

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV063020\
 Data File : VV017272.D
 Acq On : 30 Jun 2020 19:58
 Operator : SY/MD
 Sample : L3168-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ6

Quant Time: Jul 01 07:21:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 01 06:00:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	169600	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	165154	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	78976	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46661	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.58	69	38644	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.13	63	70484	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	3.92	46	128005	49.34	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.68%
24) Chloroform-d	4.38	84	109670	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.06	65	59731	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.08	84	197360	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.10	67	58566	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.34	98	170625	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
45) trans-1,3-Dichloropropene-	7.65	79	24330	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
48) 2-Hexanone-d5	8.11	63	108566	53.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.66%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	42481	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	74015	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

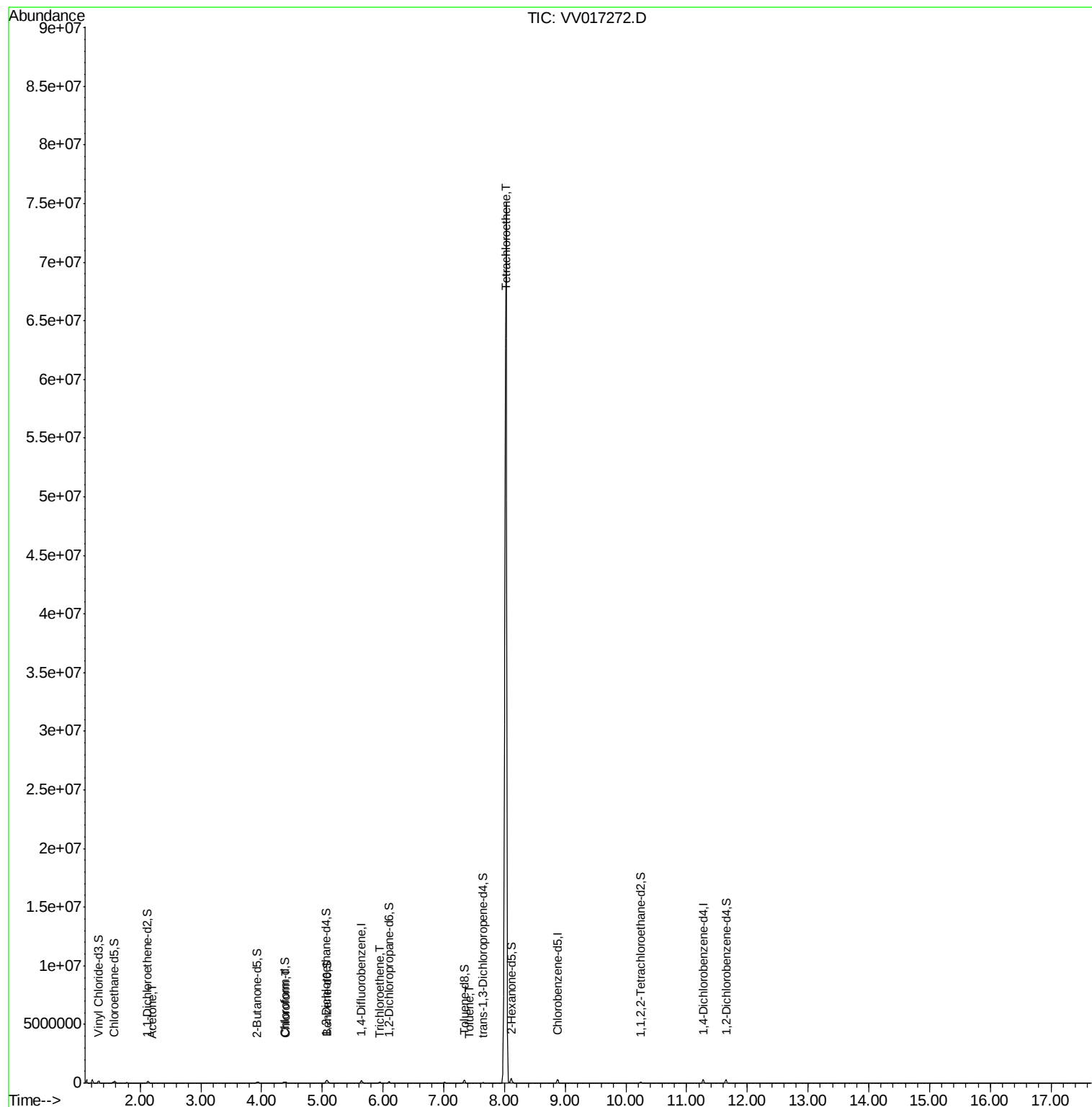
					Ovalue
13) Acetone	2.20	43	6433	4.905 ug/L	86
25) Chloroform	4.41	83	14031	0.663 ug/L	96
34) Trichloroethene	5.94	95	27192	2.147 ug/L	98
42) Toluene	7.41	91	4637	0.092 ug/L	98
49) Tetrachloroethene	8.03	164	19177628	1881.324 ug/L	85

