

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071420\
 Data File : VU039481.D
 Acq On : 14 Jul 2020 13:53
 Operator : SY/MD
 Sample : L3292-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT99

Quant Time: Jul 15 10:37:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 15 06:21:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	94522	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	90992	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42226	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	24799	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.93	69	27386	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.58	63	40460	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	4.65	46	114887	45.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.66%
24) Chloroform-d	5.09	84	57130	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.72	65	35228	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.74	84	108267	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.70	67	36447	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.91	98	94438	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	8.19	79	14754	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.64	63	86499	42.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.82%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	32755	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	38101	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

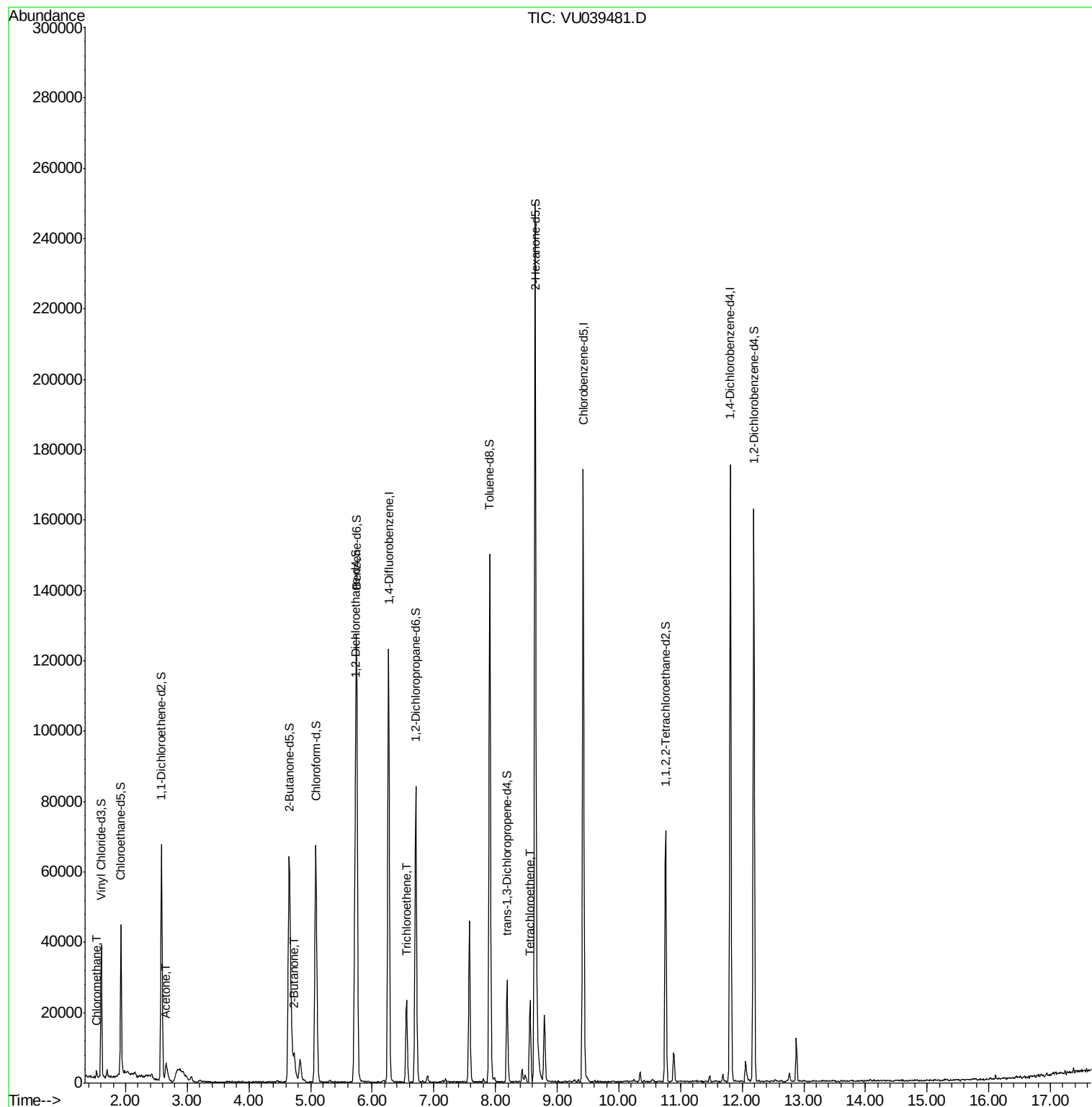
					Ovalue
3) Chloromethane	1.53	50	1378	0.199	ug/L 92
13) Acetone	2.66	43	9109	6.732	ug/L 96
21) 2-Butanone	4.74	43	9905	4.102	ug/L 99
34) Trichloroethene	6.56	95	7432	1.057	ug/L 96
47) Tetrachloroethene	8.56	164	4163	0.851	ug/L 91

