

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
 Data File : VV017870.D
 Acq On : 08 Aug 2020 21:42
 Operator : SY/MD
 Sample : L3608-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L57

Quant Time: Aug 10 06:31:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 10 05:09:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	216907	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	208682	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	106382	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	59599	53.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.40%
7) Chloroethane-d5	1.57	69	51380	53.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.98%
11) 1,1-Dichloroethene-d2	2.12	63	105022	39.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.04%
21) 2-Butanone-d5	3.91	46	69877	99.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.62%
24) Chloroform-d	4.37	84	145687	49.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.05	65	114287	53.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.10%
32) Benzene-d6	5.07	84	251933	52.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.56%
36) 1,2-Dichloropropane-d6	6.09	67	65281	53.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.86%
41) Toluene-d8	7.34	98	243972	50.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.74%
43) trans-1,3-Dichloropropene-	7.64	79	35002	44.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.98%
47) 2-Hexanone-d5	8.11	63	42111	95.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.16%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	93034	48.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	116914	53.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.82%

Target Compounds

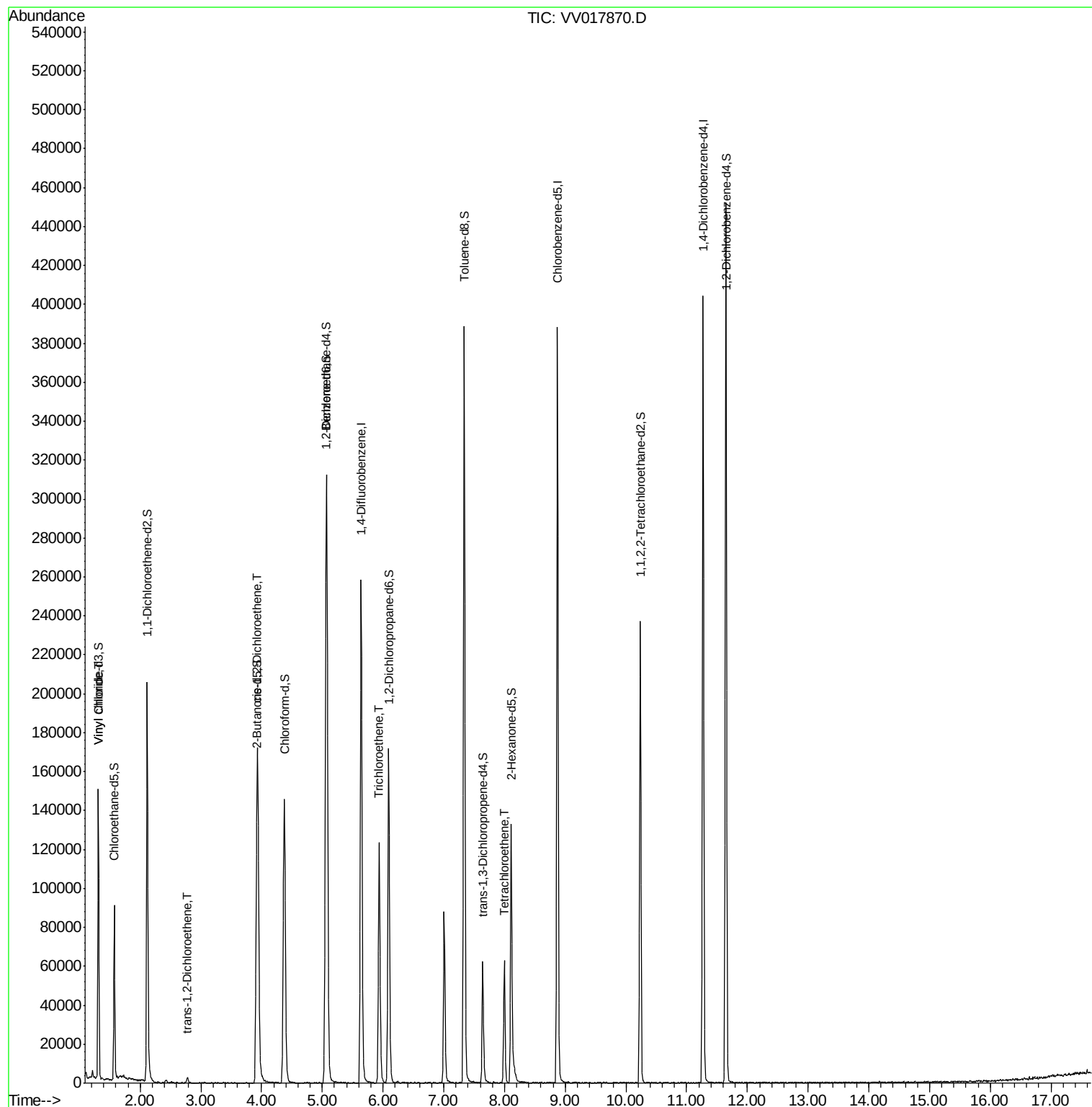
					Ovalue
5) Vinyl chloride	1.32	62	30403	23.989 ug/L	93
17) trans-1,2-Dichloroethene	2.78	96	942	0.722 ug/L #	85
20) cis-1,2-Dichloroethene	3.93	96	85308	60.560 ug/L	100
34) Trichloroethene	5.94	95	37976	25.471 ug/L	97
46) Tetrachloroethene	8.00	164	14292	10.170 ug/L	94