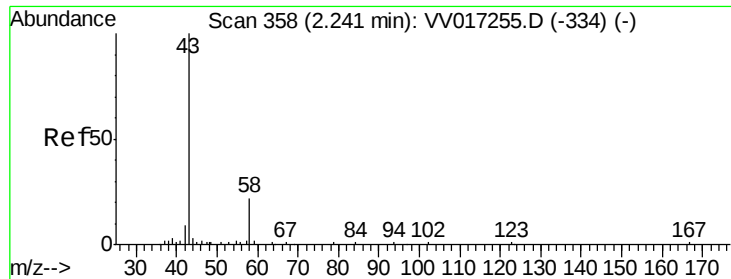
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.905 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.04 min

Lab File: VV017272.D

Acq: 30 Jun 2020 19:58

Instrument :

MSVOA_V

ClientSampled :

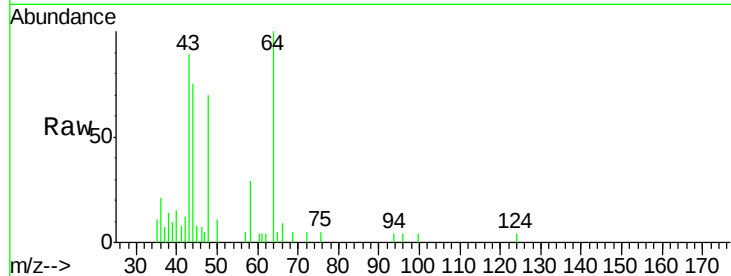
C0AJ6

Tot Ion: 43 Resp: 6433

Ion Ratio Lower Upper

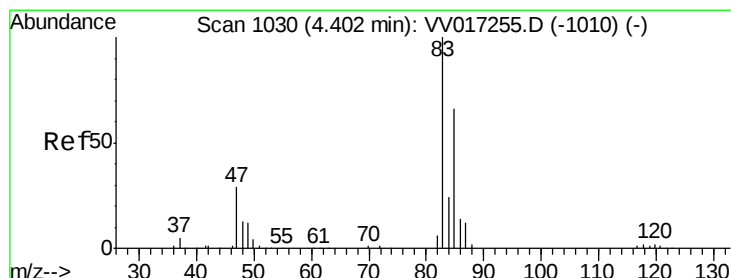
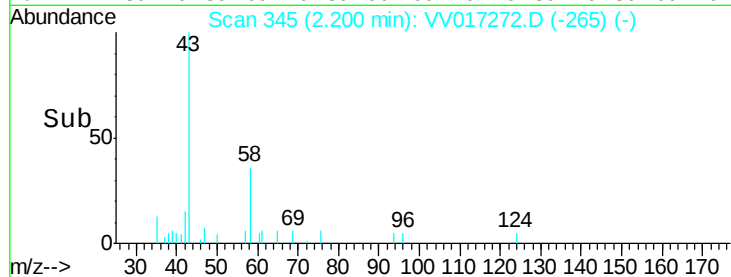
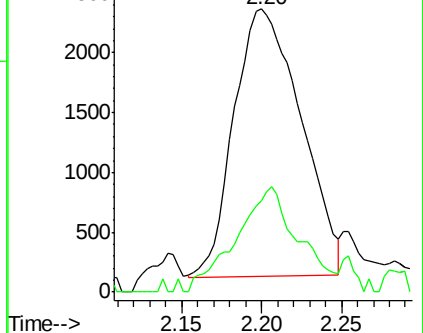
43 100

