

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071020\
 Data File : VV017435.D
 Acq On : 10 Jul 2020 13:23
 Operator : SY/MD
 Sample : L3254-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A43

Quant Time: Jul 11 00:40:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 11 00:23:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	266513	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	251179	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	125278	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57360	41.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.68%
7) Chloroethane-d5	1.58	69	43288	44.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.82%
11) 1,1-Dichloroethene-d2	2.12	63	100384	31.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.90%
21) 2-Butanone-d5	3.91	46	95927	101.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.22%
24) Chloroform-d	4.38	84	144795	45.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.24%
26) 1,2-Dichloroethane-d4	5.06	65	107141	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.28%
32) Benzene-d6	5.08	84	252276	46.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.98%
36) 1,2-Dichloropropane-d6	6.10	67	73426	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.98%
41) Toluene-d8	7.34	98	237559	45.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.08%
43) trans-1,3-Dichloropropene-	7.64	79	42398	46.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.24%
47) 2-Hexanone-d5	8.11	63	61097	95.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.28%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	99138	45.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	102897	49.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.24%

Target Compounds

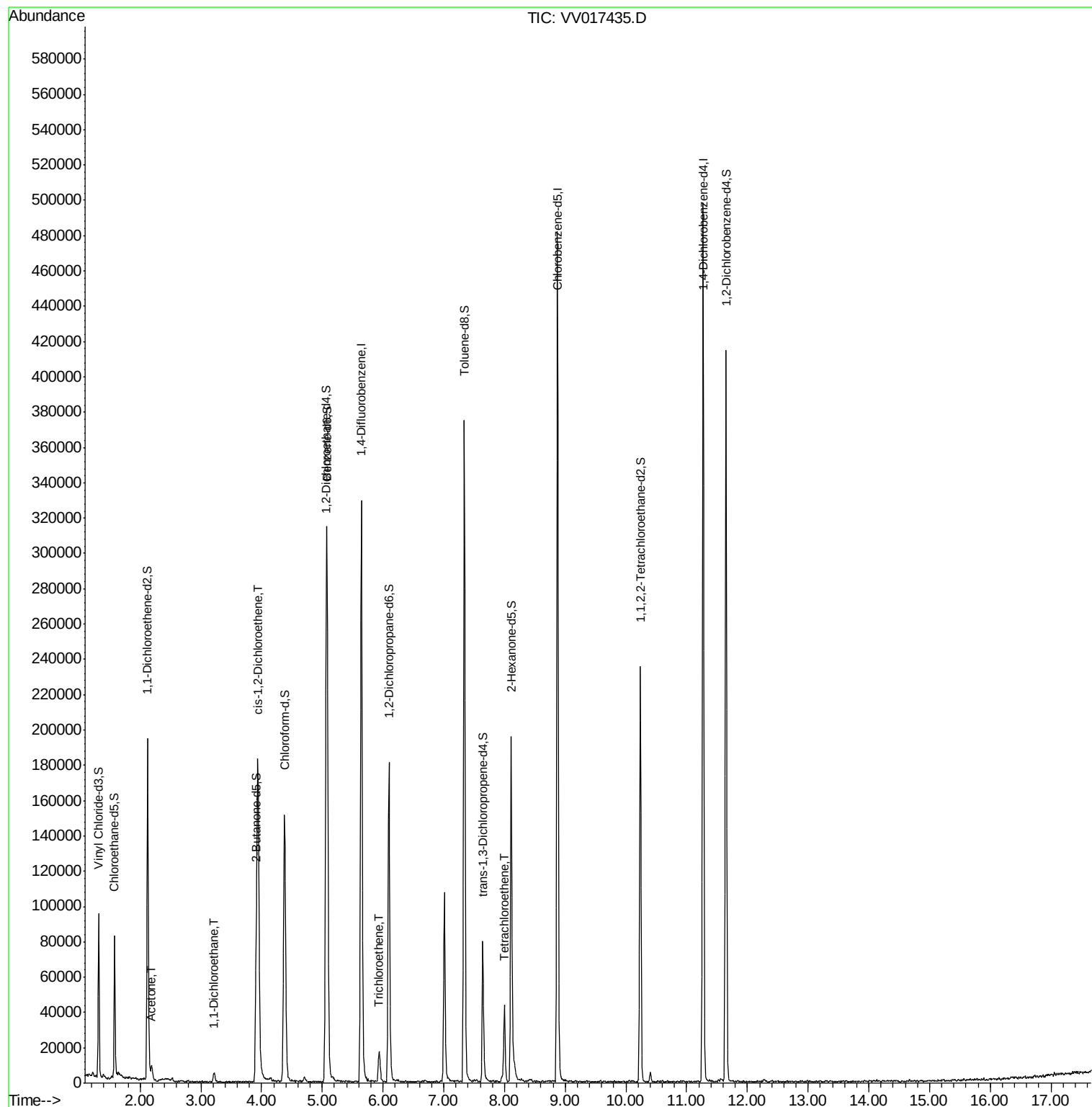
					Ovalue
13) Acetone	2.19	43	10147	7.866	ug/L 92
19) 1,1-Dichloroethane	3.22	63	5139	1.605	ug/L 94
20) cis-1,2-Dichloroethene	3.94	96	89475	47.971	ug/L 98
34) Trichloroethene	5.95	95	2923	1.483	ug/L 90
46) Tetrachloroethene	8.00	164	9762	5.898	ug/L 92

