

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061518\
 Data File : VU024596.D
 Acq On : 15 Jun 2018 16:15
 Operator : MD/SY
 Sample : J3511-07
 Misc : 4.33g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEBY4

Quant Time: Jun 16 01:43:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 16 00:38:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	352352	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	349048	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	187966	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	73549	36.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.94%
7) Chloroethane-d5	1.72	69	125	0.08	ug/L	0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.16%#
11) 1,1-Dichloroethene-d2	2.24	63	115299	28.61	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.22%#
21) 2-Butanone-d5	4.19	46	157902	92.76	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.76%
24) Chloroform-d	4.65	84	161407	39.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.44%
26) 1,2-Dichloroethane-d4	5.31	65	106554	41.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.62%
32) Benzene-d6	5.34	84	330746	38.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.84%
36) 1,2-Dichloropropane-d6	6.33	67	112422	39.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.74%
41) Toluene-d8	7.57	98	337679	39.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.74%#
43) trans-1,3-Dichloropropene-	7.86	79	58930	40.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.92%
47) 2-Hexanone-d5	8.33	63	135564	93.39	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.39%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	183339	44.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.66%
64) 1,2-Dichlorobenzene-d4	11.87	152	158712	43.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.52%

Target Compounds

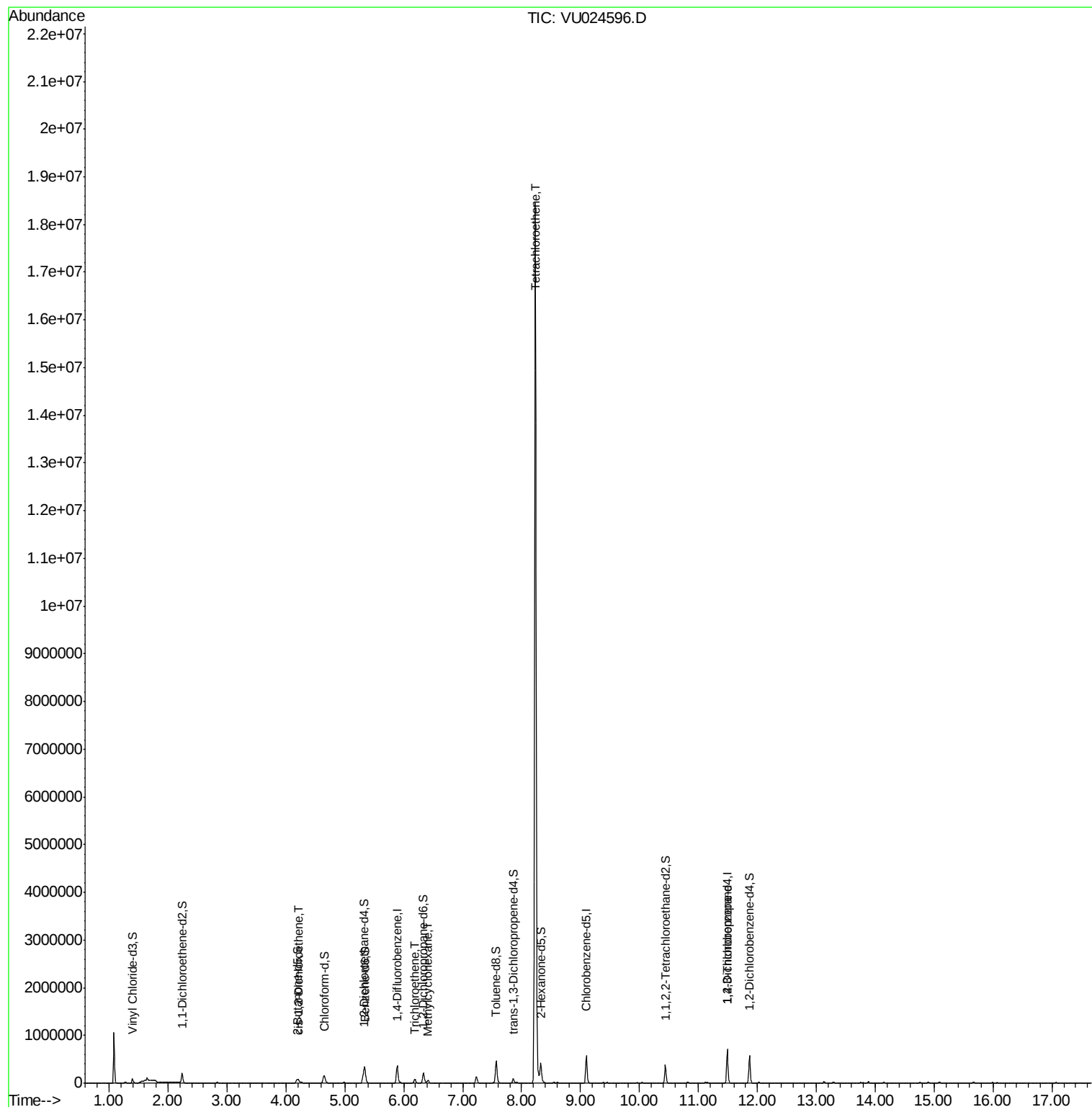
					Qvalue
20) cis-1,2-Dichloroethene	4.22	96	6128	2.224 ug/L	91
34) Trichloroethene	6.19	95	29127	10.275 ug/L	96
35) Methylcyclohexane	6.41	83	22699	4.981 ug/L	98
46) Tetrachloroethene	8.23	164	4295440	1800.090 ug/L	99
59) 1,2,3-Trichloropropane	11.49	75	22006	6.072 ug/L	89