58 36.8 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#25

Chloroform

Concen: 0.663 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV017272.D

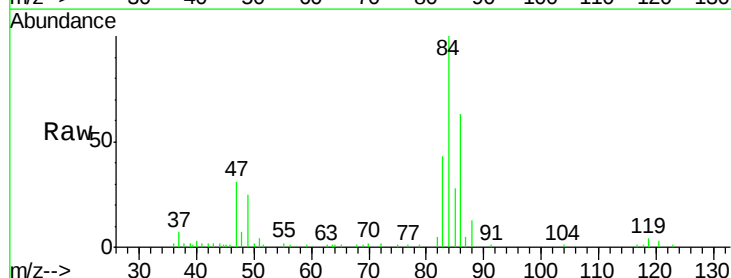
Acq: 30 Jun 2020 19:58

Tgt Ion: 83 Resp: 14031

Ion Ratio Lower Upper

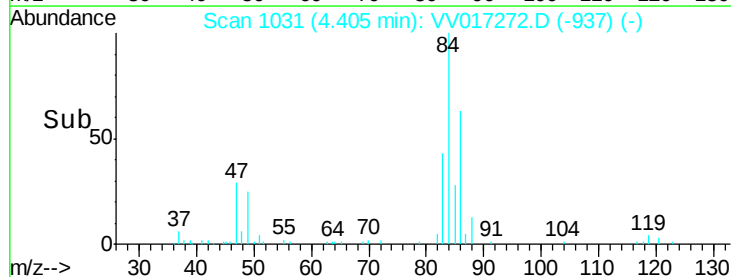
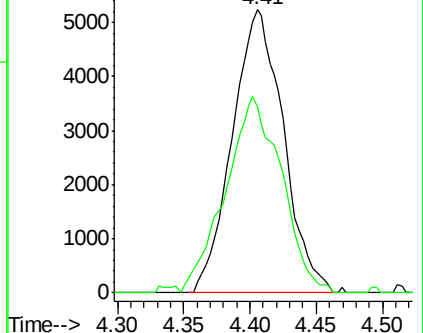
83 100

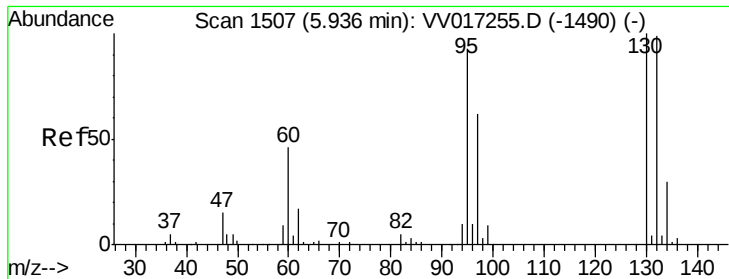
85 65.9 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 2.147 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017272.D

Acq: 30 Jun 2020 19:58

Instrument :

MSVOA_V

ClientSampleId :

C0AJ6

Tot Ion: 95 Resp: 27192

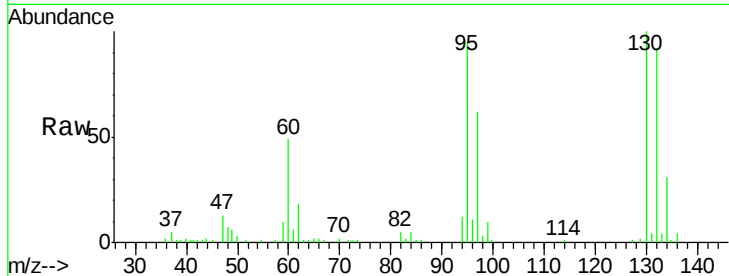
Ion Ratio Lower Upper

95 100

97 64.8 45.3 84.1

132 96.6 68.8 127.8

130 104.9 70.2 130.4

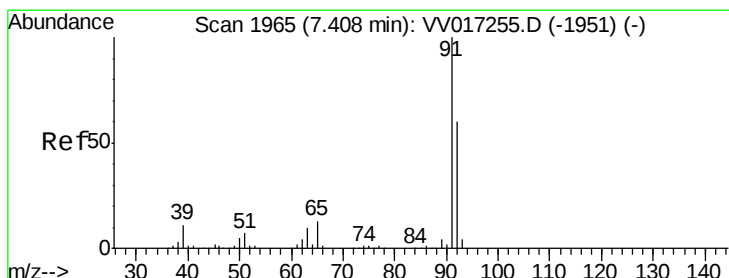
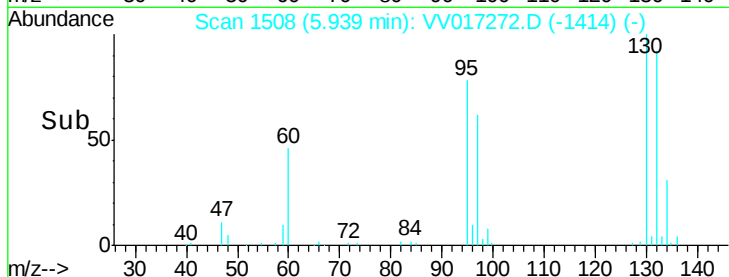
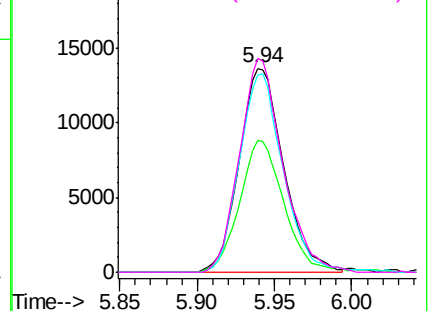