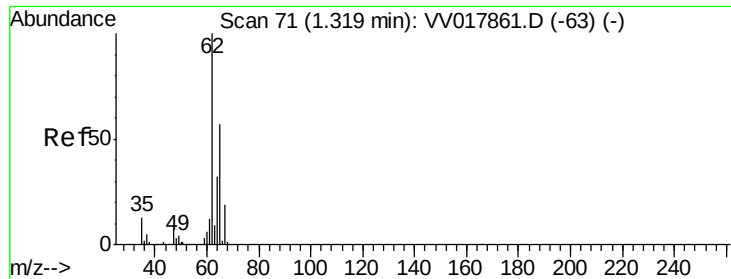
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 23.989 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV017870.D

Acq: 08 Aug 2020 21:42

Instrument :

MSVOA_V

ClientSampled :

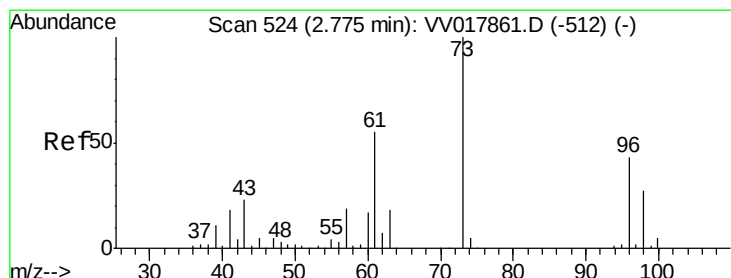
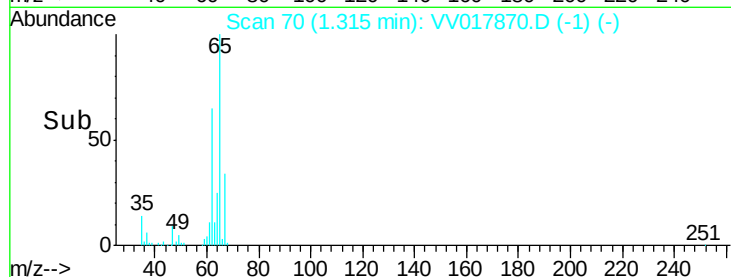
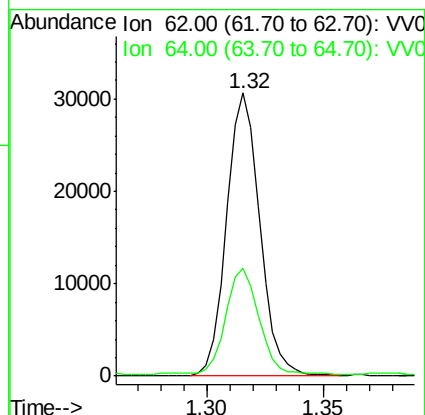
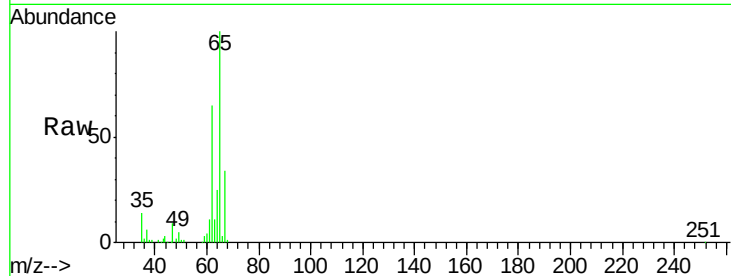
F2L57