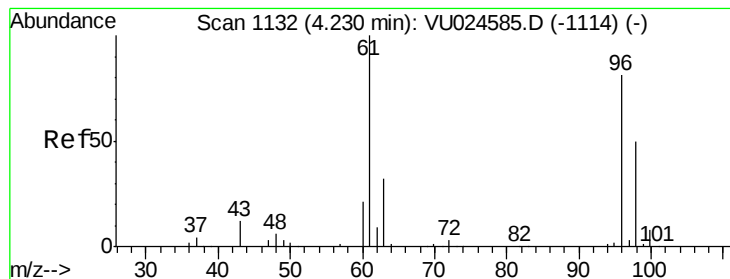
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 2.224 ug/L

RT: 4.22 min Scan# 1129

Delta R.T. -0.01 min

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Acq: 15 Jun 2018 16:15

Instrument :

MSVOA_U

ClientSampleId :

BEBY4

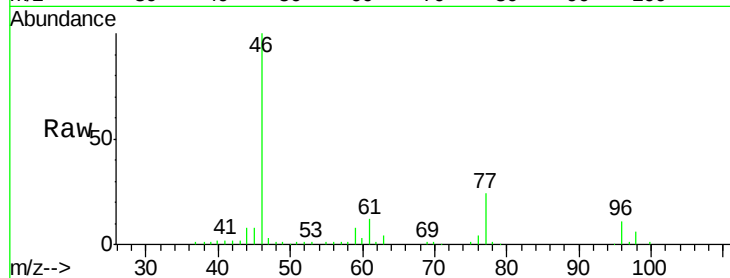
Tgt Ion: 96 Resp: 6128

Ion Ratio Lower Upper

96 100

61 113.8 87.1 161.7

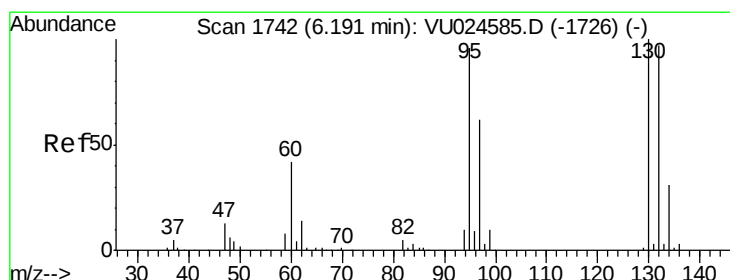
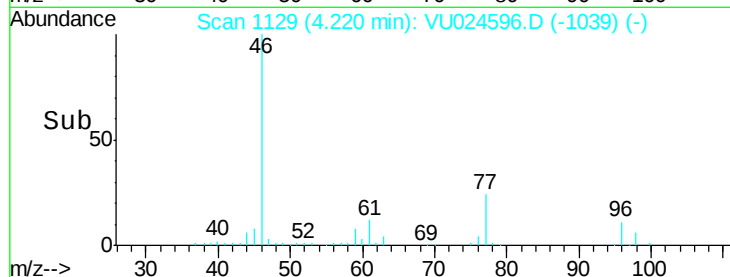
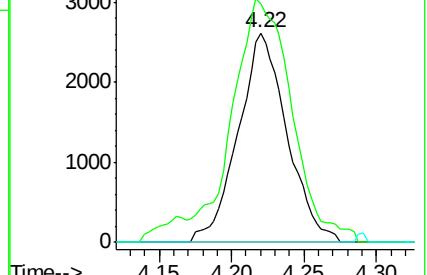
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU024585.D (-1114) (-)

