

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
 Data File : VV017417.D
 Acq On : 09 Jul 2020 23:00
 Operator : SY/MD
 Sample : L3253-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A24

Quant Time: Jul 10 05:31:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 10 05:13:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	269428	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	255687	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	127188	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57236	40.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.62%
7) Chloroethane-d5	1.58	69	43804	44.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.92%
11) 1,1-Dichloroethene-d2	2.12	63	98920	31.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.30%
21) 2-Butanone-d5	3.91	46	89019	92.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.92%
24) Chloroform-d	4.38	84	140907	43.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.86%
26) 1,2-Dichloroethane-d4	5.06	65	103672	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.10%
32) Benzene-d6	5.08	84	251398	45.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.04%
36) 1,2-Dichloropropane-d6	6.09	67	71892	45.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.40%
41) Toluene-d8	7.34	98	232099	43.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.42%
43) trans-1,3-Dichloropropene-	7.64	79	39393	42.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.10%
47) 2-Hexanone-d5	8.11	63	57787	88.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.53%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	98815	44.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	99576	46.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.64%

Target Compounds

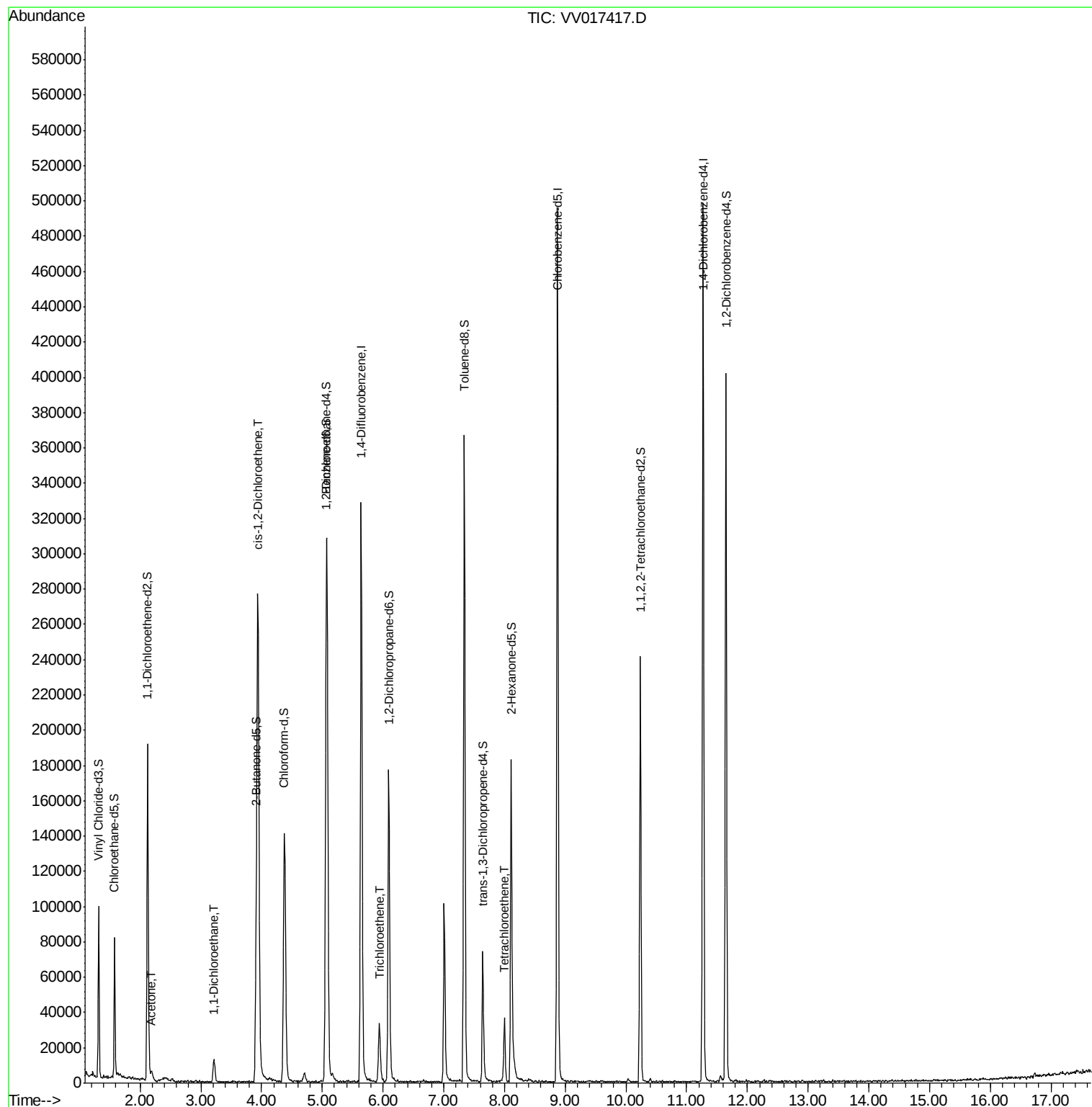
					Ovalue
13) Acetone	2.19	43	5669	4.347 ug/L	95
19) 1,1-Dichloroethane	3.21	63	12701	3.925 ug/L	96
20) cis-1,2-Dichloroethene	3.94	96	144358	76.559 ug/L	97
34) Trichloroethene	5.95	95	8412	4.192 ug/L	93
46) Tetrachloroethene	8.00	164	8319	4.937 ug/L	93