Tot Ion: 62 Resp: 30403

Ion Ratio Lower Upper

62 100

64 38.1 24.0 44.6



#17

trans-1,2-Dichloroethene

Concen: 0.722 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV017870.D

Acq: 08 Aug 2020 21:42

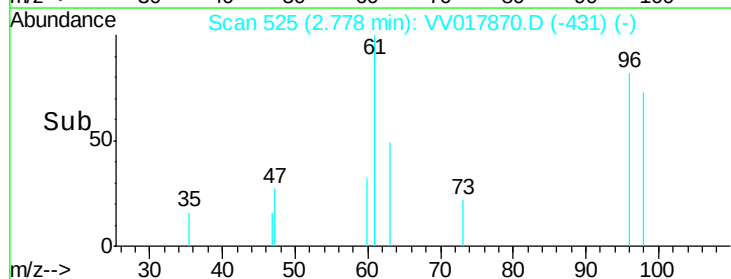
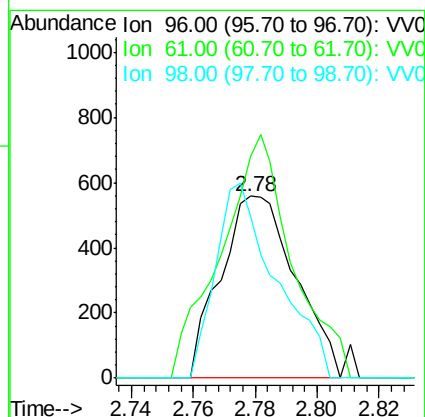
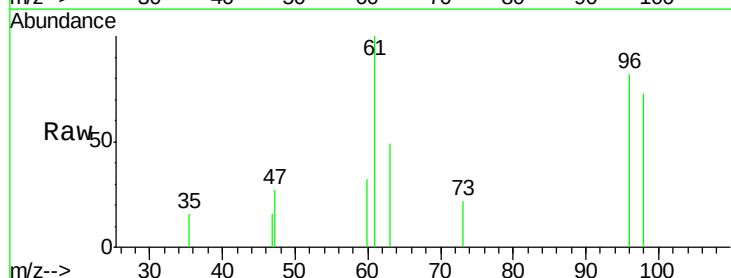
Tgt Ion: 96 Resp: 942