Ion 61.00 (60.70 to 61.70): VU024585.D (-1114) (-)

Ion 68.00 (67.70 to 68.70): VU024585.D (-1114) (-)



#34

Trichloroethene

Concen: 10.275 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU024596.D

Acq: 15 Jun 2018 16:15

Tgt Ion: 95 Resp: 29127

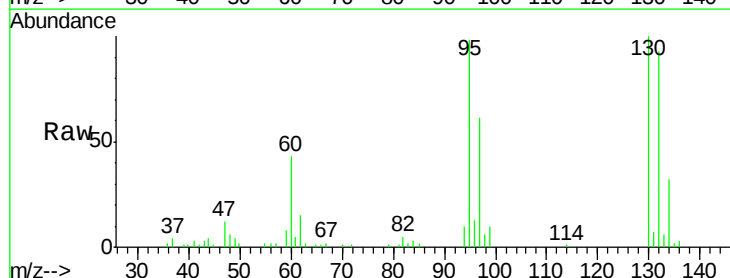
Ion Ratio Lower Upper

95 100

97 61.8 44.8 83.2

132 94.9 70.4 130.8

130 101.7 72.6 134.8

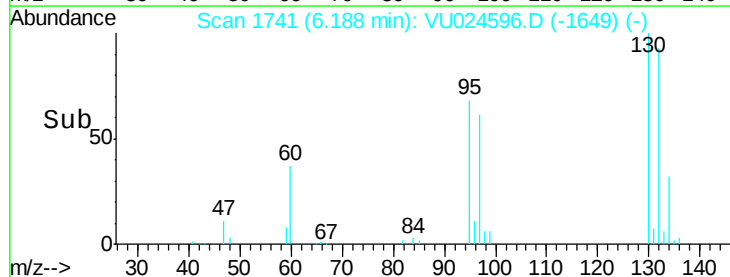
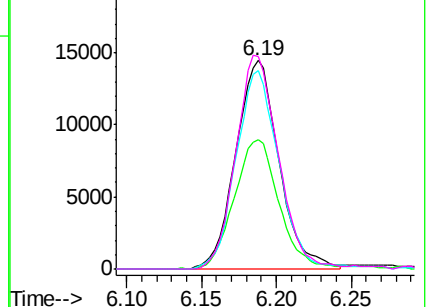


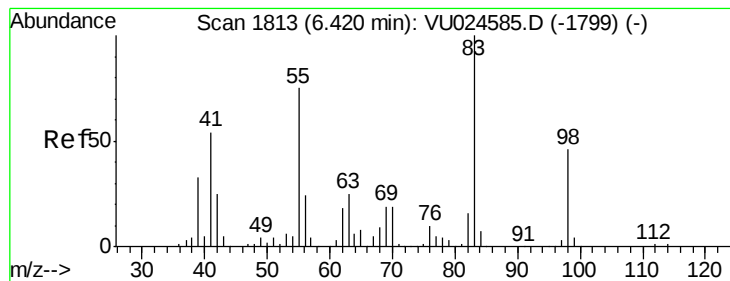
Abundance Ion 95.00 (94.70 to 95.70): VU024585.D (-1726) (-)