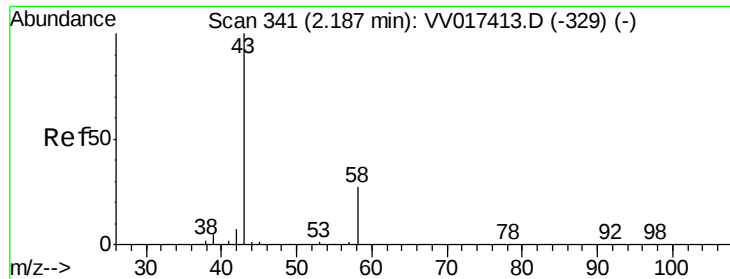
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jul 10 05:13:25 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.347 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV017417.D

Acq: 09 Jul 2020 23:00

Instrument :

MSVOA_V

ClientSampled :

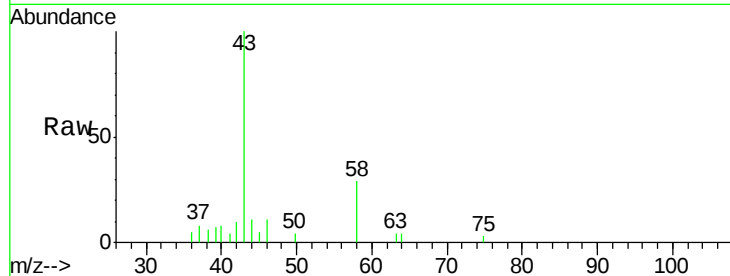
F4A24

Tot Ion: 43 Resp: 5669

Ion Ratio Lower Upper

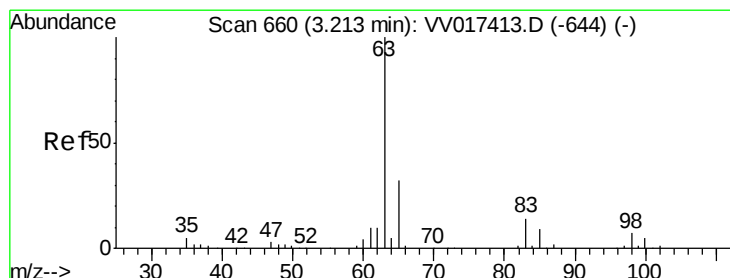
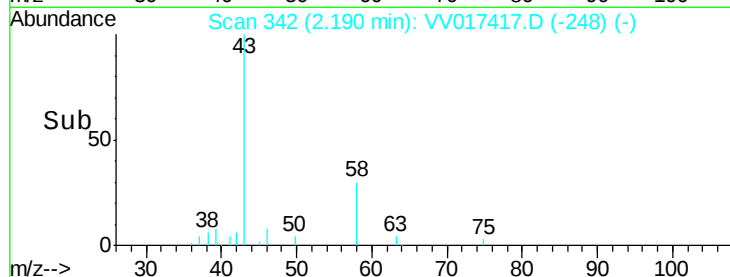