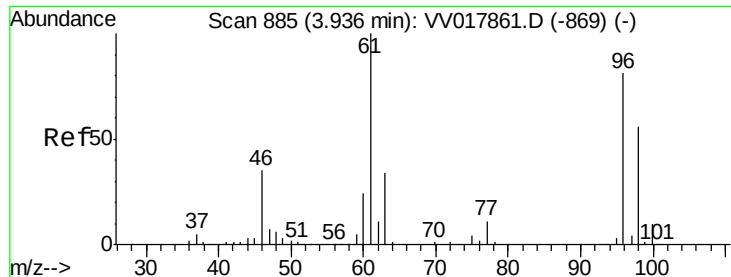
Ion Ratio Lower Upper

96 100

61 121.7 92.4 171.6

98 89.1 47.5 88.1#



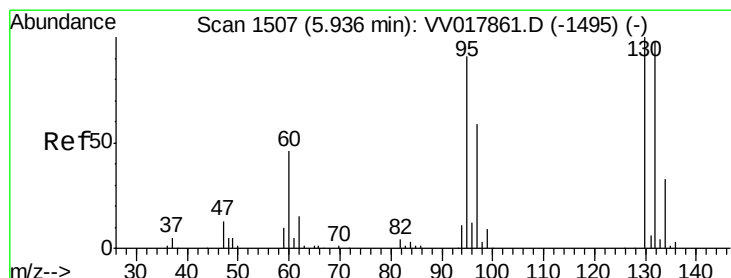
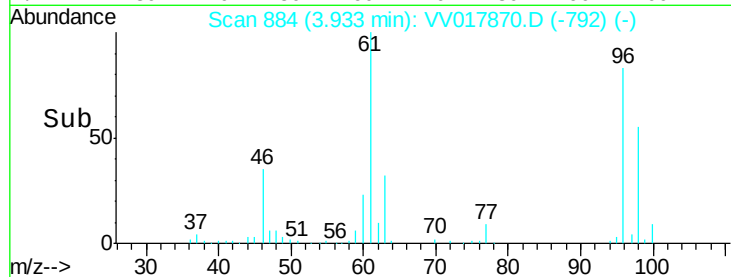
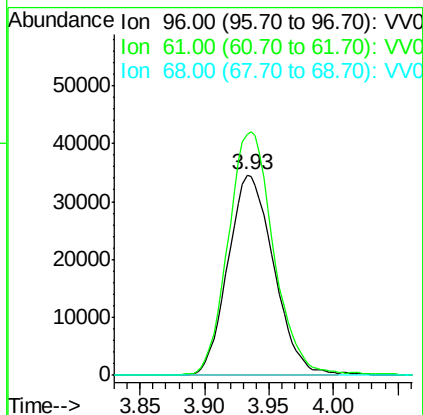
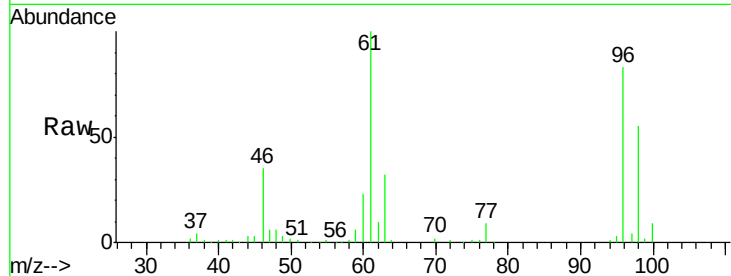


#20

cis-1,2-Dichloroethene
Concen: 60.560 ug/L
RT: 3.93 min Scan# 884
Delta R.T. -0.00 min
Lab File: VV017870.D
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Instrument :
MSVOA_V
ClientSampled :
F2L57

