

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016233.D
 Acq On : 27 May 2020 17:16
 Operator : SY/MD
 Sample : L2754-15
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXA1

Quant Time: May 28 04:58:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 01:17:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	78272	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	78701	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	33171	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26414	5.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.00%
7) Chloroethane-d5	1.58	69	24713	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.00%
11) 1,1-Dichloroethene-d2	2.12	63	37369	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.20%
20) 2-Butanone-d5	3.94	46	75580	60.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.22%
24) Chloroform-d	4.38	84	53499	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.06	65	29025	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.08	84	103559	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.10	67	33050	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	7.34	98	92863	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
45) trans-1,3-Dichloropropene-	7.65	79	10499	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
48) 2-Hexanone-d5	8.12	63	52355	50.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.56%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22948	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	32789	5.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.40%

Target Compounds

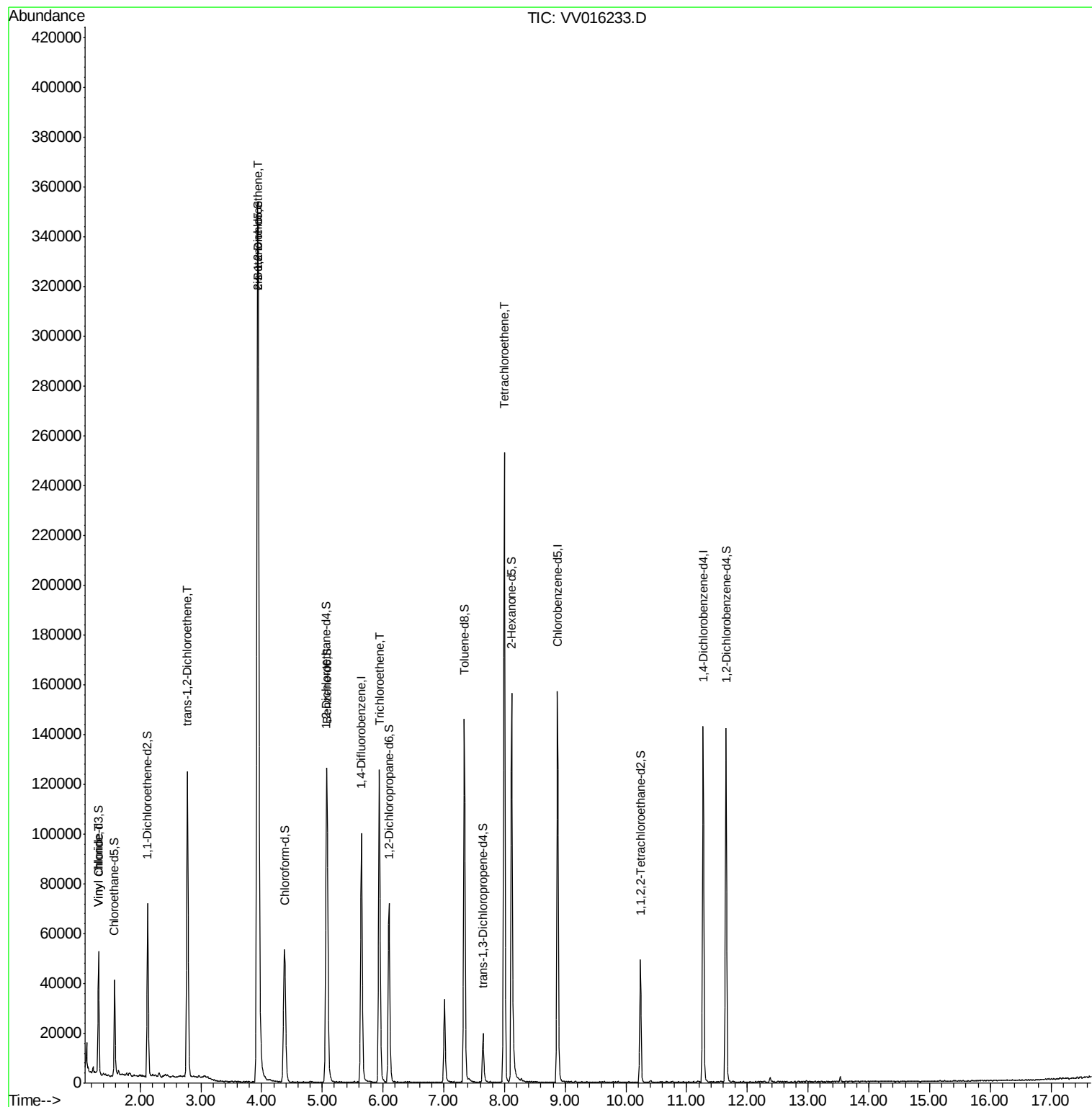
					Ovalue
5) Vinyl chloride	1.32	62	1068	0.156 ug/L	# 46
18) trans-1,2-Dichloroethene	2.78	96	42904	8.492 ug/L	96
22) cis-1,2-Dichloroethene	3.94	96	166805	27.916 ug/L	99
34) Trichloroethene	5.94	95	42923	7.275 ug/L	96
49) Tetrachloroethene	8.00	164	49278	11.634 ug/L	97