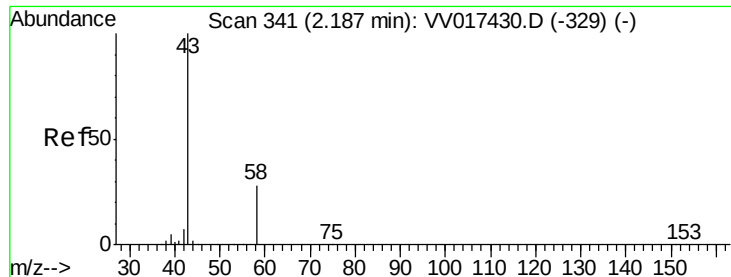
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 7.866 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV017435.D

Acq: 10 Jul 2020 13:23

Instrument :

MSVOA_V

ClientSampled :

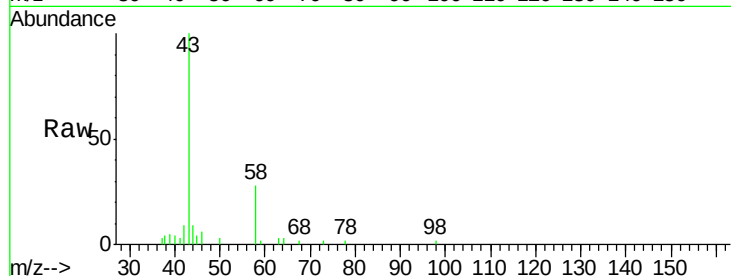
F4A43

Tot Ion: 43 Resp: 10147

Ion Ratio Lower Upper

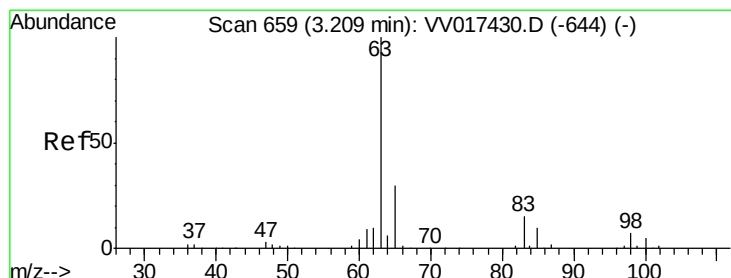
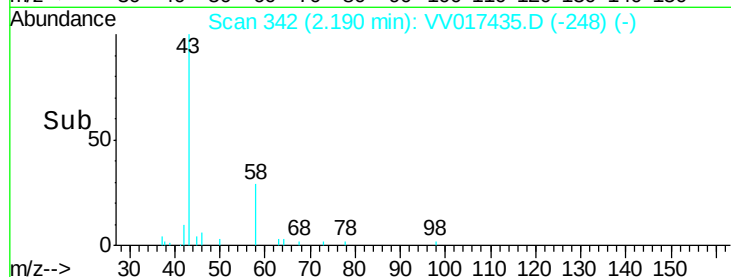
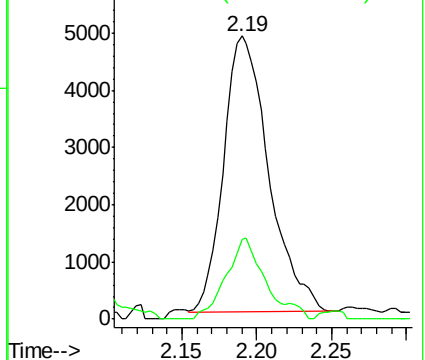
43 100

