

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062320\
 Data File : VU039043.D
 Acq On : 23 Jun 2020 16:35
 Operator : SY/MD
 Sample : L3073-06DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L46DL

Quant Time: Jun 24 08:45:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 24 01:05:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	274439	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	276681	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	116702	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	114989	5.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.40%
7) Chloroethane-d5	1.93	69	95881	5.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.40%
11) 1,1-Dichloroethene-d2	2.59	63	166132	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.00%
20) 2-Butanone-d5	4.67	46	405101	55.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.70%
24) Chloroform-d	5.10	84	209849	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.74	65	131466	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.76	84	428713	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
36) 1,2-Dichloropropane-d6	6.72	67	139823	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.40%
41) Toluene-d8	7.92	98	344449	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
43) trans-1,3-Dichloropropene-	8.20	79	59783	5.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.60%
46) 2-Hexanone-d5	8.65	63	326642	56.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.96%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	126359	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	127924	5.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.60%

Target Compounds

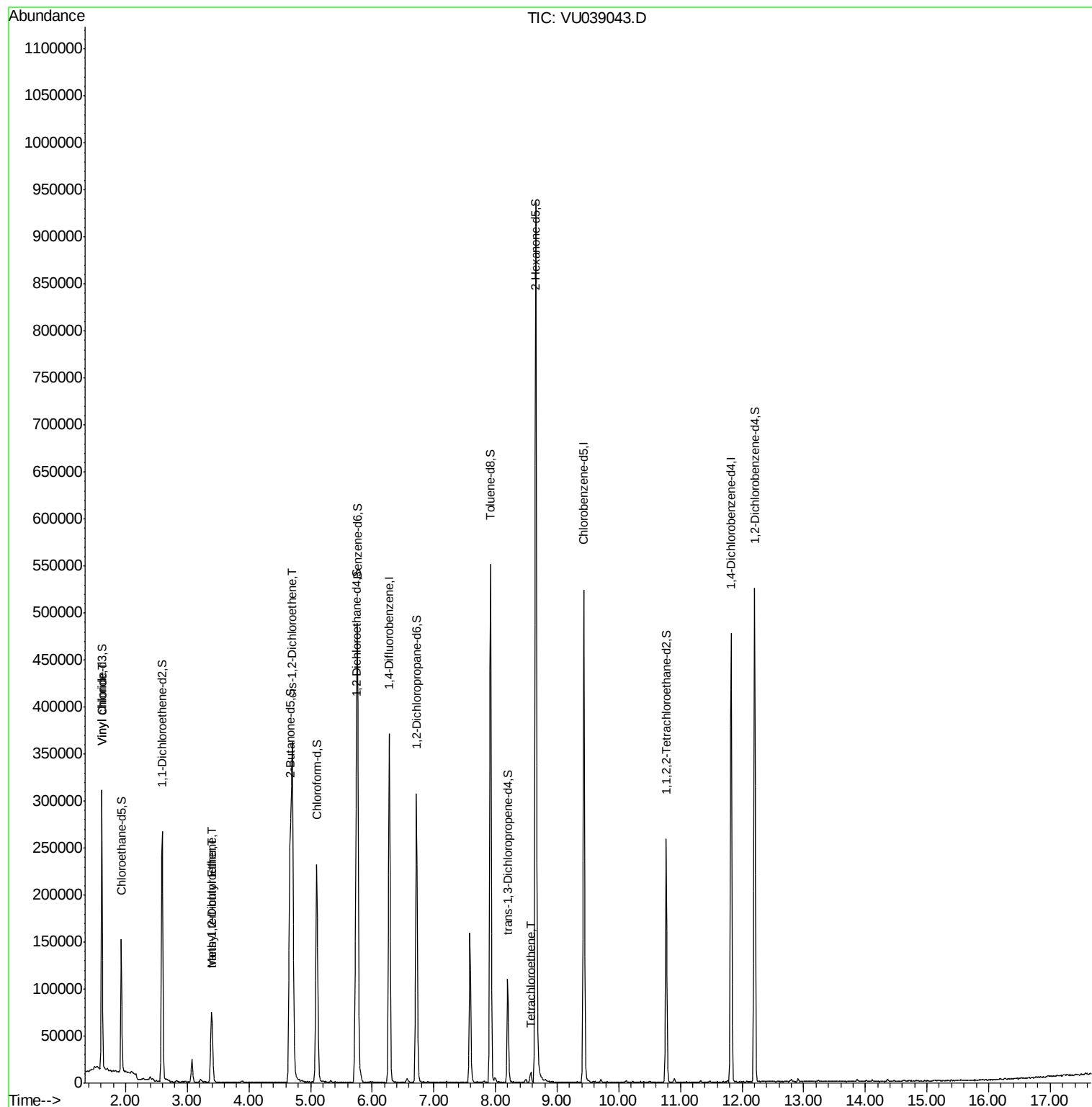
					Ovalue
5) Vinyl chloride	1.62	62	104180	3.908	ug/L 96
17) Methyl tert-butyl Ether	3.40	73	65777	1.216	ug/L 99
18) trans-1,2-Dichloroethene	3.38	96	7169	0.352	ug/L 97
22) cis-1,2-Dichloroethene	4.71	96	148174	6.752	ug/L 93
47) Tetrachloroethene	8.57	164	2306	0.152	ug/L 92