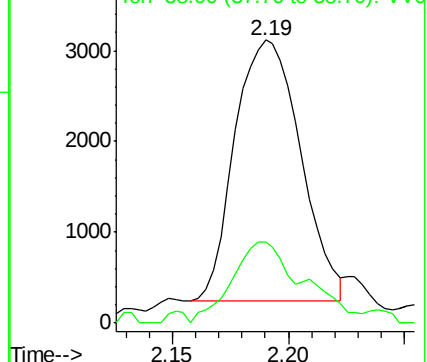
43 100

58 25.3 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: 3.925 ug/L

RT: 3.21 min Scan# 660

Delta R.T. -0.00 min

Lab File: VV017417.D

Acq: 09 Jul 2020 23:00

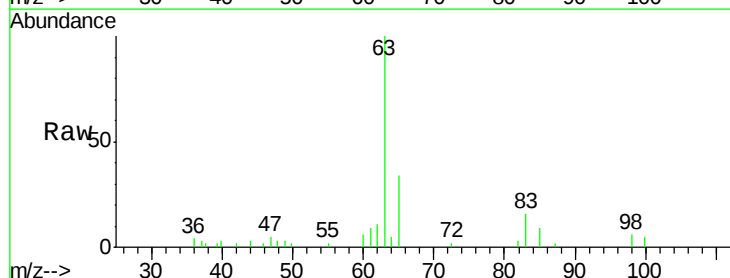
Tgt Ion: 63 Resp: 12701

Ion Ratio Lower Upper

63 100

65 33.6 22.1 41.1

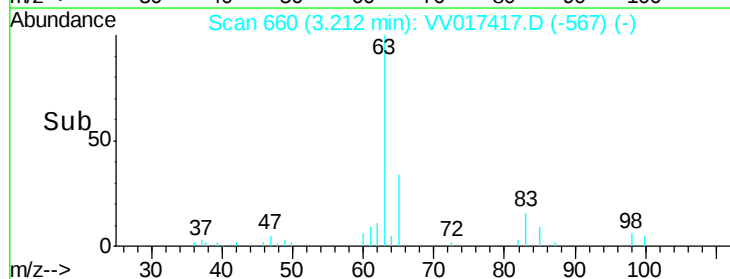
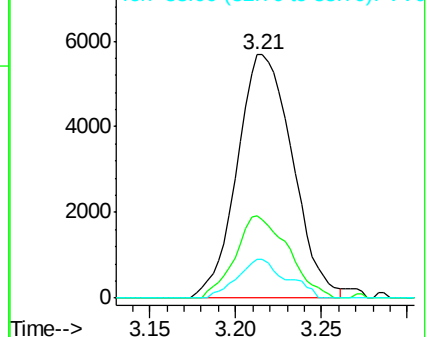
83 15.8 10.1 18.9