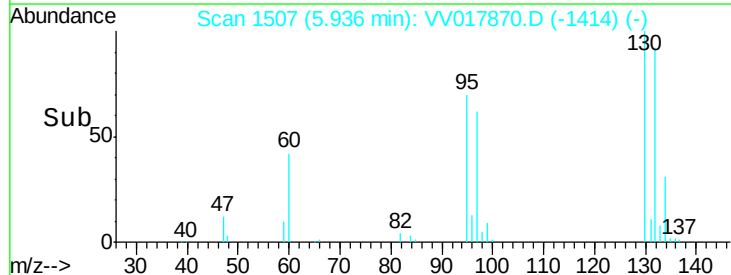
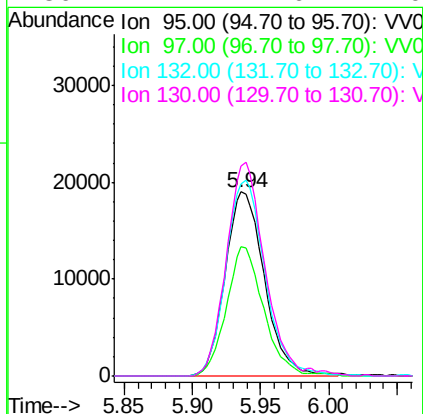
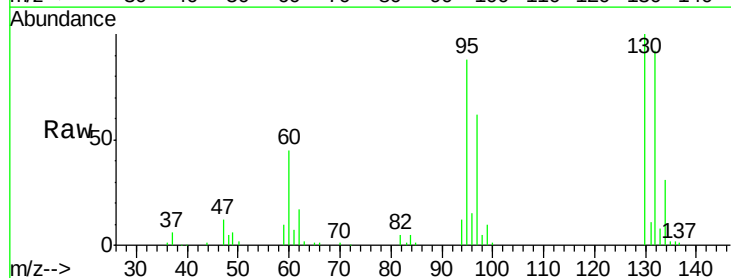
Tot Ion: 96 Resp: 85308
Ion Ratio Lower Upper
96 100
61 120.2 84.4 156.8
68 0.0 0.0 0.0

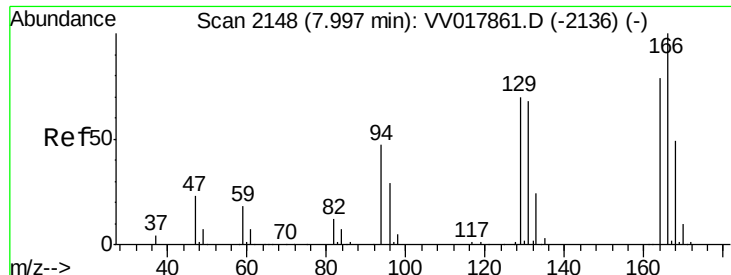


#34

Trichloroethene
Concen: 25.471 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. -0.00 min
Lab File: VV017870.D
Acq: 08 Aug 2020 21:42

Tgt Ion: 95 Resp: 37976
Ion Ratio Lower Upper
95 100
97 70.6 44.7 83.1
132 104.8 73.6 136.8
130 114.1 77.6 144.0





#46

Tetrachloroethene

Concen: 10.170 ug/L

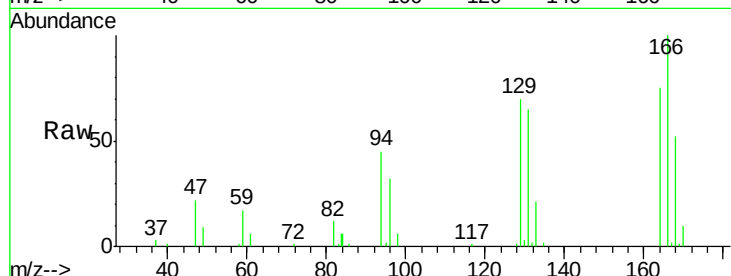
RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV017870.D

Acq: 08 Aug 2020 21:42

Instrument :
MSVOA_V
ClientSampleId :
F2L57



Tot Ion:164 Resp: 14292

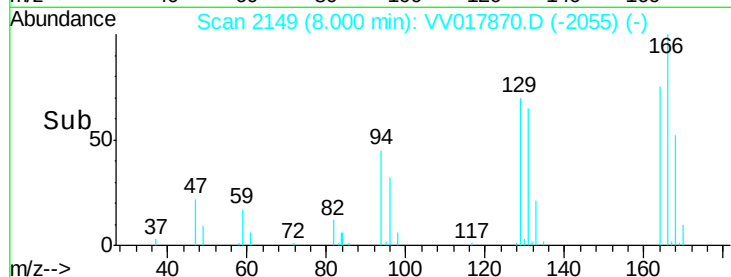
Ion Ratio Lower Upper

164 100

129 94.5 61.6 114.4

131 86.6 59.6 110.8

166 134.1 87.2 161.9



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