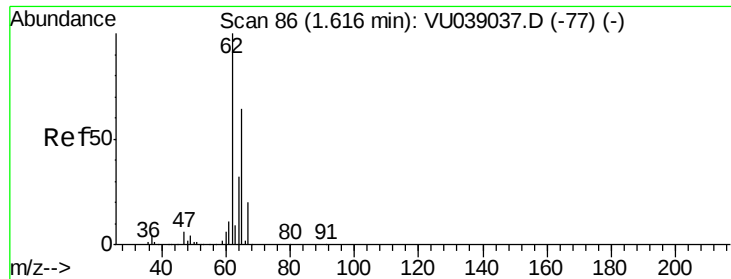
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.908 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU039043.D

Acq: 23 Jun 2020 16:35

Instrument :

MSVOA_U

ClientSampled :

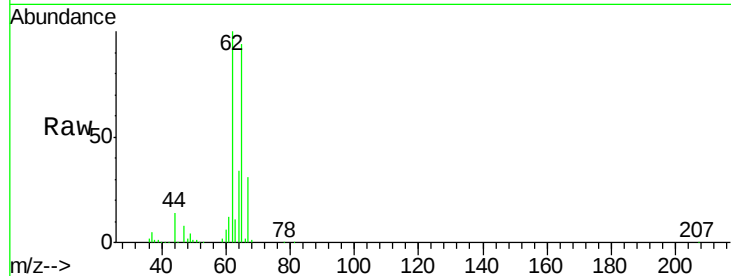
F9L46DL

Tot Ion: 62 Resp: 104180

Ion Ratio Lower Upper

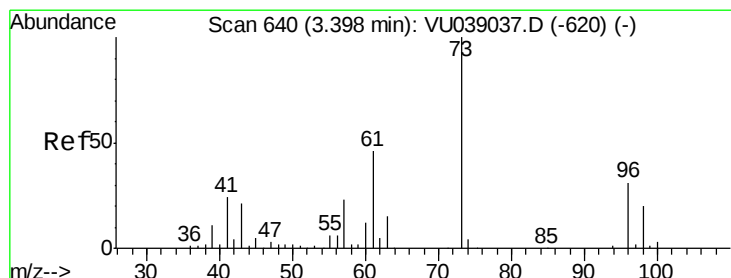
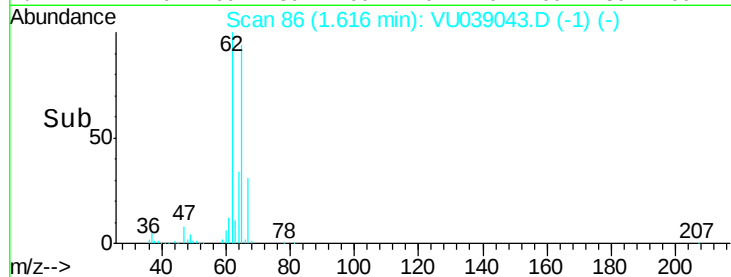
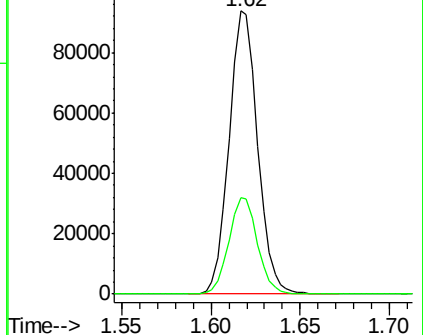
62 100

64 34.1 22.4 41.6



Abundance Ion 62.00 (61.70 to 62.70): VU039043.D (-1) (-)