58 23.9 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#19

1,1-Dichloroethane

Concen: 1.605 ug/L

RT: 3.22 min Scan# 661

Delta R.T. 0.01 min

Lab File: VV017435.D

Acq: 10 Jul 2020 13:23

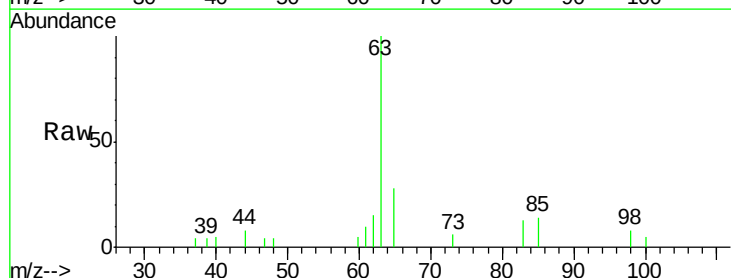
Tgt Ion: 63 Resp: 5139

Ion Ratio Lower Upper

63 100

65 28.0 22.1 41.1

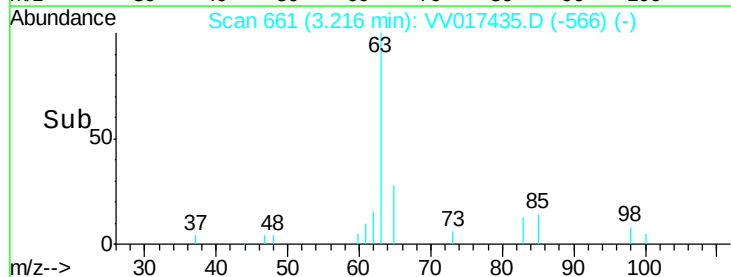
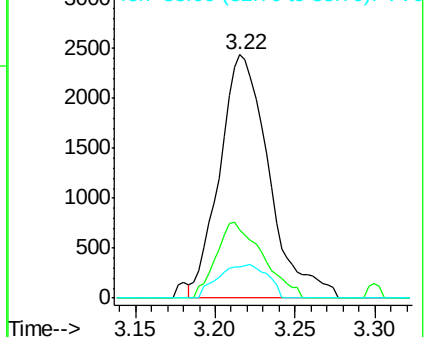
83 12.7 10.1 18.9

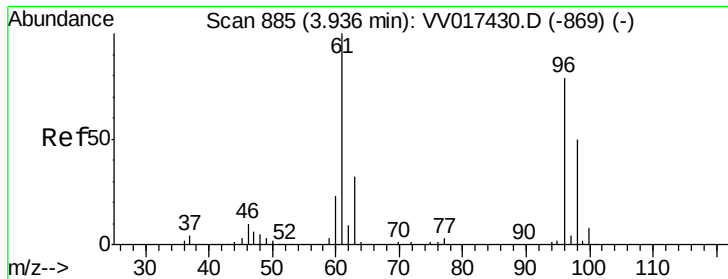


Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0



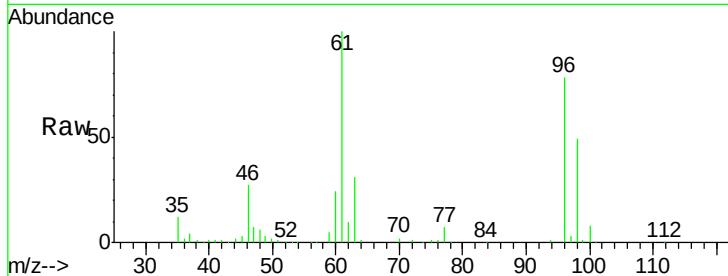


#20

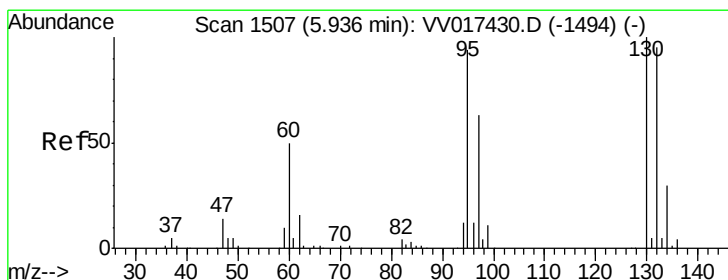
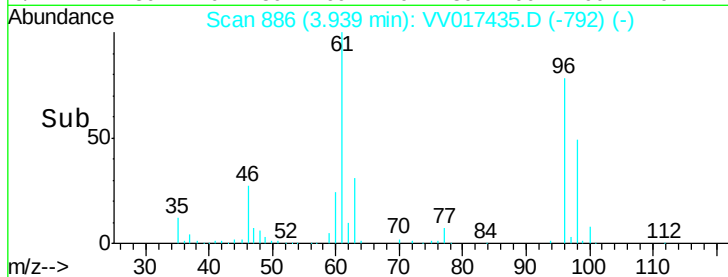
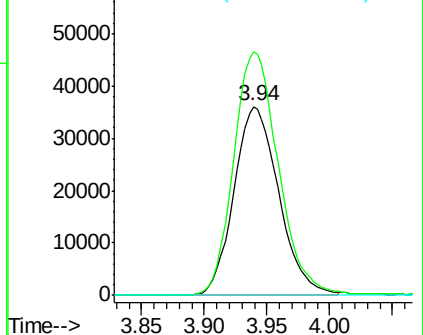
cis-1,2-Dichloroethene
Concen: 47.971 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017435.D
Acq: 10 Jul 2020 13:23