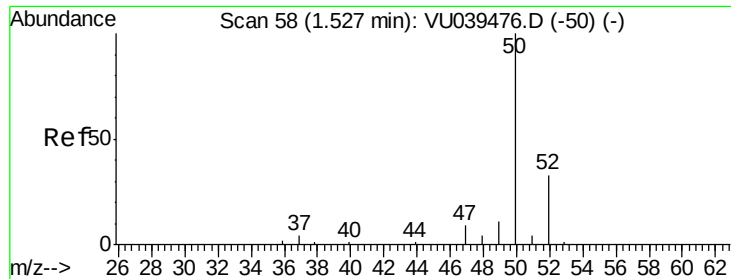
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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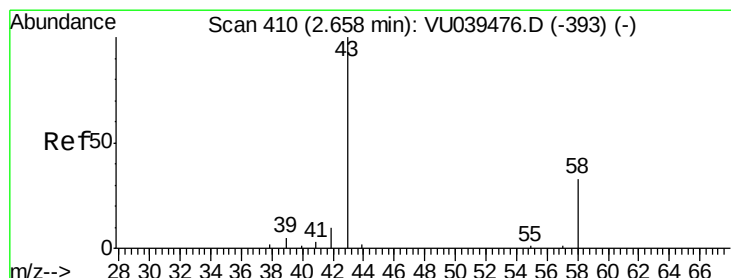
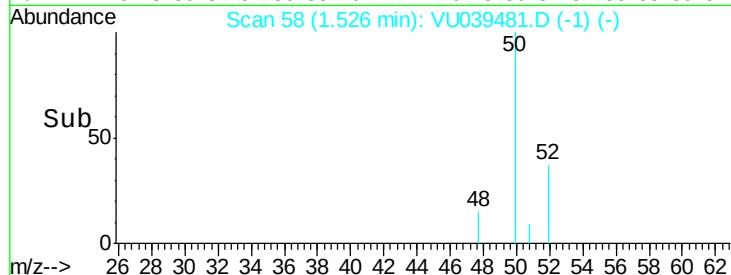
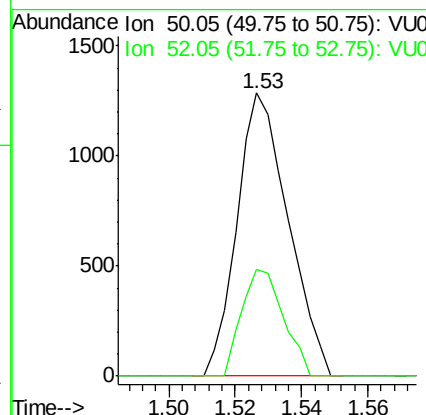
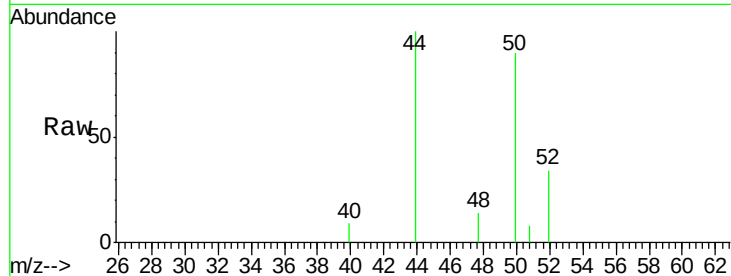




#3
 Chloromethane
 Concen: 0.199 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. -0.00 min
 Lab File: VU039481.D
 Acq: 14 Jul 2020 13:53

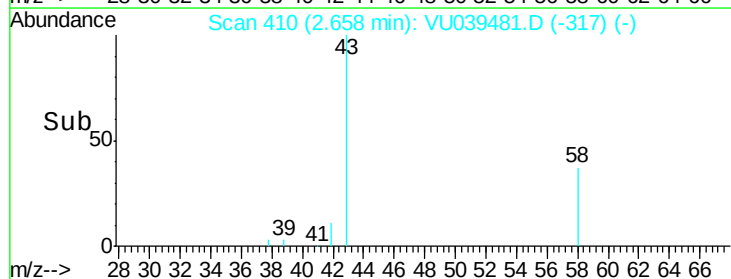
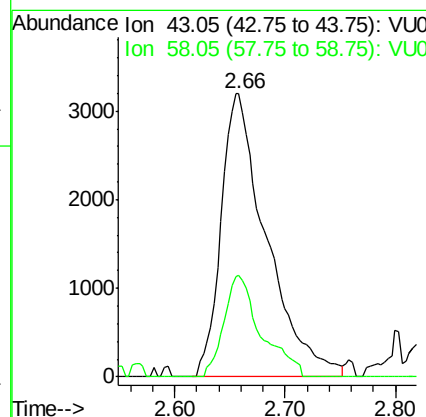
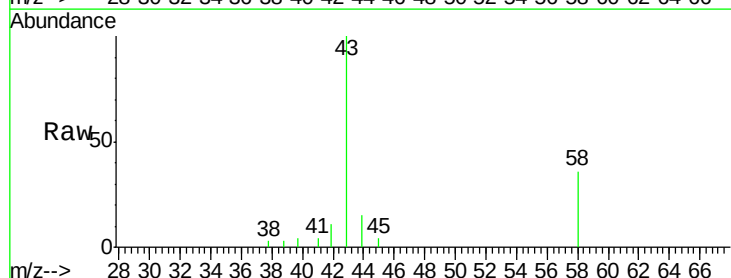
Instrument :
 MSVOA_U
 ClientSampleID :
 BFT99