Ion 64.10 (63.80 to 64.80): VU039043.D (-1) (-)



#17

Methyl tert-butyl Ether

Concen: 1.216 ug/L

RT: 3.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: VU039043.D

Acq: 23 Jun 2020 16:35

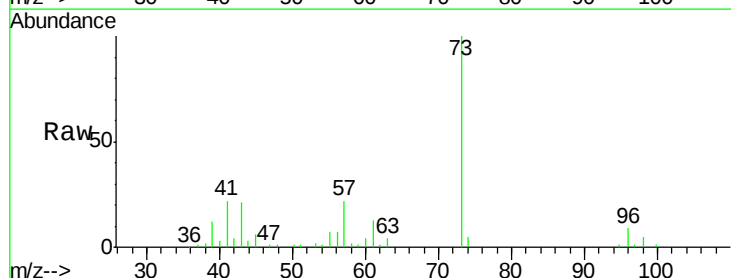
Tgt Ion: 73 Resp: 65777

Ion Ratio Lower Upper

73 100

43 20.8 16.6 24.8

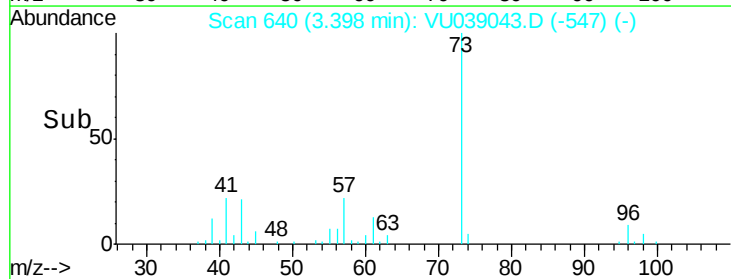
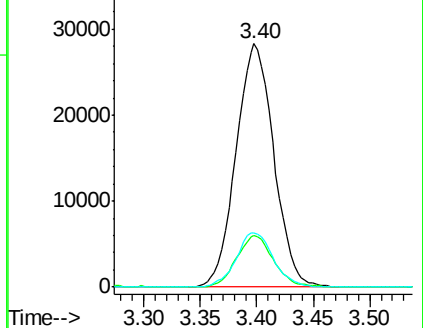
57 21.9 18.2 27.4

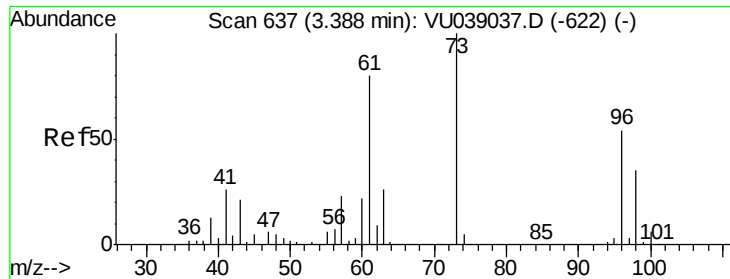


Abundance Ion 73.10 (72.80 to 73.80): VU039043.D (-547) (-)

