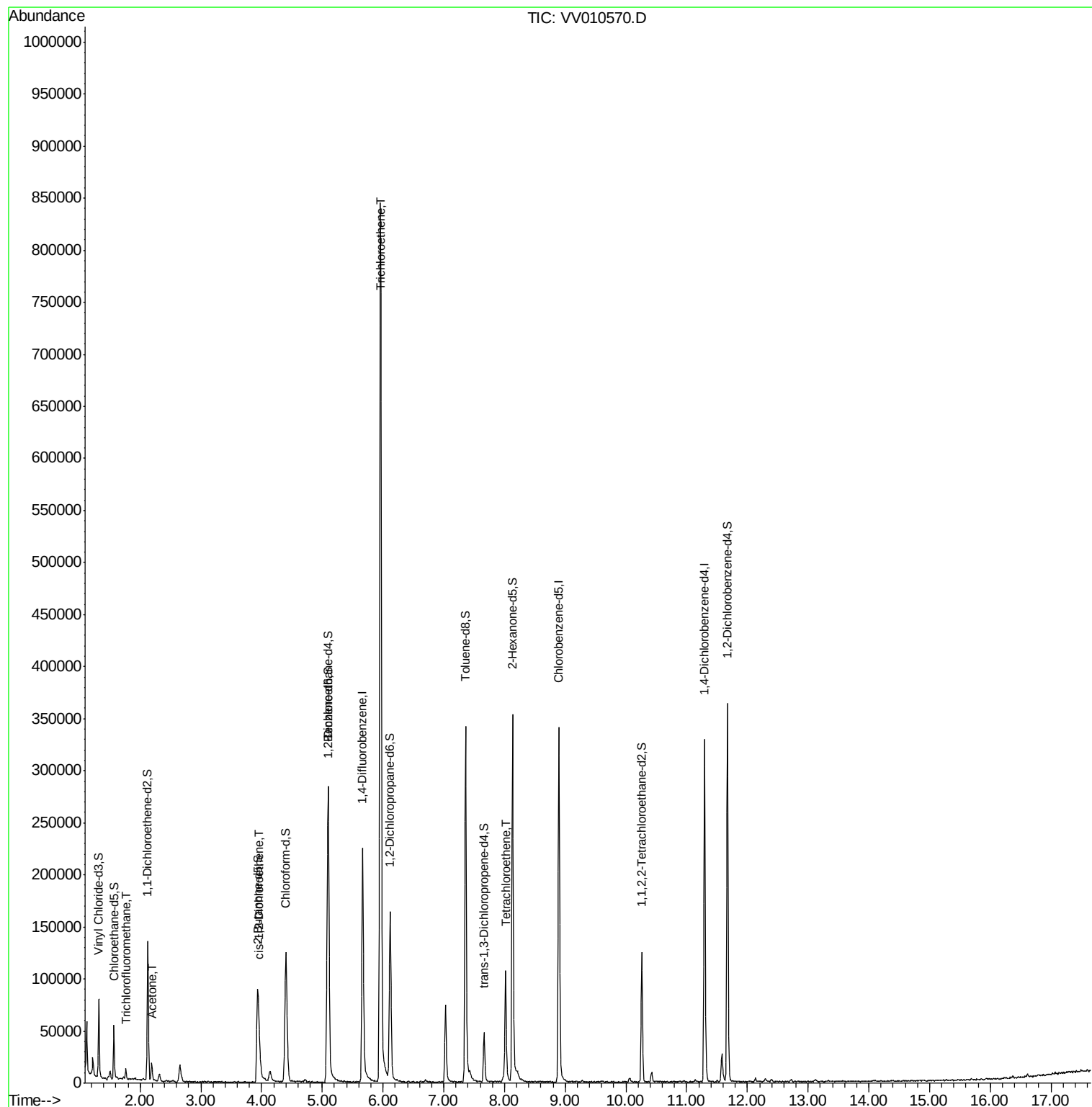
					Ovalue
9) Trichlorofluoromethane	1.77	101	5010	0.217 ug/L	95
13) Acetone	2.19	43	14509	10.985 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	12755	0.810 ug/L	95
34) Trichloroethene	5.96	95	297070	18.850 ug/L	98
47) Tetrachloroethene	8.02	164	26843	1.823 ug/L	95