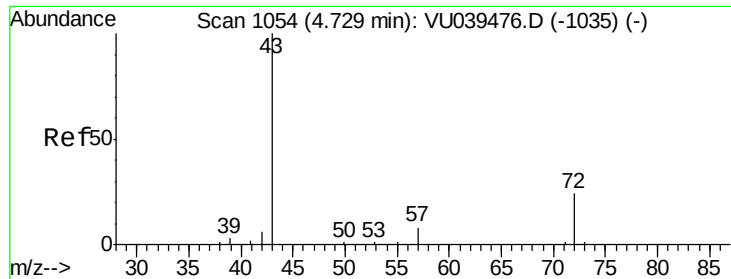
Tot Ion: 50 Resp: 1378
 Ion Ratio Lower Upper
 50 100
 52 37.5 23.0 42.8



#13
 Acetone
 Concen: 6.732 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: VU039481.D
 Acq: 14 Jul 2020 13:53

Tgt Ion: 43 Resp: 9109
 Ion Ratio Lower Upper
 43 100
 58 29.3 0.0 62.8





#21

2-Butanone

Concen: 4.102 ug/L

RT: 4.74 min Scan# 1057

Delta R.T. 0.01 min

Lab File: VU039481.D

Acq: 14 Jul 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

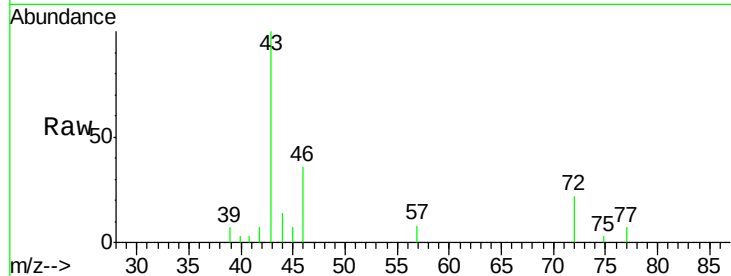
BFT99

Tot Ion: 43 Resp: 9905

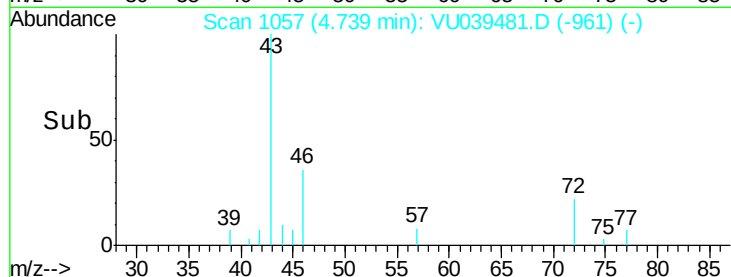
Ion Ratio Lower Upper

43 100

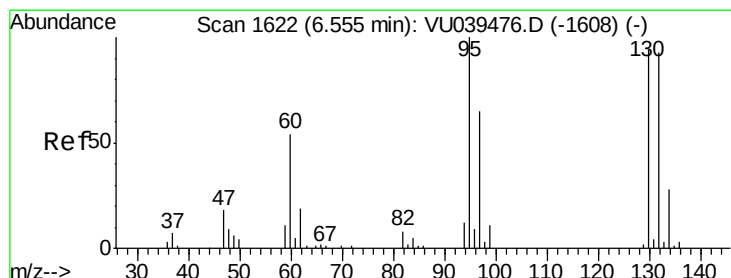
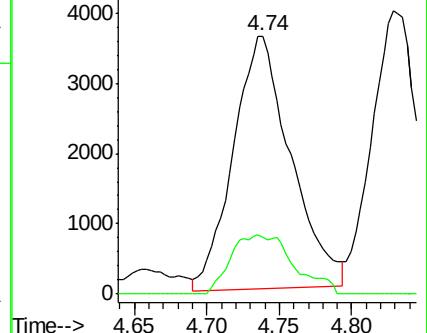
72 25.6 13.2 39.5



