

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042520\
 Data File : VV015703.D
 Acq On : 25 Apr 2020 19:00
 Operator : SY/MD
 Sample : L2413-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKL8

Quant Time: Apr 27 03:27:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Apr 27 01:12:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	124528	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	120527	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	56536	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26309	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.58	69	28098	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.12	63	45262	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	3.91	46	103226	49.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.80%
24) Chloroform-d	4.38	84	72215	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.06	65	41287	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.08	84	136452	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.09	67	43063	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.34	98	121851	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	7.65	79	11519	3.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.80%
46) 2-Hexanone-d5	8.11	63	73567	42.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.88%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31168	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	47505	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

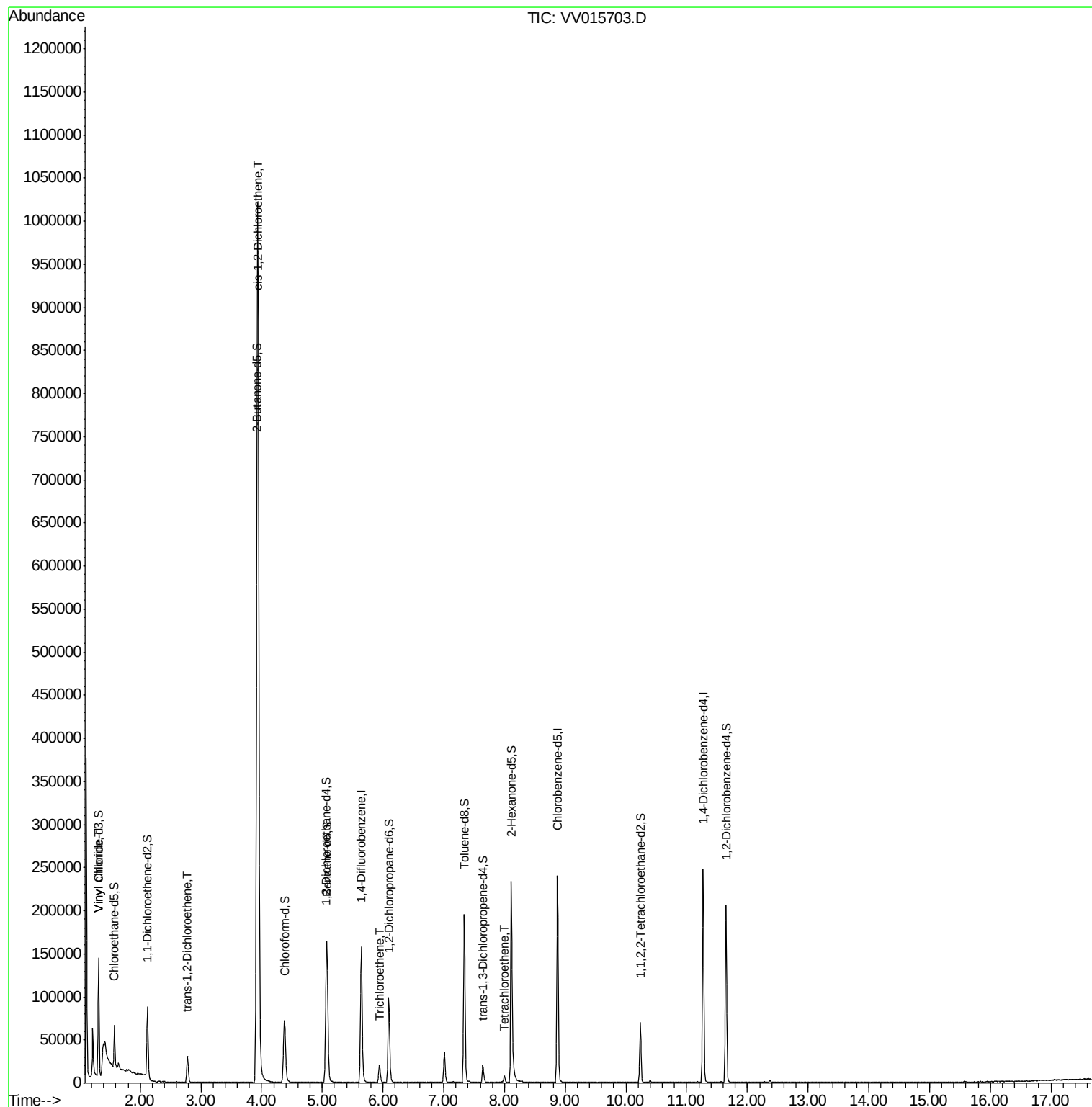
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	44938	4.560	ug/L	94
18) trans-1,2-Dichloroethene	2.78	96	10762	1.326	ug/L	96
22) cis-1,2-Dichloroethene	3.94	96	523274	58.318	ug/L	96
34) Trichloroethene	5.94	95	6924	0.728	ug/L	93
47) Tetrachloroethene	8.00	164	1650	0.241	ug/L	94

