

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
 Data File : VV015737.D
 Acq On : 27 Apr 2020 18:20
 Operator : SY/MD
 Sample : L2413-17DL 200X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKM6DL

Quant Time: Apr 28 06:50:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 28 02:16:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	130716	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	127849	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	59747	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	25754	3.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.40%
7) Chloroethane-d5	1.58	69	28542	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.12	63	44769	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	3.94	46	114631	52.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.52%
24) Chloroform-d	4.38	84	70446	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.06	65	44452	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.07	84	139064	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.10	67	46488	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.34	98	123576	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	7.65	79	13903	3.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.80%
46) 2-Hexanone-d5	8.11	63	82409	44.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.64%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	33958	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	49900	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

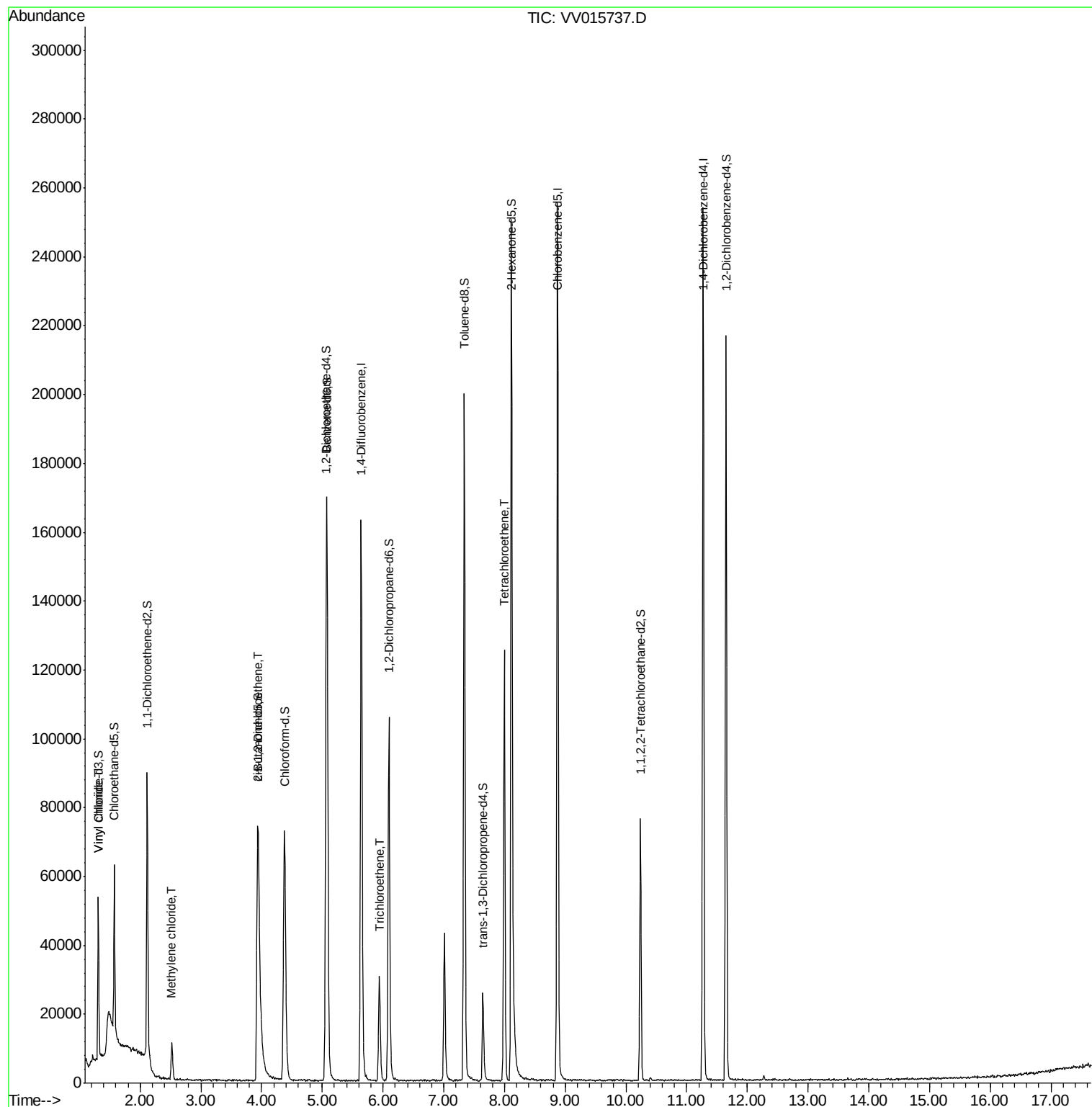
					Ovalue
5) Vinyl chloride	1.32	62	2103	0.203 ug/L #	10
16) Methylene chloride	2.52	84	4018	0.428 ug/L	96
22) cis-1,2-Dichloroethene	3.94	96	15041	1.597 ug/L	99
34) Trichloroethene	5.94	95	10168	1.008 ug/L	98
47) Tetrachloroethene	8.00	164	24706	3.402 ug/L	94

