

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U051920\
 Data File : VU038232.D
 Acq On : 19 May 2020 14:09
 Operator : JC/MD
 Sample : L2657-06DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFST9DL

Quant Time: May 20 02:36:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 20 01:25:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	366476	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	360065	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	173973	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	115830	3.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.20%
7) Chloroethane-d5	1.93	69	114518	3.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.00%
11) 1,1-Dichloroethene-d2	2.58	63	143079	2.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.00%#
20) 2-Butanone-d5	4.67	46	482239	58.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.62%
24) Chloroform-d	5.10	84	219303	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.74	65	137254	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.76	84	447658	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.72	67	155325	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.92	98	378878	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
43) trans-1,3-Dichloropropene-	8.20	79	59269	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.66	63	381274	57.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.76%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	139509	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	152428	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%

Target Compounds

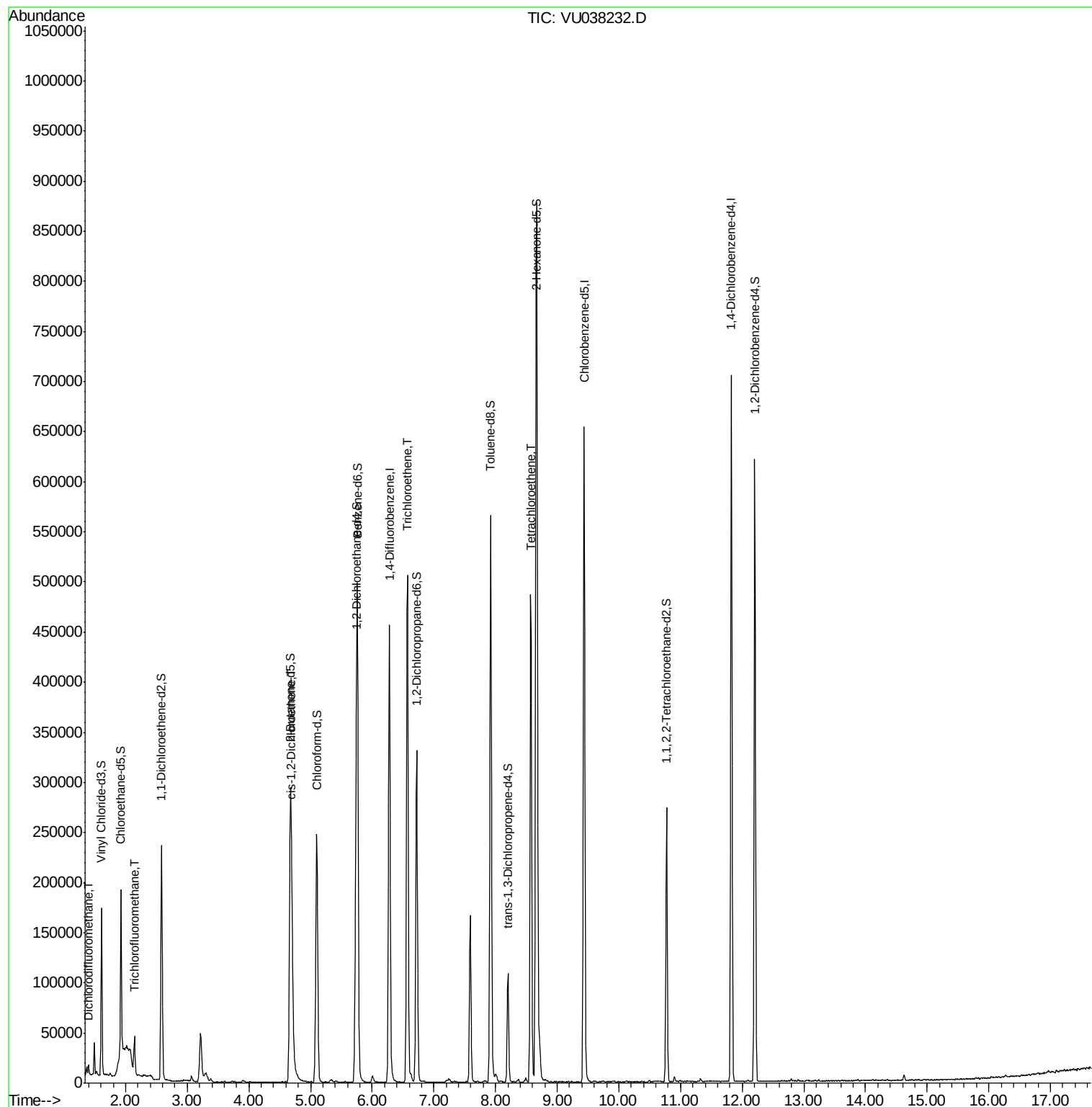
					Ovalue
2) Dichlorodifluoromethane	1.39	85	4848	0.145 ug/L	95
9) Trichlorofluoromethane	2.14	101	22697	0.561 ug/L	99
22) cis-1,2-Dichloroethene	4.70	96	23143	0.773 ug/L	86
34) Trichloroethene	6.57	95	168004	5.826 ug/L	96
47) Tetrachloroethene	8.57	164	106601	5.285 ug/L	97