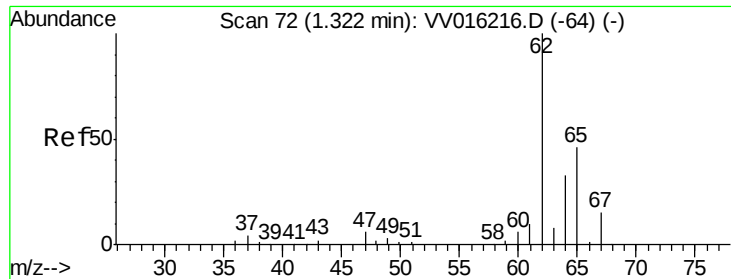
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.156 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016233.D

Acq: 27 May 2020 17:16

Instrument :

MSVOA_V

ClientSampled :

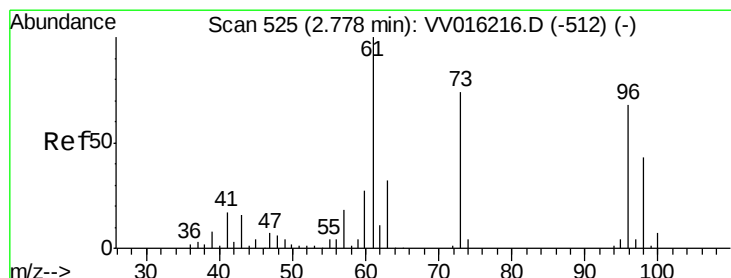
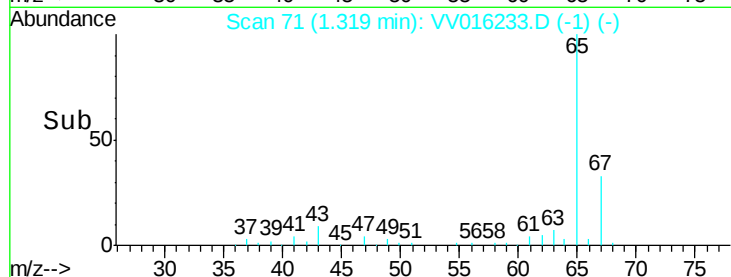
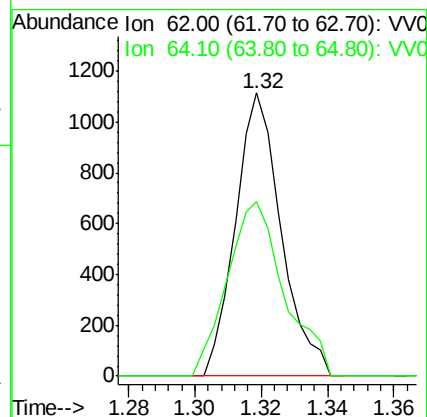
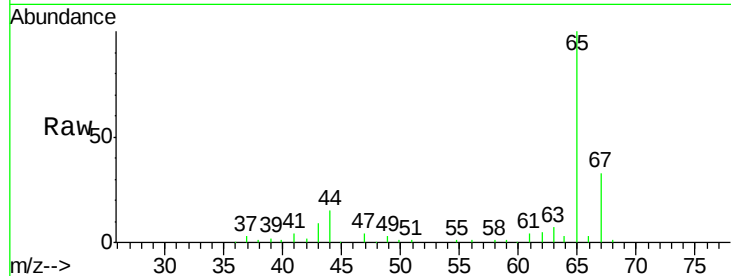
GAXA1