Ion 43.05 (42.75 to 43.75): VU039043.D (-547) (-)

Ion 57.10 (56.80 to 57.80): VU039043.D (-547) (-)

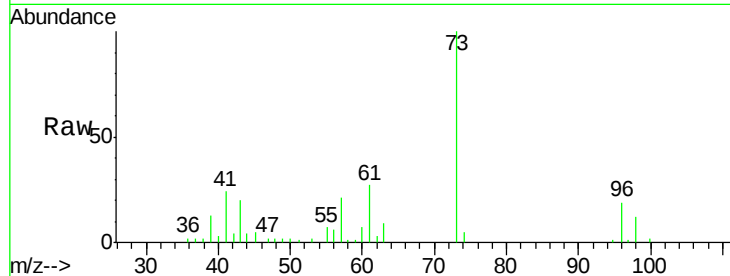




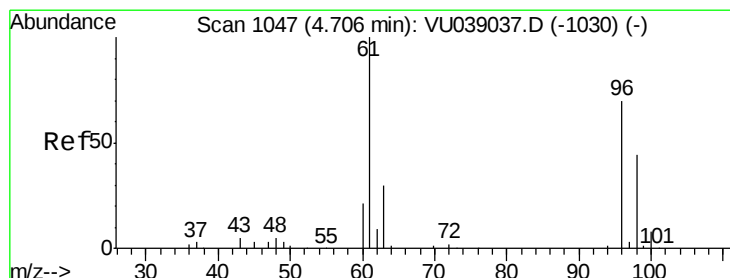
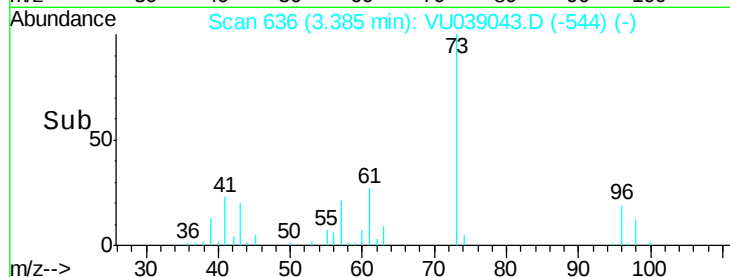
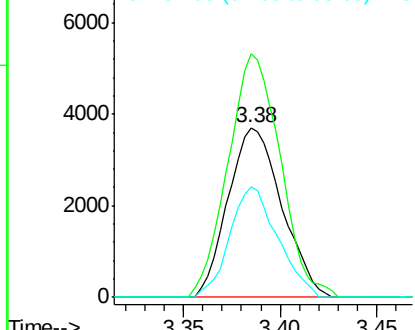
#18
trans-1,2-Dichloroethene
Concen: 0.352 ug/L
RT: 3.38 min Scan# 636
Delta R.T. -0.00 min
Lab File: VU039043.D
Acq: 23 Jun 2020 16:35

Instrument :
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Tot Ion: 96 Resp: 7169
Ion Ratio Lower Upper
96 100
61 143.2 103.5 192.3
98 65.0 44.9 83.5