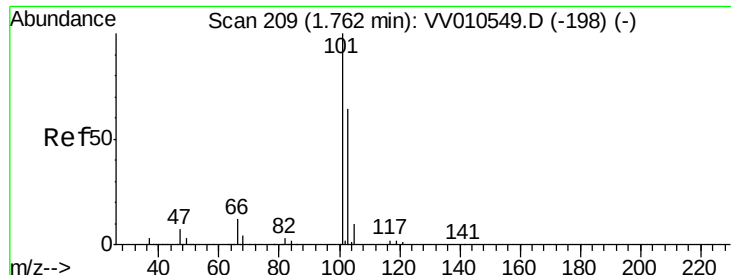
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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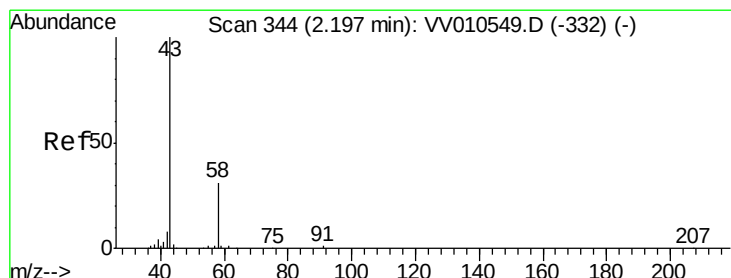
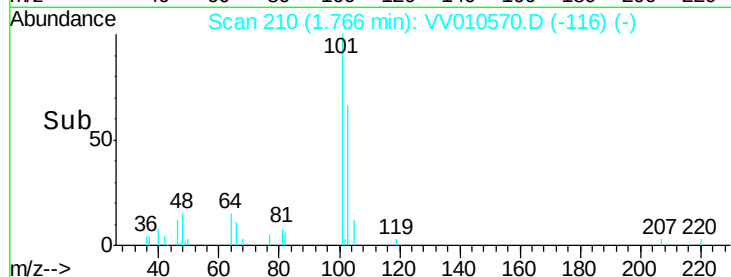
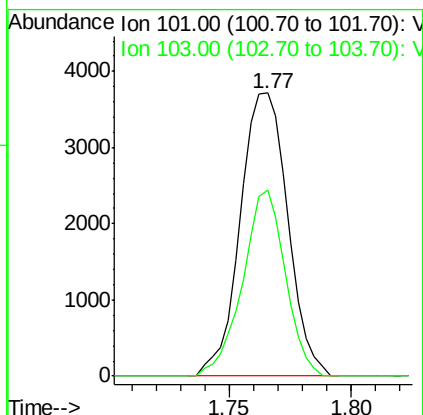
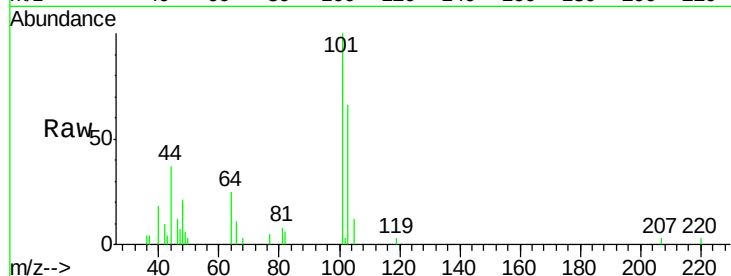


#9

Trichlorofluoromethane
 Concen: 0.217 ug/L
 RT: 1.77 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: VV010570.D
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 C0XC0

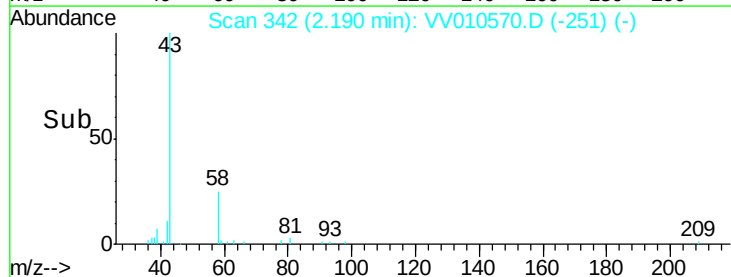
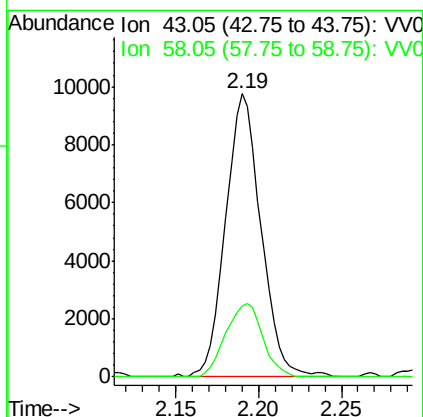
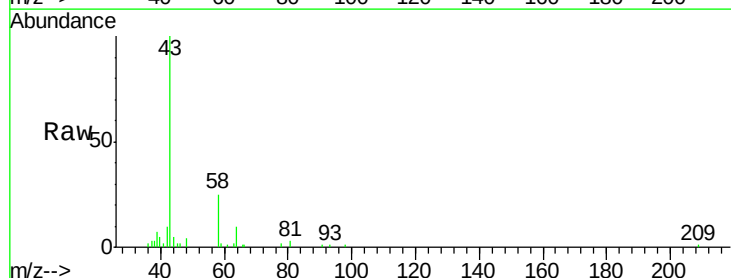
Tot Ion:101 Resp: 5010
 Ion Ratio Lower Upper
 101 100
 103 58.8 50.5 75.7