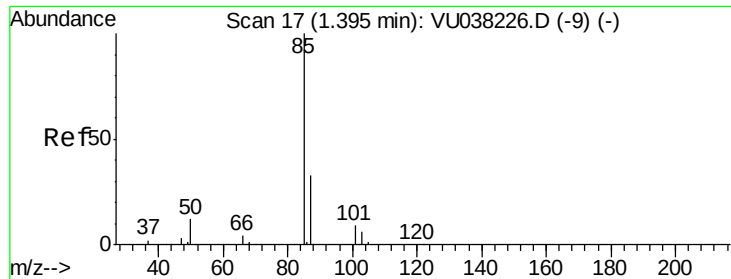
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.145 ug/L

RT: 1.39 min Scan# 17

Delta R.T. 0.00 min

Lab File: VU038232.D

Acq: 19 May 2020 14:09

Instrument :

MSVOA_U

ClientSampleId :

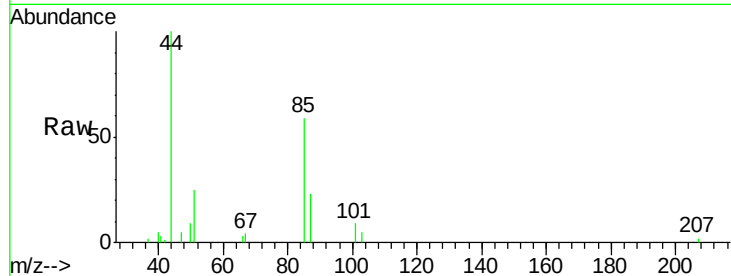
BFST9DL

Tot Ion: 85 Resp: 4848

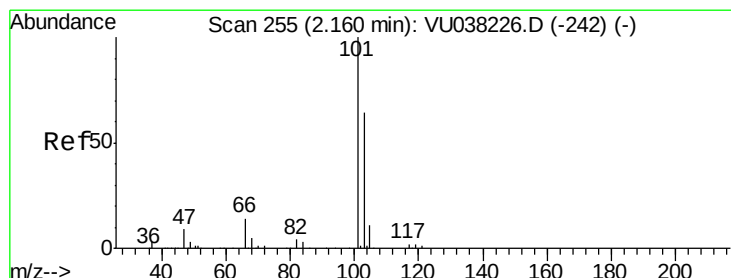
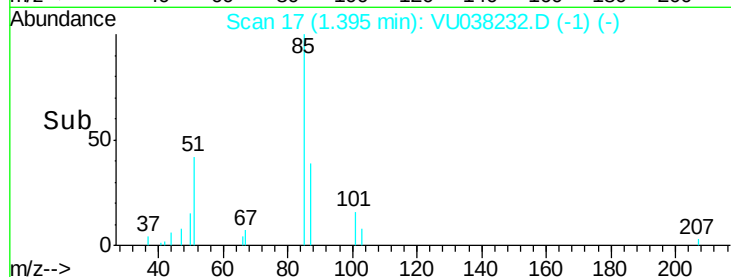
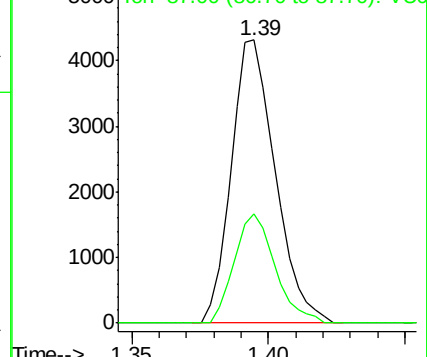
Ion Ratio Lower Upper

85 100

87 35.8 26.2 39.4