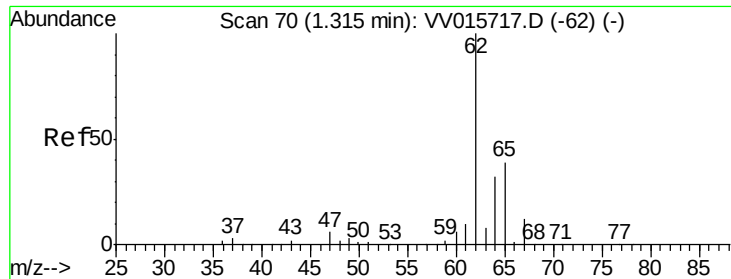
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.203 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

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MSVOA_V

ClientSampleID :

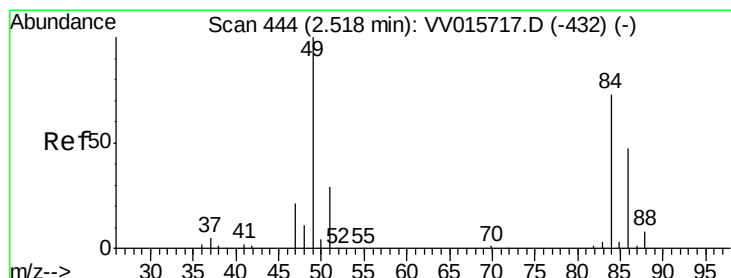
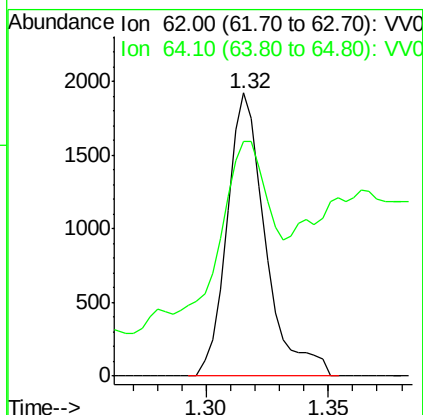
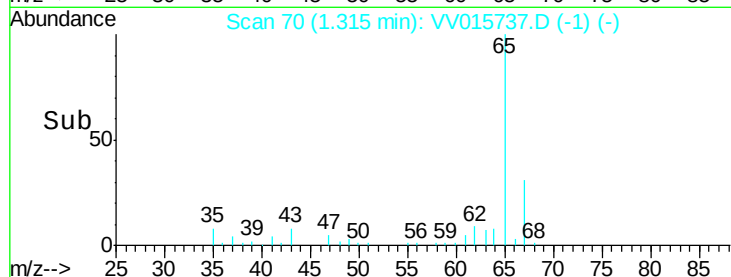
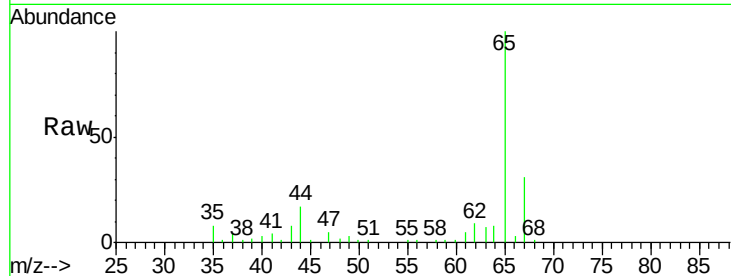
ETKM6DL