Tot Ion: 62 Resp: 1068

Ion Ratio Lower Upper

62 100

64 61.5 22.1 41.1#



#18

trans-1,2-Dichloroethene

Concen: 8.492 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV016233.D

Acq: 27 May 2020 17:16

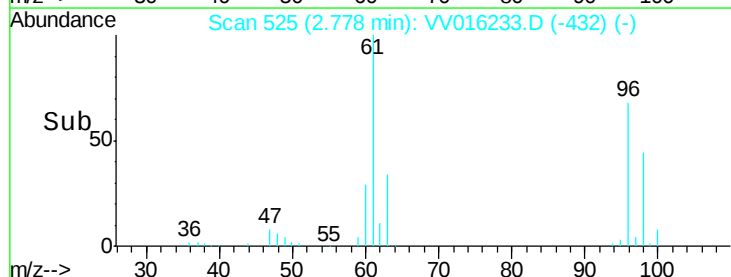
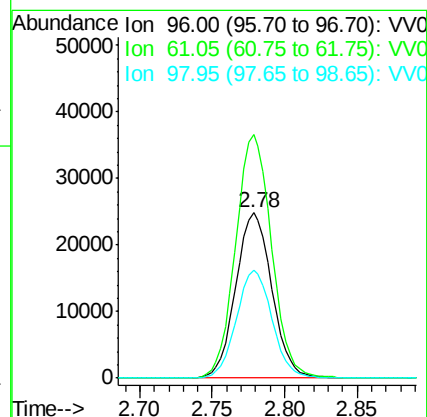
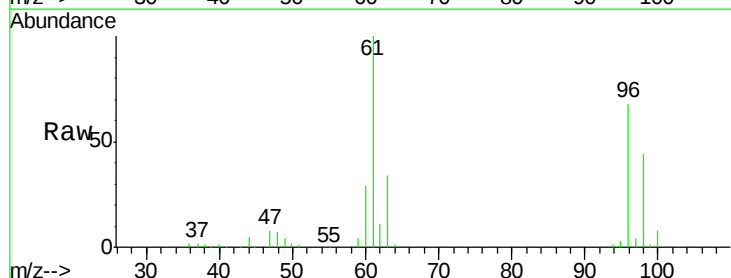
Tgt Ion: 96 Resp: 42904

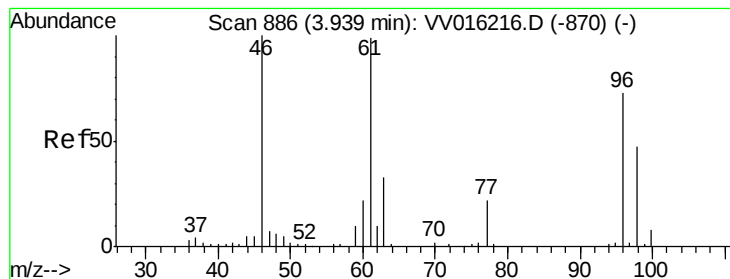
Ion Ratio Lower Upper

96 100

61 147.5 99.8 185.4

98 65.1 44.0 81.6





#22

cis-1,2-Dichloroethene

Concen: 27.916 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV016233.D

Acq: 27 May 2020 17:16

Instrument :

MSVOA_V

ClientSampleId :

GAXA1

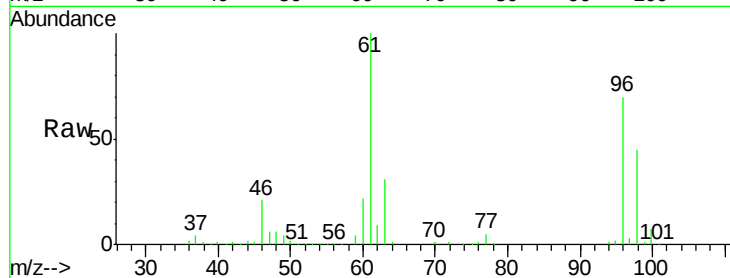
Tot Ion: 96 Resp: 166805

Ion Ratio Lower Upper

96 100

61 143.1 99.7 185.1

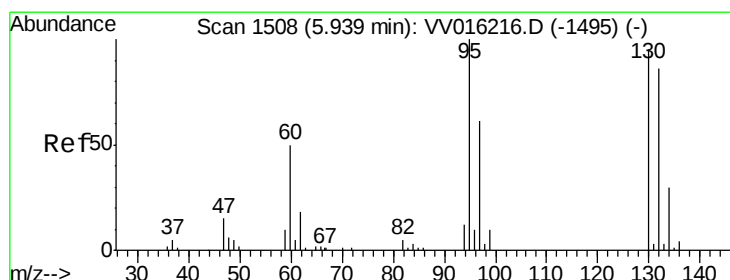
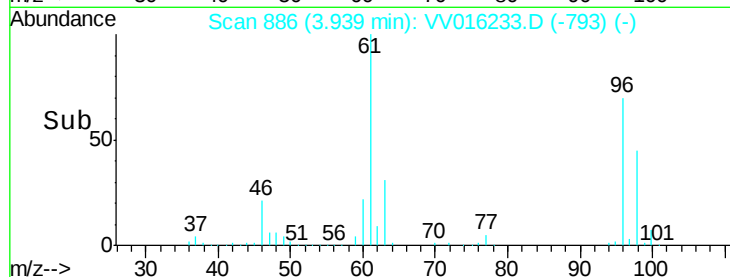
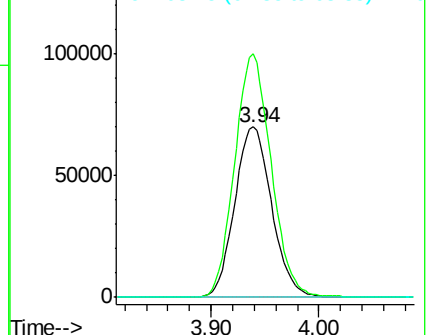
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0