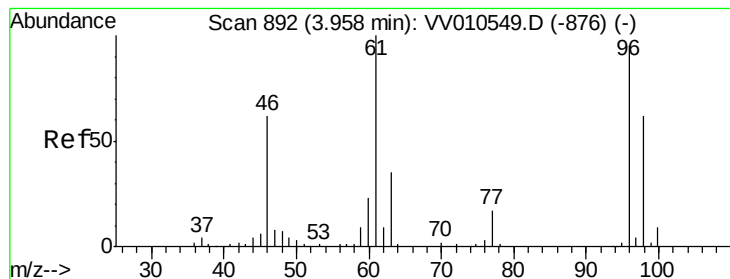


#13

Acetone
 Concen: 10.985 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. -0.01 min
 Lab File: VV010570.D
 Acq: 30 Apr 2019 01:16

Tgt Ion: 43 Resp: 14509
 Ion Ratio Lower Upper
 43 100
 58 26.9 0.0 57.4



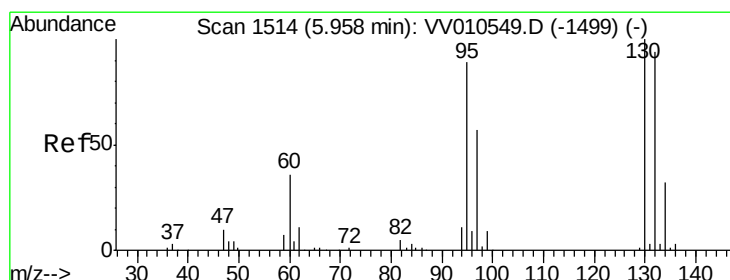
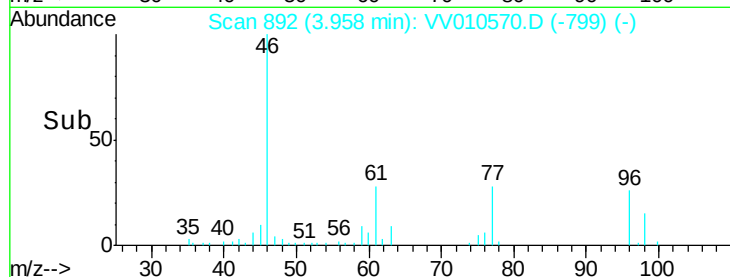
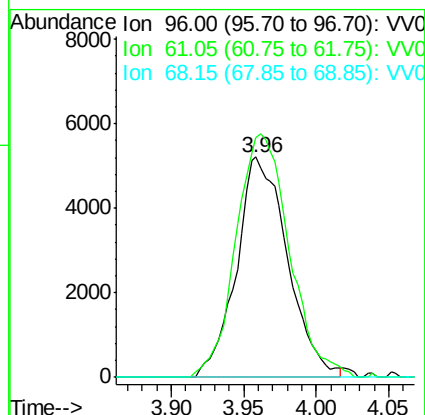
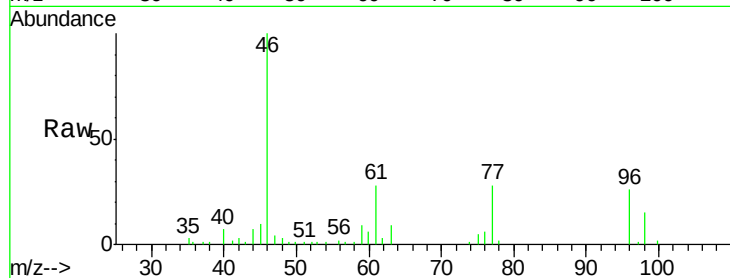