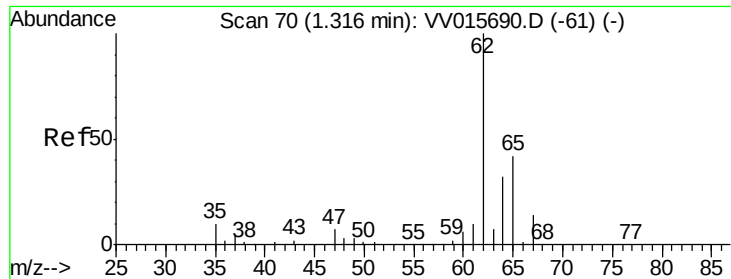
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 27 01:12:28 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.560 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015703.D

Acq: 25 Apr 2020 19:00

Instrument :

MSVOA_V

ClientSampled :

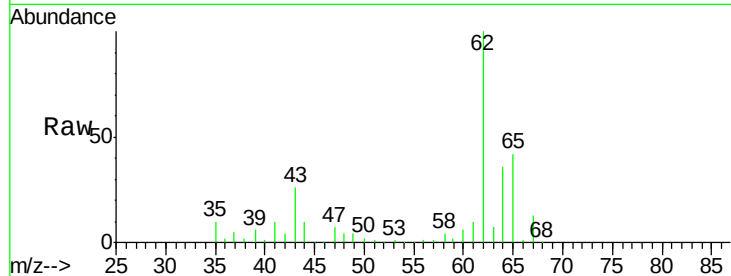
ETKL8

Tot Ion: 62 Resp: 44938

Ion Ratio Lower Upper

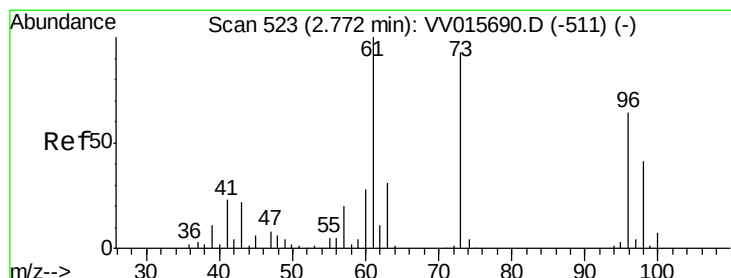
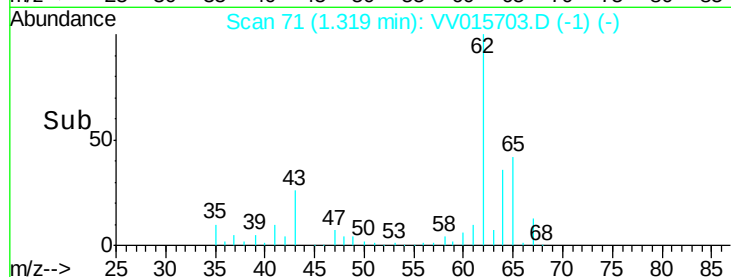
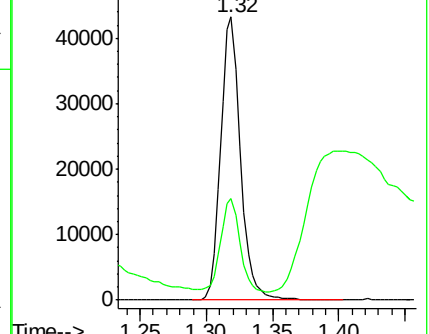
62 100