#34

Trichloroethene

Concen: 7.275 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016233.D

Acq: 27 May 2020 17:16

Tgt Ion: 95 Resp: 42923

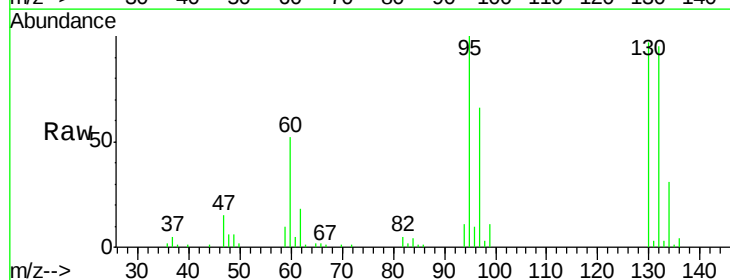
Ion Ratio Lower Upper

95 100

97 65.7 43.6 81.0

132 94.5 63.9 118.7

130 96.9 65.2 121.0

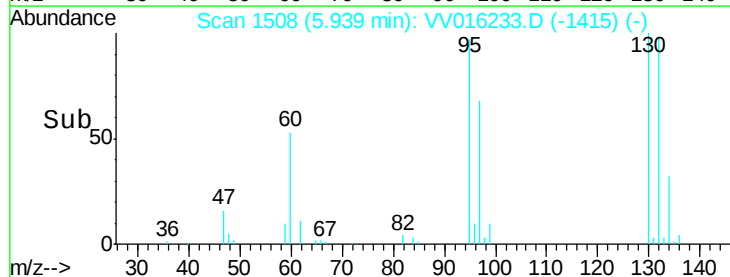
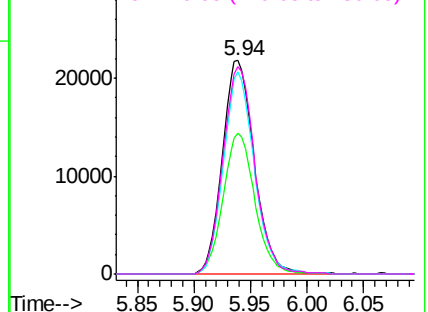


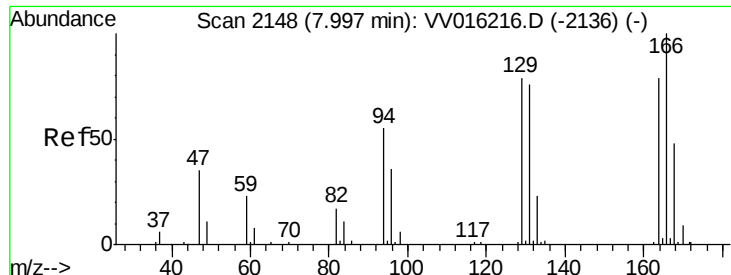
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0





#49

Tetrachloroethene

Concen: 11.634 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016233.D

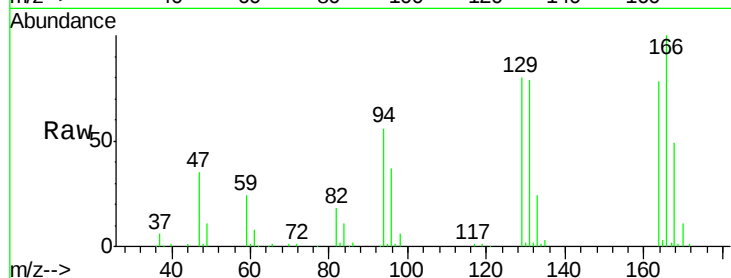
Acq: 27 May 2020 17:16

Instrument :

MSVOA_V

ClientSampleId :

GAXA1



Tot Ion:164 Resp: 49278

Ion Ratio Lower Upper

164 100

129 102.3 70.7 131.3

131 100.2 66.6 123.8

166 127.6 86.9 161.5

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