#22

cis-1,2-Dichloroethene
 Concen: 0.810 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: VV010570.D
 Acq: 30 Apr 2019 01:16

Instrument :
 MSVOA_V
 ClientSampleId :
 C0XC0

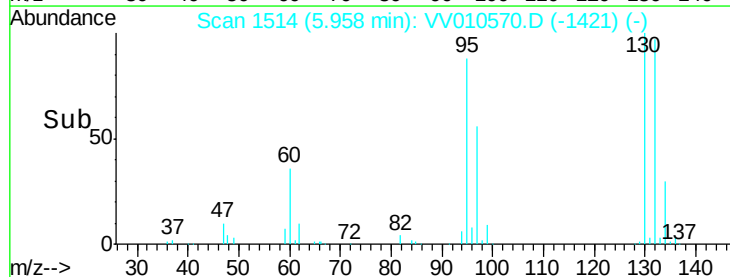
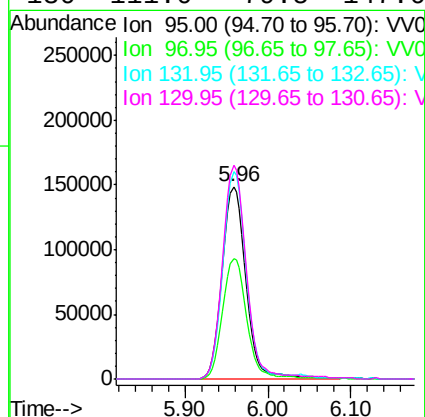
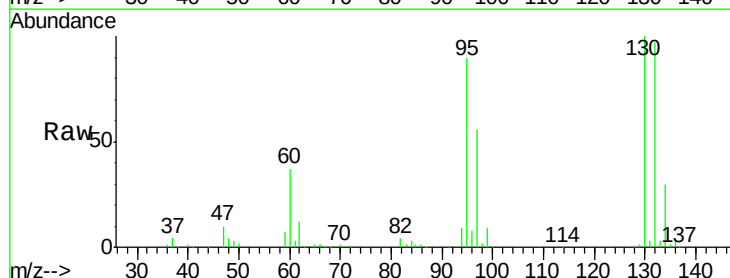
Tot Ion: 96 Resp: 12755
 Ion Ratio Lower Upper
 96 100
 61 109.1 79.9 148.3
 68 0.0 0.0 0.0

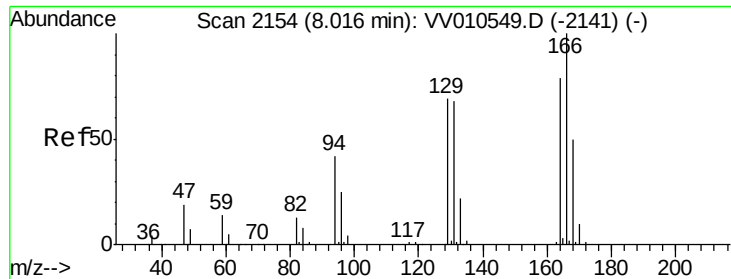


#34

Trichloroethene
 Concen: 18.850 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: VV010570.D
 Acq: 30 Apr 2019 01:16

Tgt Ion: 95 Resp: 297070
 Ion Ratio Lower Upper
 95 100
 97 62.7 43.3 80.5
 132 107.6 74.1 137.5
 130 111.0 79.5 147.6





#47

Tetrachloroethene

Concen: 1.823 ug/L

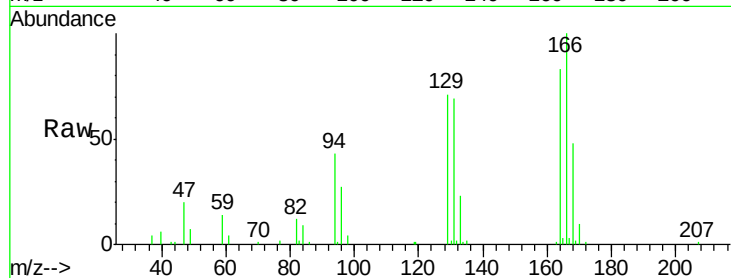
RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV010570.D

Acq: 30 Apr 2019 01:16

Instrument :
MSVOA_V
ClientSampleId :
C0XC0



Tot Ion:164 Resp: 26843

Ion Ratio Lower Upper

164 100

129 86.0 62.2 115.4

131 83.1 61.5 114.1

166 120.4 89.1 165.5

Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