Tot Ion: 62 Resp: 2103

Ion Ratio Lower Upper

62 100

64 83.1 22.7 42.1#



#16

Methylene chloride

Concen: 0.428 ug/L

RT: 2.52 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV015737.D

Acq: 27 Apr 2020 18:20

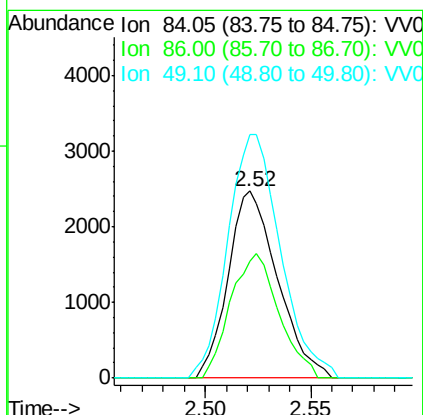
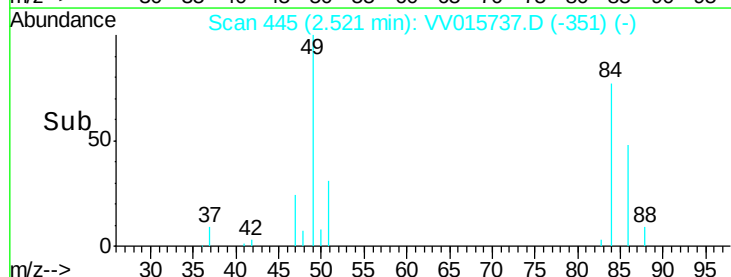
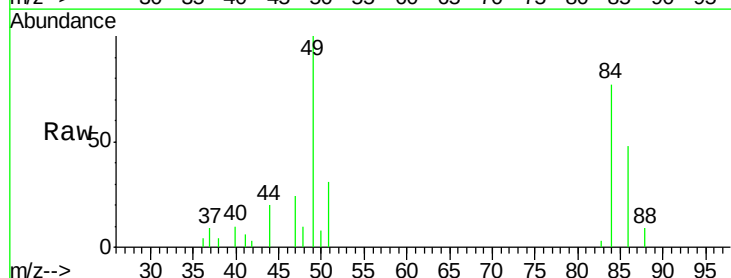
Tgt Ion: 84 Resp: 4018

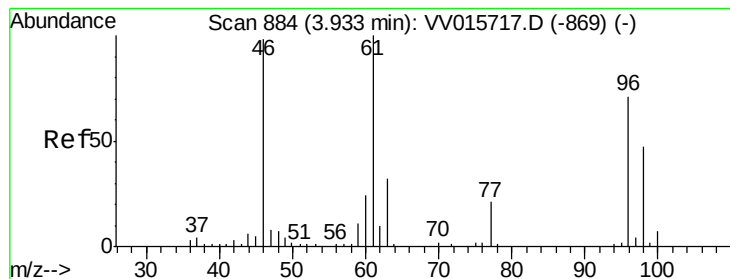
Ion Ratio Lower Upper

84 100

86 62.5 45.1 83.7

49 130.0 94.4 175.4



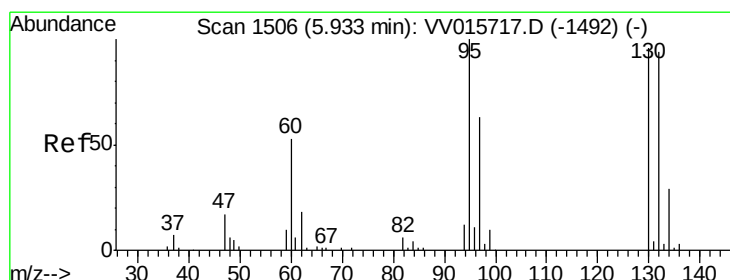
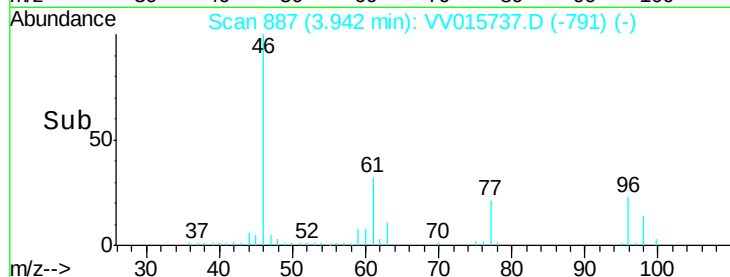
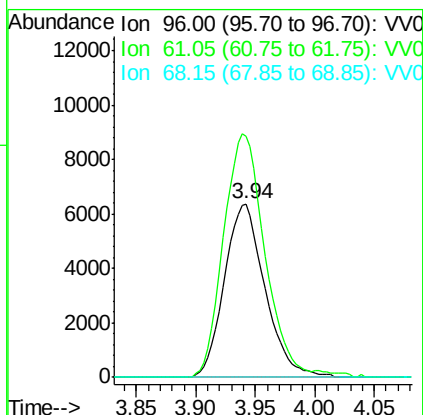
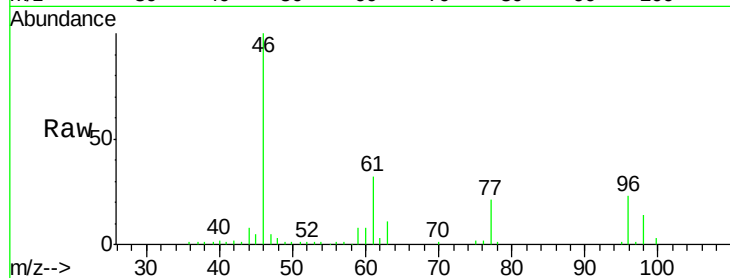