Abundance Ion 85.00 (84.70 to 85.70): VU038232.D (-1) (-)



#9

Trichlorofluoromethane

Concen: 0.561 ug/L

RT: 2.14 min Scan# 250

Delta R.T. -0.02 min

Lab File: VU038232.D

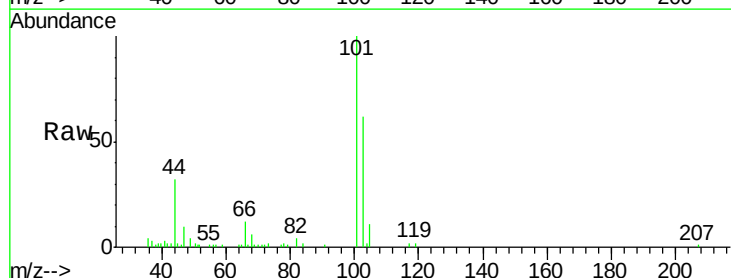
Acq: 19 May 2020 14:09

Tgt Ion: 101 Resp: 22697

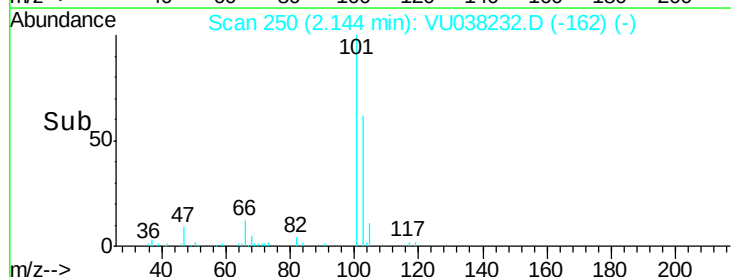
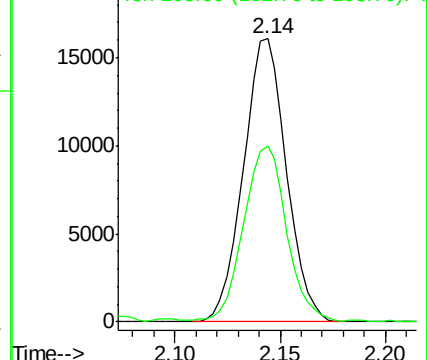
Ion Ratio Lower Upper

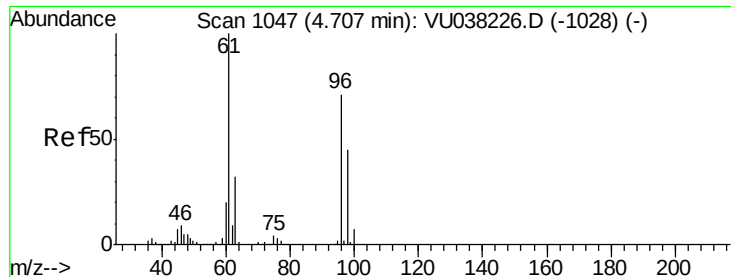
101 100

103 62.6 51.0 76.4



Abundance Ion 101.00 (100.70 to 101.70): VU038232.D (-162) (-)