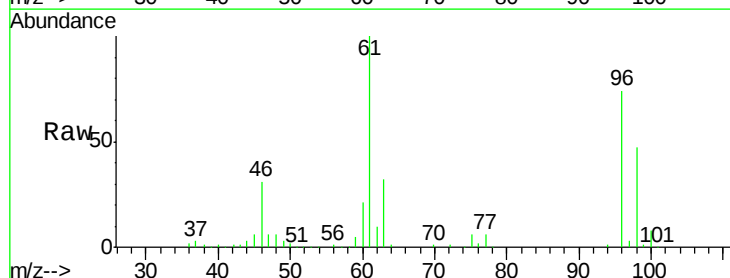


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

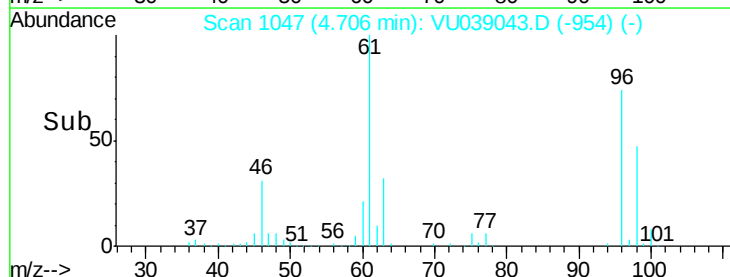
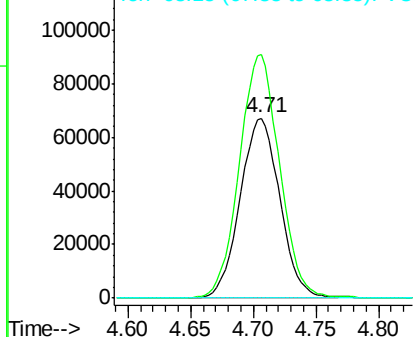


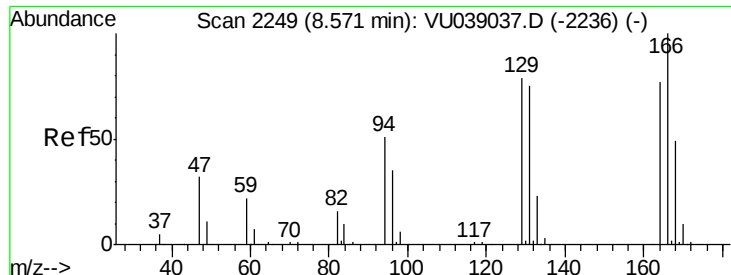
#22
cis-1,2-Dichloroethene
Concen: 6.752 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU039043.D
Acq: 23 Jun 2020 16:35

Tgt Ion: 96 Resp: 148174
Ion Ratio Lower Upper
96 100
61 135.3 100.8 187.2
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0





#47

Tetrachloroethene

Concen: 0.152 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU039043.D

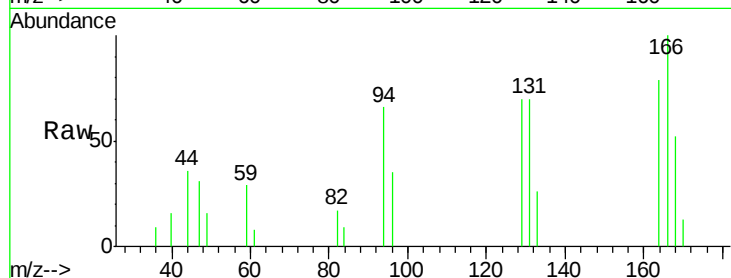
Acq: 23 Jun 2020 16:35

Instrument :

MSVOA_U

ClientSampleId :

F9L46DL



Tot Ion:164 Resp: 2306

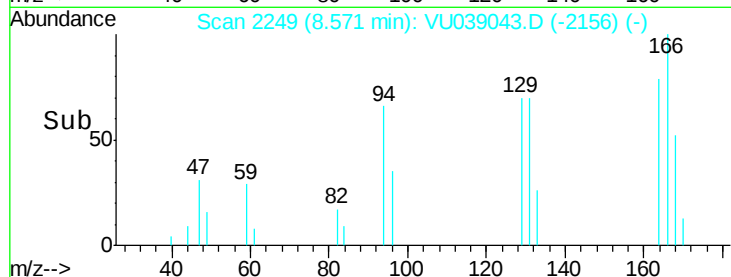
Ion Ratio Lower Upper

164 100

129 88.7 71.3 132.5

131 88.8 68.3 126.8

166 126.3 90.8 168.6



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