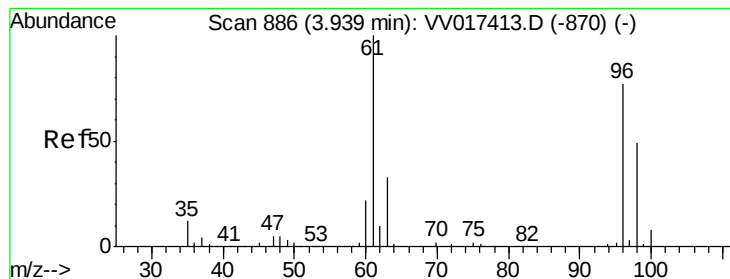


Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0



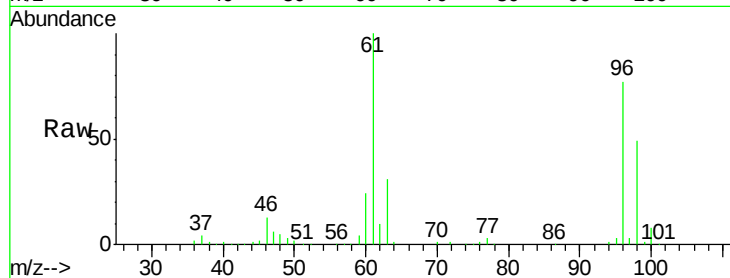


#20

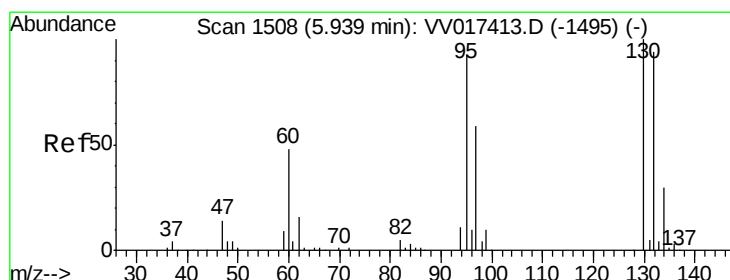
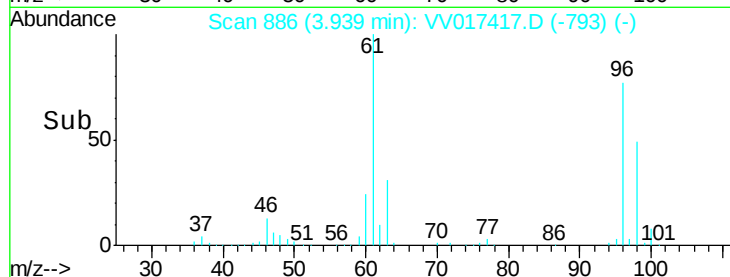
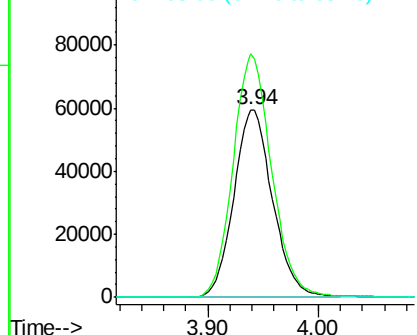
cis-1,2-Dichloroethene
Concen: 76.559 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV017417.D
Acq: 09 Jul 2020 23:00

Instrument :
MSVOA_V
ClientSampled :
F4A24

Tot Ion: 96 Resp: 144358
Ion Ratio Lower Upper
96 100
61 129.9 88.9 165.1
68 0.0 0.0 0.0



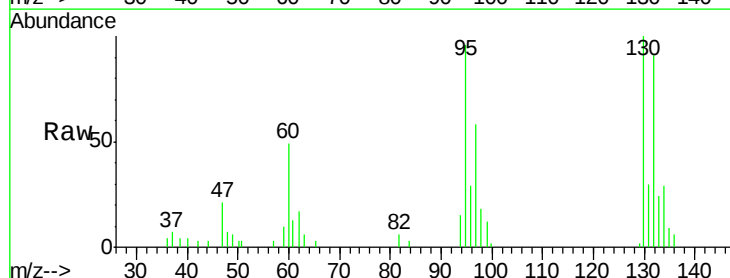
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