#22

cis-1,2-Dichloroethene
Concen: 1.597 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV015737.D
Acq: 27 Apr 2020 18:20

Instrument :
MSVOA_V
ClientSampleId :
ETKM6DL

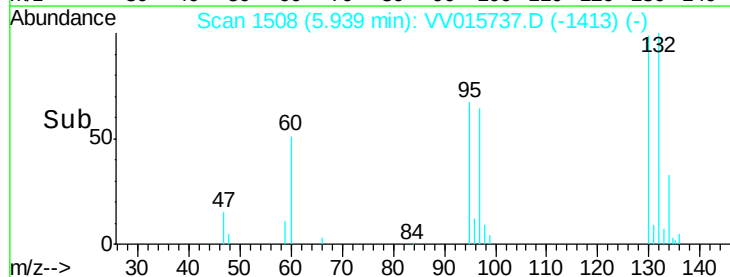
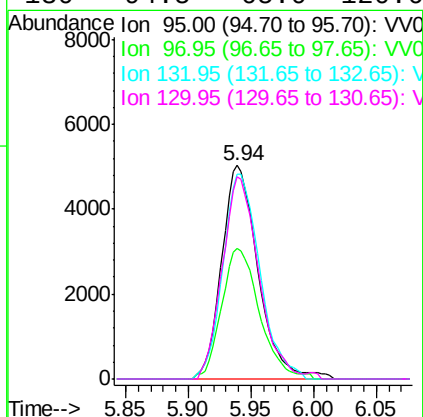
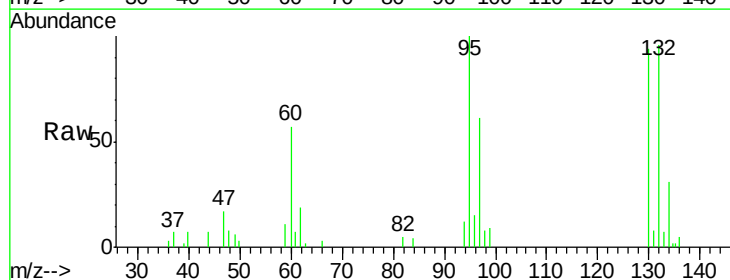
Tot Ion: 96 Resp: 15041
Ion Ratio Lower Upper
96 100
61 139.0 96.4 179.0
68 0.0 0.0 0.0

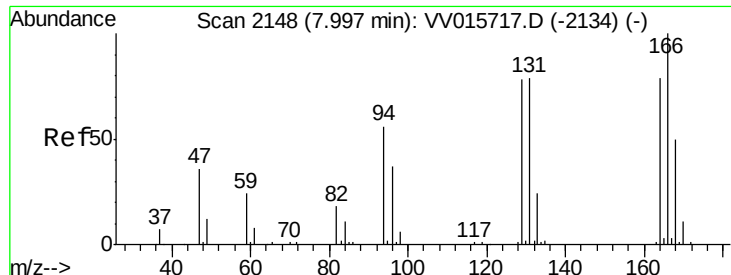


#34

Trichloroethene
Concen: 1.008 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.01 min
Lab File: VV015737.D
Acq: 27 Apr 2020 18:20

Tgt Ion: 95 Resp: 10168
Ion Ratio Lower Upper
95 100
97 61.4 44.7 82.9
132 95.6 65.2 121.0
130 94.5 65.0 120.6





#47

Tetrachloroethene

Concen: 3.402 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV015737.D

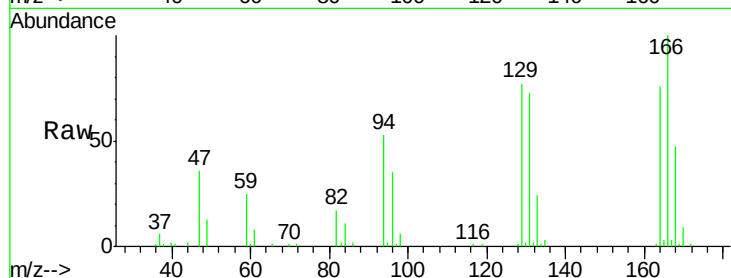
Acq: 27 Apr 2020 18:20

Instrument :

MSVOA_V

ClientSampleId :

ETKM6DL



Tot Ion:164 Resp: 24706

Ion Ratio Lower Upper

164 100

129 101.5 66.7 123.9

131 97.0 66.6 123.6

166 132.0 85.3 158.5

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