Ion 97.00 (96.70 to 97.70): VU024585.D (-1726) (-)

Ion 132.00 (131.70 to 132.70): VU024585.D (-1726) (-)

Ion 130.00 (129.70 to 130.70): VU024585.D (-1726) (-)





#35

Methylcyclohexane

Concen: 4.981 ug/L

RT: 6.41 min Scan# 1811

Delta R.T. -0.01 min

Lab File: VU024596.D

Acq: 15 Jun 2018 16:15

Instrument :

MSVOA_U

ClientSampleId :

BEY4

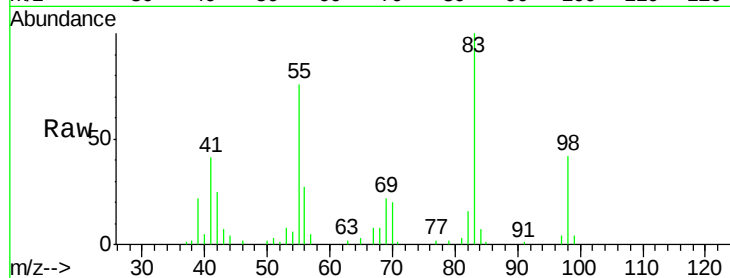
Tgt Ion: 83 Resp: 22699

Ion Ratio Lower Upper

83 100

55 75.5 59.4 89.0

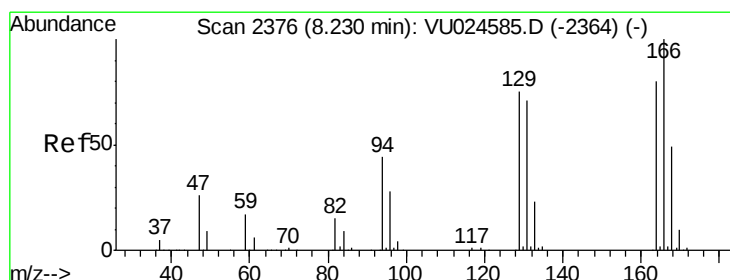
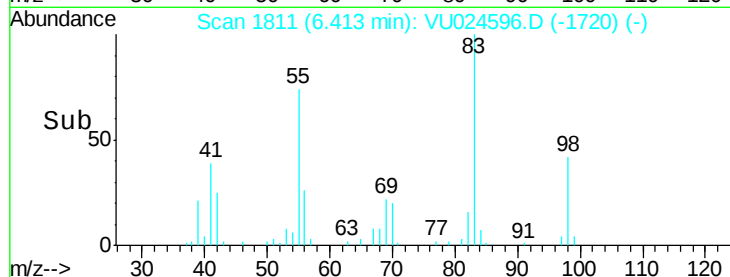
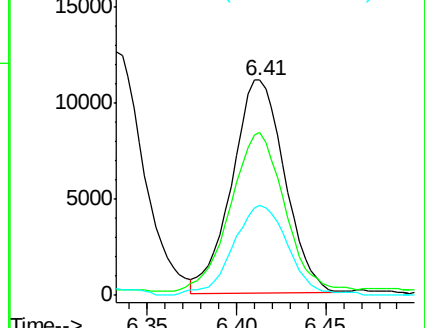
98 44.4 37.6 56.4



Abundance Ion 83.00 (82.70 to 83.70): VU024585.D (-1799) (-)

Ion 55.00 (54.70 to 55.70): VU024585.D (-1799) (-)

Ion 98.00 (97.70 to 98.70): VU024585.D (-1799) (-)