Abundance Ion 43.05 (42.75 to 43.75): VU039481.D (-961) (-)



Ion 72.10 (71.80 to 72.80): VU039481.D (-961) (-)



#34

Trichloroethene

Concen: 1.057 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. -0.00 min

Lab File: VU039481.D

Acq: 14 Jul 2020 13:53

Tgt Ion: 95 Resp: 7432

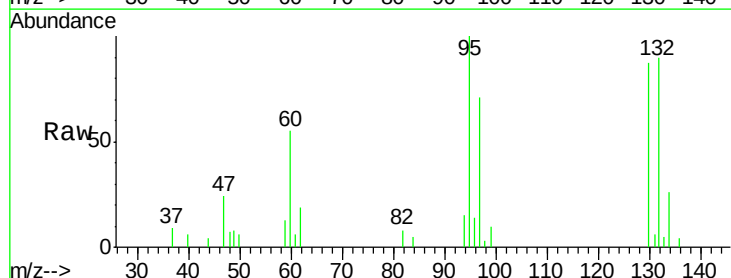
Ion Ratio Lower Upper

95 100

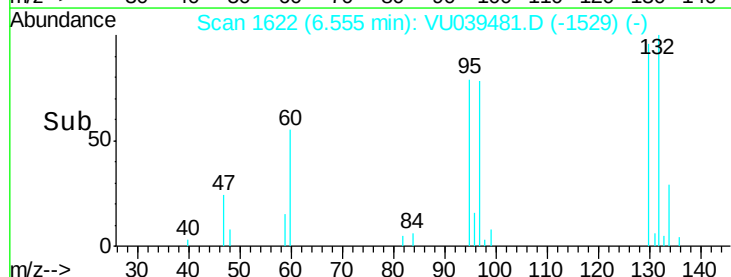
97 70.7 46.3 85.9

132 90.3 64.0 118.8

130 86.9 64.3 119.5



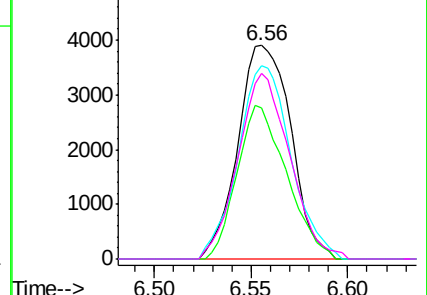
Abundance Ion 95.00 (94.70 to 95.70): VU039481.D (-1529) (-)

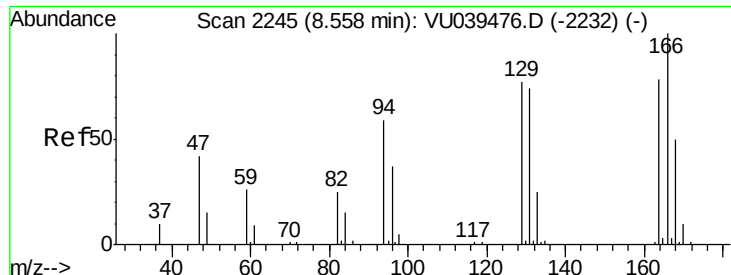


Ion 96.95 (96.65 to 97.65): VU039481.D (-1529) (-)

Ion 131.95 (131.65 to 132.65): VU039481.D (-1529) (-)

Ion 129.95 (129.65 to 130.65): VU039481.D (-1529) (-)





#47

Tetrachloroethene

Concen: 0.851 ug/L

RT: 8.56 min Scan# 2246

Delta R.T. 0.00 min

Lab File: VU039481.D

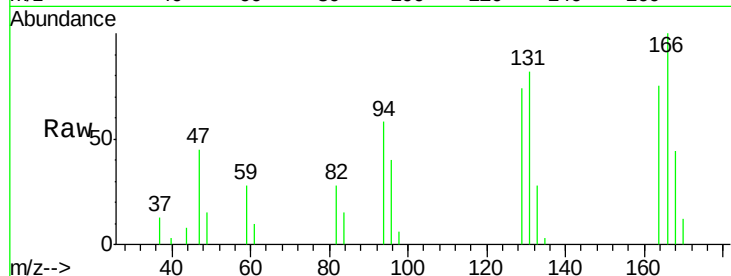
Acq: 14 Jul 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

BFT99



Tot Ion:164 Resp: 4163

Ion Ratio Lower Upper

164 100

129 98.7 68.6 127.4

131 109.7 66.4 123.4

166 133.5 85.9 159.5

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