#22

cis-1,2-Dichloroethene

Concen: 0.773 ug/L

RT: 4.70 min Scan# 1045

Delta R.T. -0.01 min

Lab File: VU038232.D

Acq: 19 May 2020 14:09

Instrument :

MSVOA_U

ClientSampleId :

BFST9DL

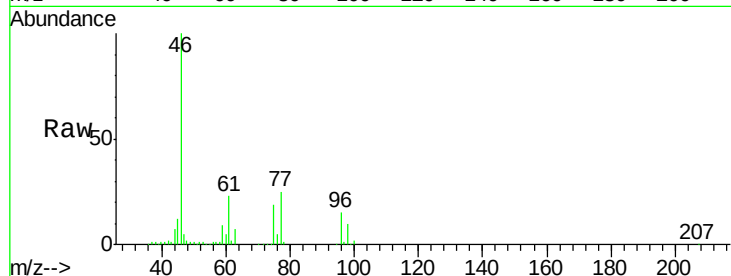
Tot Ion: 96 Resp: 23143

Ion Ratio Lower Upper

96 100

61 152.5 95.3 176.9

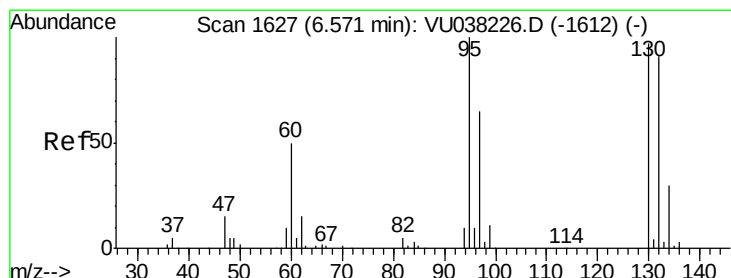
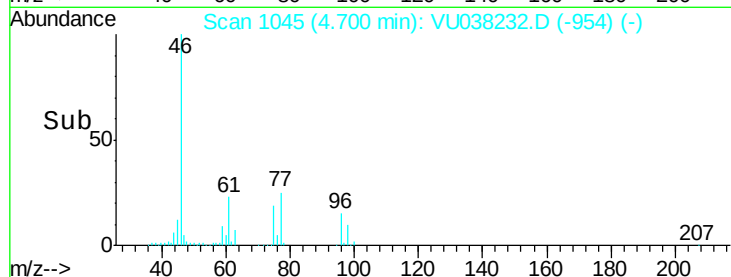
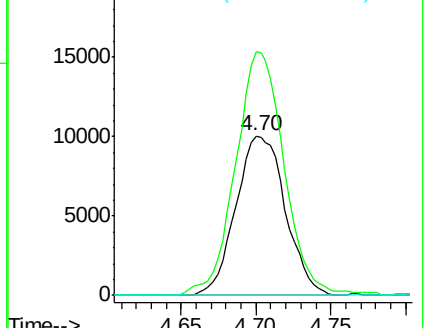
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038232.D (-1534) (-)

Ion 61.05 (60.75 to 61.75): VU038232.D (-1534) (-)

Ion 68.15 (67.85 to 68.85): VU038232.D (-1534) (-)