#46

Tetrachloroethene

Concen: 1800.090 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024596.D

Acq: 15 Jun 2018 16:15

Tgt Ion: 164 Resp: 4295440

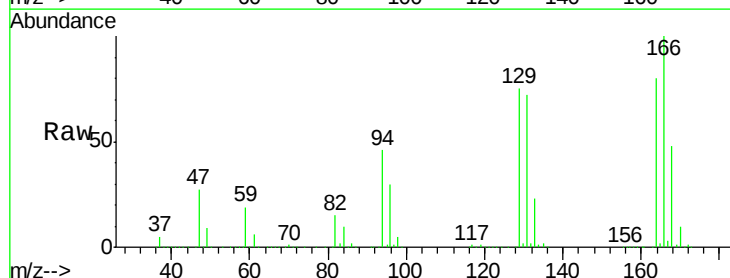
Ion Ratio Lower Upper

164 100

129 93.6 65.7 121.9

131 90.5 62.0 115.2

166 125.1 87.8 163.0

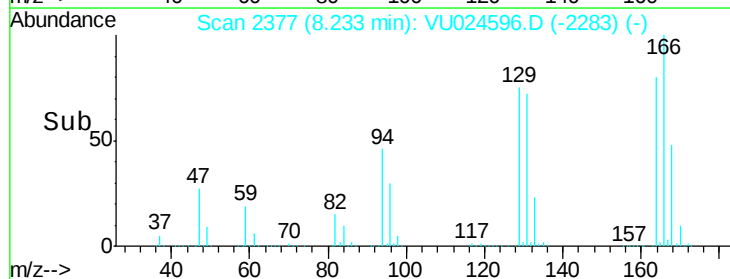
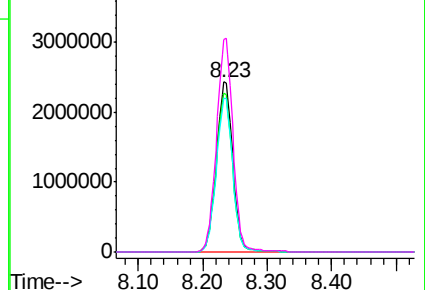


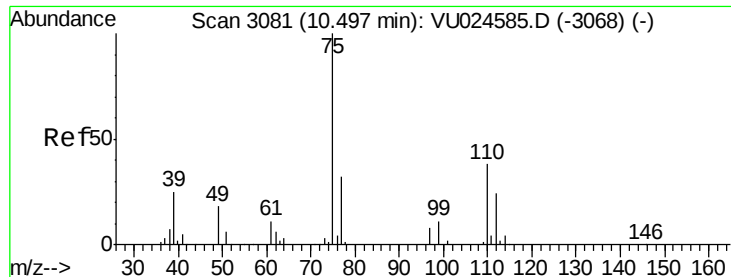
Abundance Ion 164.00 (163.70 to 164.70): VU024585.D (-2364) (-)

Ion 129.00 (128.70 to 129.70): VU024585.D (-2364) (-)

Ion 131.00 (130.70 to 131.70): VU024585.D (-2364) (-)

Ion 166.00 (165.70 to 166.70): VU024585.D (-2364) (-)





#59

1,2,3-Trichloropropane

Concen: 6.072 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU024596.D

Acq: 15 Jun 2018 16:15

Instrument :

MSVOA_U

ClientSampleId :

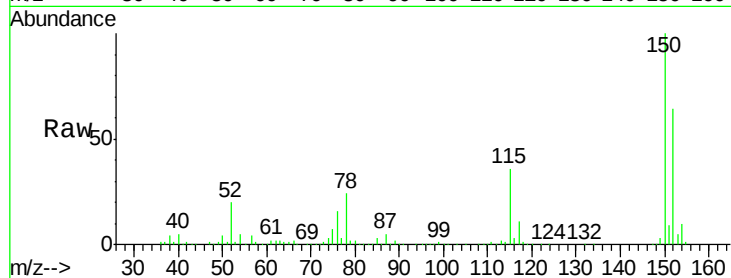
BEBY4

Tgt Ion: 75 Resp: 22006

Ion Ratio Lower Upper

75 100

77 39.0 26.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