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#42

Toluene

Concen: 0.092 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV017272.D

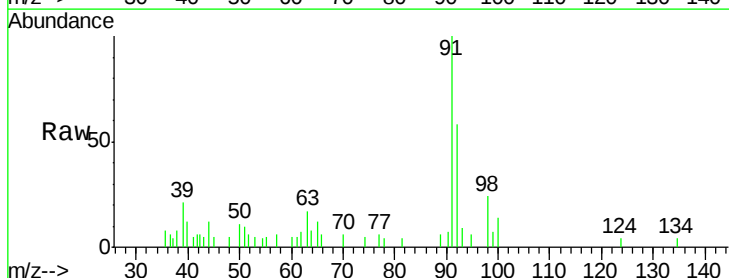
Acq: 30 Jun 2020 19:58

Tgt Ion: 91 Resp: 4637

Ion Ratio Lower Upper

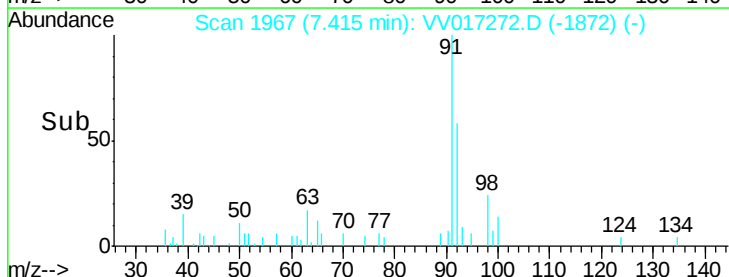
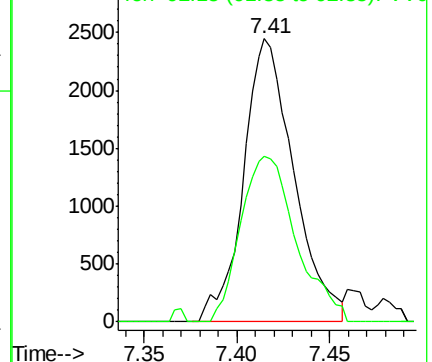
91 100

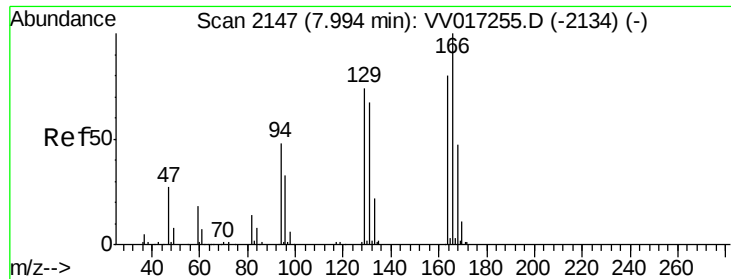
92 58.4 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#49

Tetrachloroethene

Concen: 1881.324 ug/L

RT: 8.03 min Scan# 2157

Delta R.T. 0.03 min

Lab File: VV017272.D

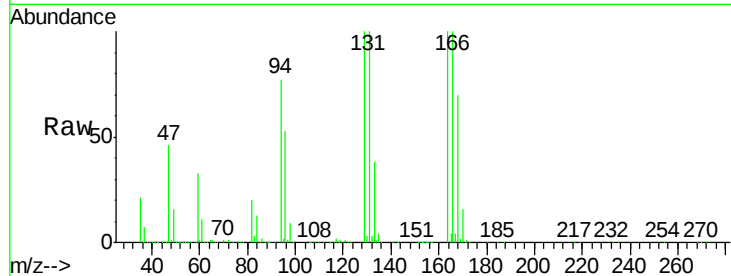
Acq: 30 Jun 2020 19:58

Instrument :

MSVOA_V

ClientSampleId :

C0AJ6



Tot Ion:164 Resp:19177628

Ion Ratio Lower Upper

164 100

129 100.0 65.2 121.0

131 100.0 64.1 119.1

166 100.0 90.2 167.4

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