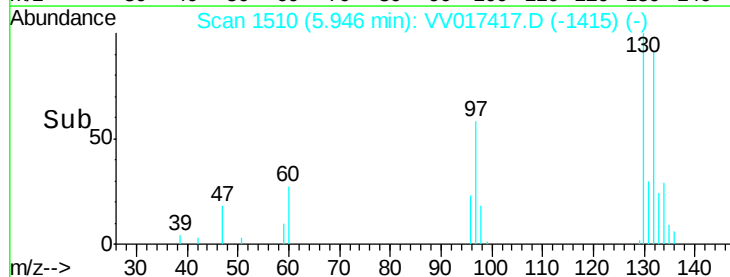
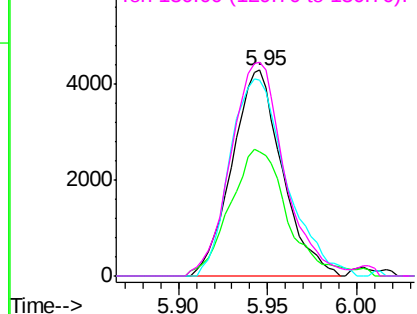
#34

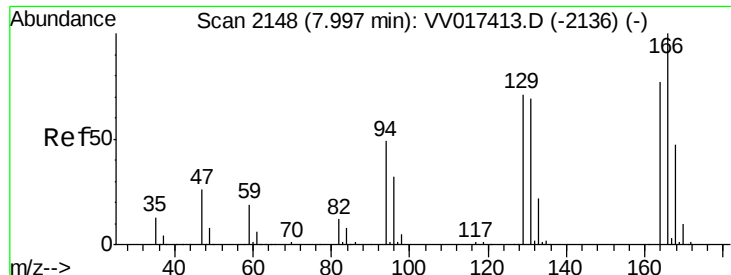
Trichloroethene
Concen: 4.192 ug/L
RT: 5.95 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VV017417.D
Acq: 09 Jul 2020 23:00

Tgt Ion: 95 Resp: 8412
Ion Ratio Lower Upper
95 100
97 60.4 45.6 84.6
132 94.8 74.1 137.5
130 103.7 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: 4.937 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. 0.01 min

Lab File: VV017417.D

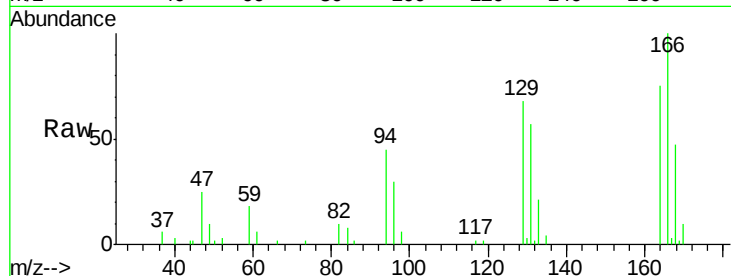
Acq: 09 Jul 2020 23:00

Instrument :

MSVOA_V

ClientSampleId :

F4A24



Tot Ion:164 Resp: 8319

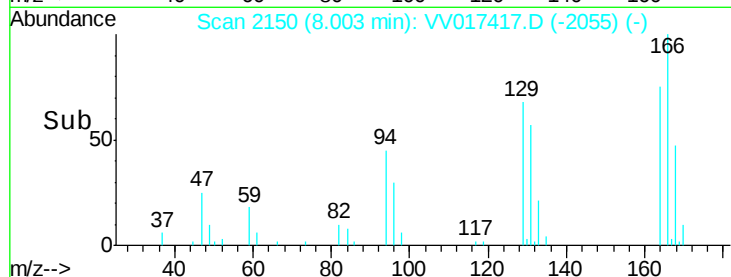
Ion Ratio Lower Upper

164 100

129 91.1 66.6 123.8

131 75.7 65.5 121.7

166 133.6 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