64 35.8 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#18

trans-1,2-Dichloroethene

Concen: 1.326 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV015703.D

Acq: 25 Apr 2020 19:00

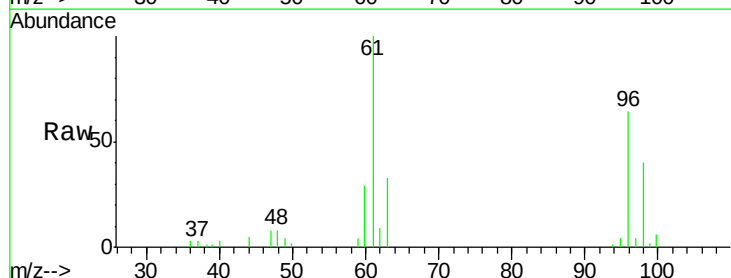
Tgt Ion: 96 Resp: 10762

Ion Ratio Lower Upper

96 100

61 156.8 105.5 195.9

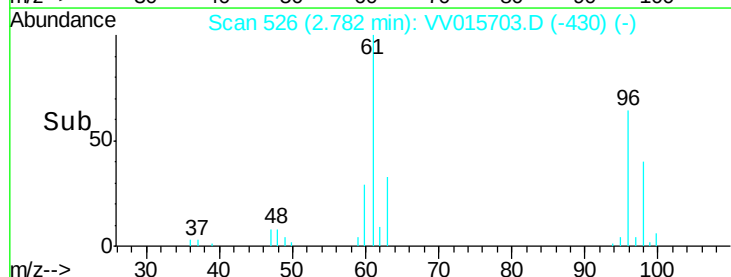
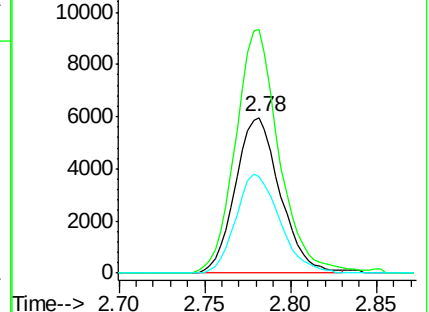
98 62.1 44.2 82.0

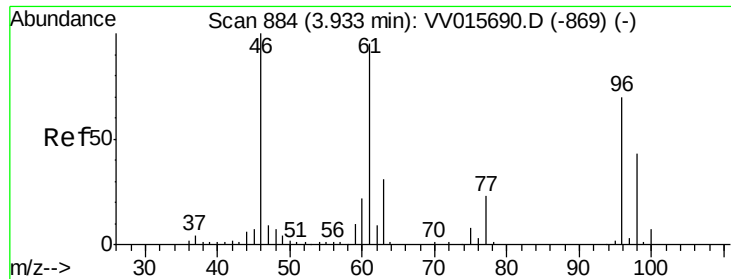


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



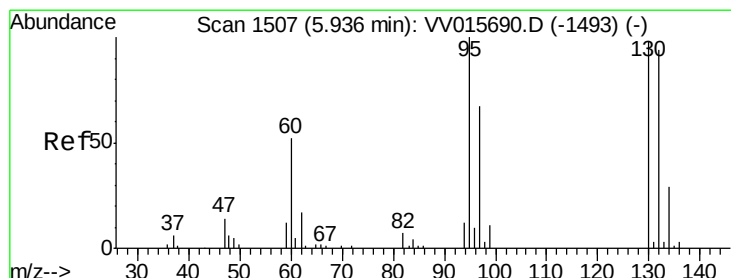
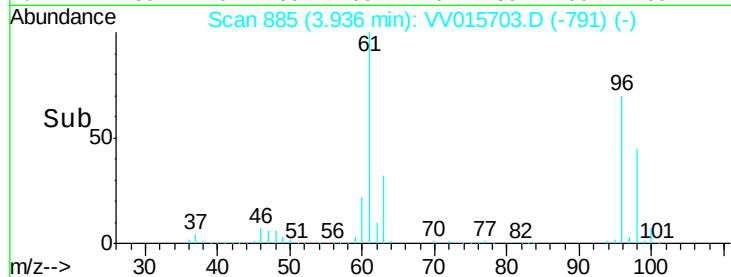
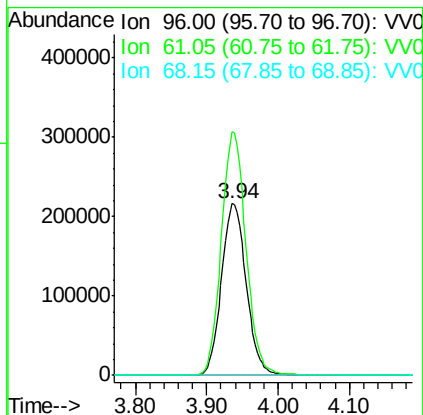
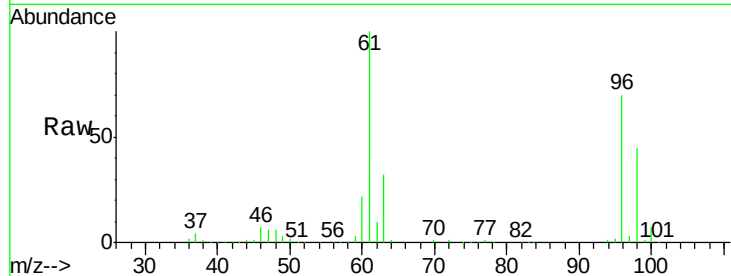


#22

cis-1,2-Dichloroethene
Concen: 58.318 ug/L
RT: 3.94 min Scan# 885
Delta R.T. 0.00 min
Lab File: VV015703.D
Acq: 25 Apr 2020 19:00