#34

Trichloroethene

Concen: 5.826 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU038232.D

Acq: 19 May 2020 14:09

Tgt Ion: 95 Resp: 168004

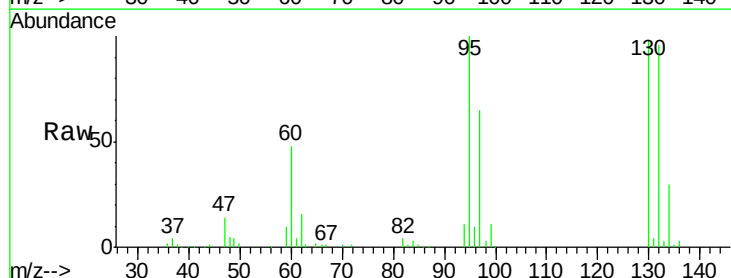
Ion Ratio Lower Upper

95 100

97 65.1 44.9 83.3

132 96.0 63.3 117.5

130 97.6 65.7 122.1

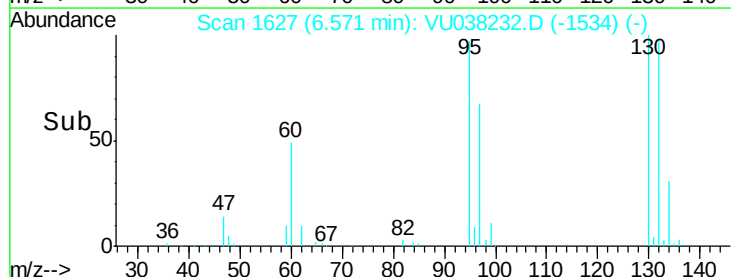
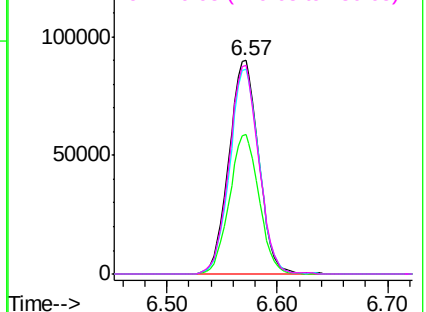


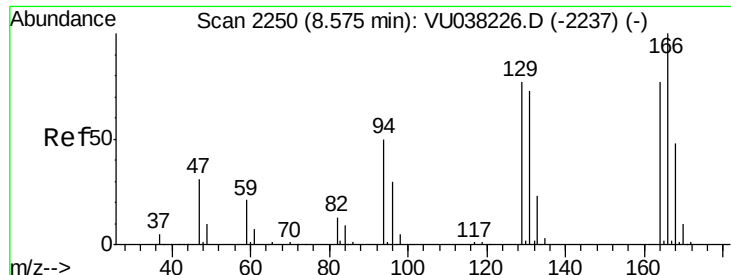
Abundance Ion 95.00 (94.70 to 95.70): VU038232.D (-1534) (-)

Ion 96.95 (96.65 to 97.65): VU038232.D (-1534) (-)

Ion 131.95 (131.65 to 132.65): VU038232.D (-1534) (-)

Ion 129.95 (129.65 to 130.65): VU038232.D (-1534) (-)





#47

Tetrachloroethene

Concen: 5.285 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU038232.D

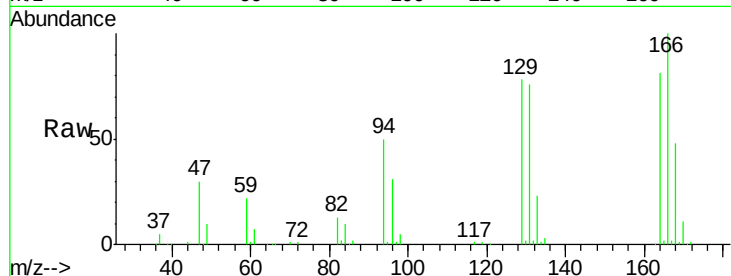
Acq: 19 May 2020 14:09

Instrument :

MSVOA_U

ClientSampleId :

BFST9DL



Tot Ion:164 Resp: 106601

Ion Ratio Lower Upper

164 100

129 96.1 68.8 127.8

131 93.7 66.8 124.2

166 123.3 88.9 165.1

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