Instrument :
MSVOA_V
ClientSampleId :
F4A43

Tot Ion: 96 Resp: 89475
Ion Ratio Lower Upper
96 100
61 128.8 88.9 165.1
68 0.0 0.0 0.0



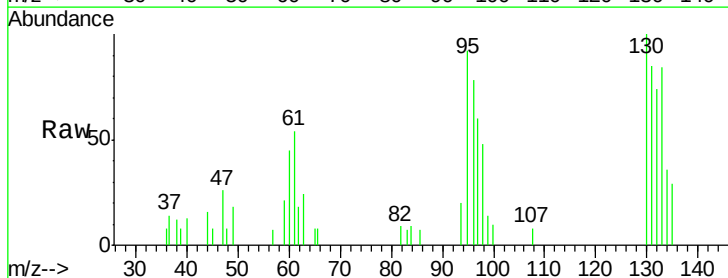
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



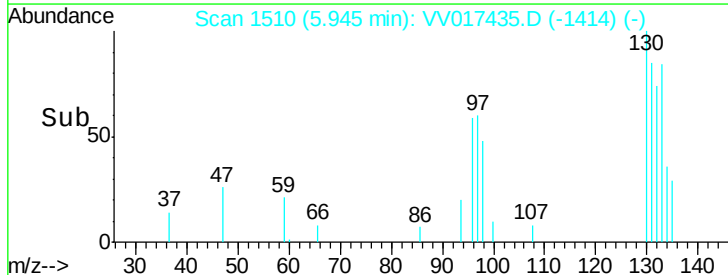
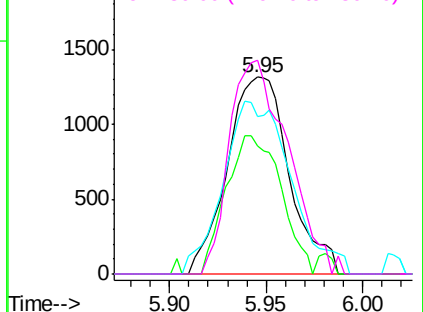
#34

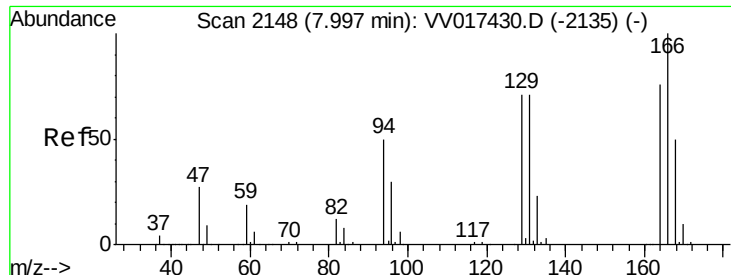
Trichloroethene
Concen: 1.483 ug/L
RT: 5.95 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VV017435.D
Acq: 10 Jul 2020 13:23

Tgt Ion: 95 Resp: 2923
Ion Ratio Lower Upper
95 100
97 64.8 45.6 84.6
132 80.2 74.1 137.5
130 108.4 75.5 140.3



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 97.00 (96.70 to 97.70): VV0
Ion 132.00 (131.70 to 132.70): VV0
Ion 130.00 (129.70 to 130.70): VV0





#46

Tetrachloroethene

Concen: 5.898 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV017435.D

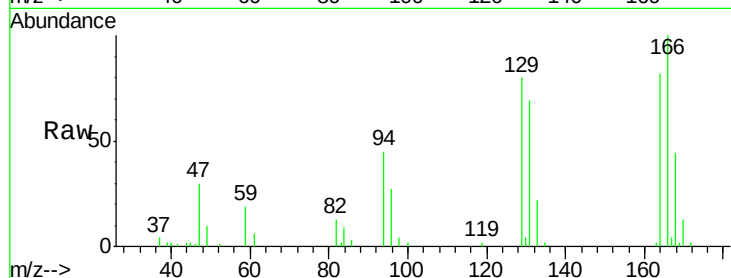
Acq: 10 Jul 2020 13:23

Instrument :

MSVOA_V

ClientSampleId :

F4A43



Tot Ion:164 Resp: 9762

Ion Ratio Lower Upper

164 100

129 96.7 66.6 123.8

131 84.1 65.5 121.7

166 121.5 93.9 174.5

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