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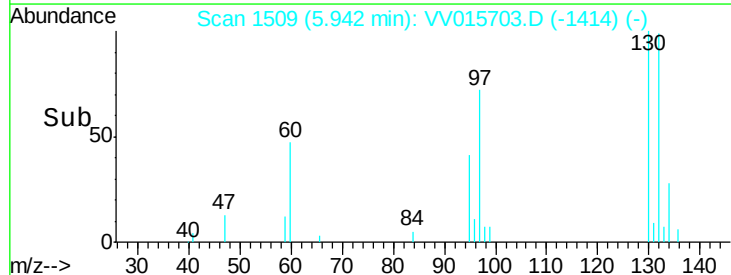
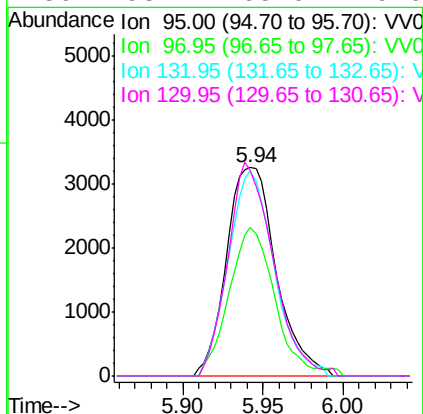
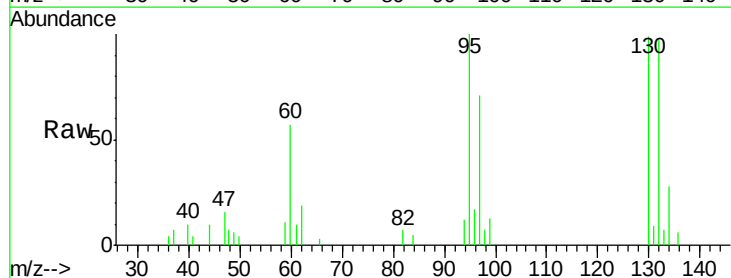
Tot Ion: 96 Resp: 523274
Ion Ratio Lower Upper
96 100
61 141.9 96.4 179.0
68 0.0 0.0 0.0

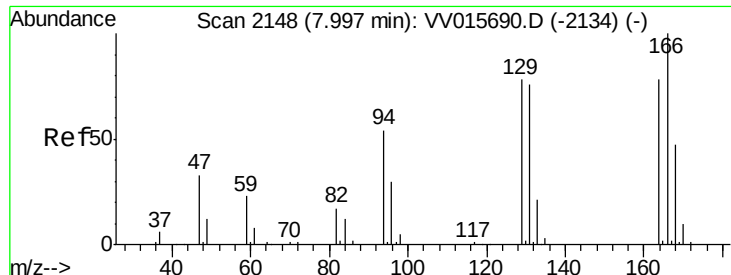


#34

Trichloroethene
Concen: 0.728 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV015703.D
Acq: 25 Apr 2020 19:00

Tgt Ion: 95 Resp: 6924
Ion Ratio Lower Upper
95 100
97 71.3 44.7 82.9
132 98.1 65.2 121.0
130 98.7 65.0 120.6





#47

Tetrachloroethene

Concen: 0.241 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV015703.D

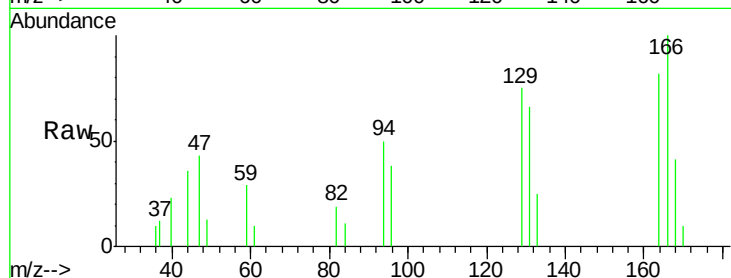
Acq: 25 Apr 2020 19:00

Instrument :

MSVOA_V

ClientSampleId :

ETKL8



Tot Ion:164 Resp: 1650

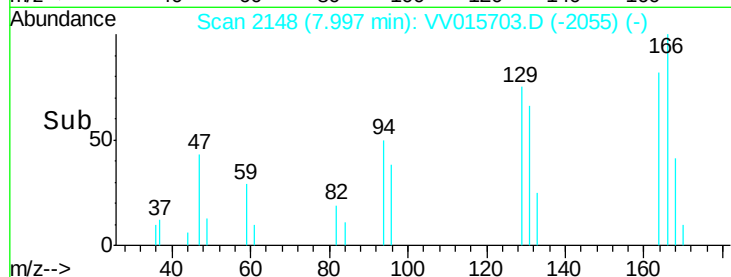
Ion Ratio Lower Upper

164 100

129 91.0 66.7 123.9

131 80.3 66.6 123.6

166 121.3 85.3 158.5



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

