

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042020\
 Data File : VV015583.D
 Acq On : 20 Apr 2020 16:04
 Operator : SY/MD
 Sample : L2333-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB7

Quant Time: Apr 21 02:53:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 21 00:05:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	99066	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	92697	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	45722	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	21793	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.58	69	21867	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.12	63	34086	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	3.95	46	80025	55.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.90%
24) Chloroform-d	4.38	84	53309	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.06	65	31456	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.07	84	100519	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.09	67	32567	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.34	98	89529	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	7.65	79	10980	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.11	63	64016	47.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.30%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	23292	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	34421	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

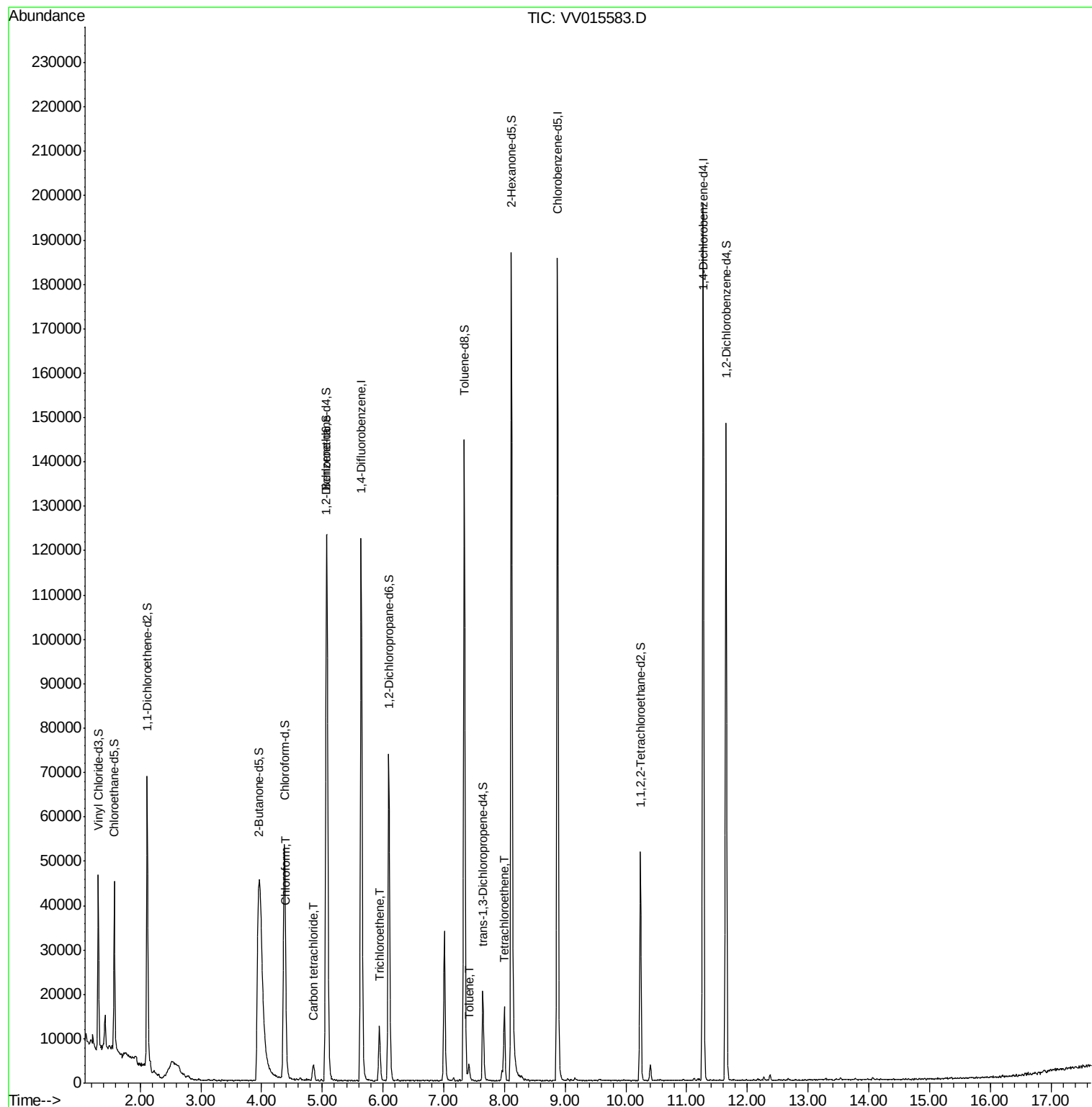
					Ovalue
25) Chloroform	4.41	83	2185	0.162 ug/L	94
31) Carbon tetrachloride	4.85	117	2666	0.255 ug/L	99
34) Trichloroethene	5.94	95	3963	0.531 ug/L	95
42) Toluene	7.41	91	2714	0.090 ug/L	89
47) Tetrachloroethene	8.00	164	3450	0.624 ug/L	96

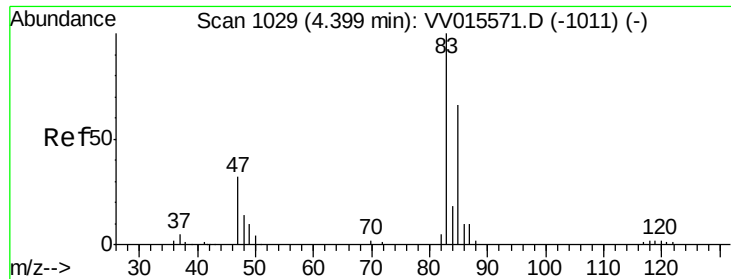
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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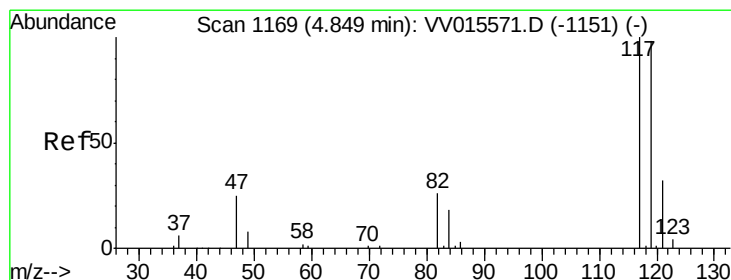
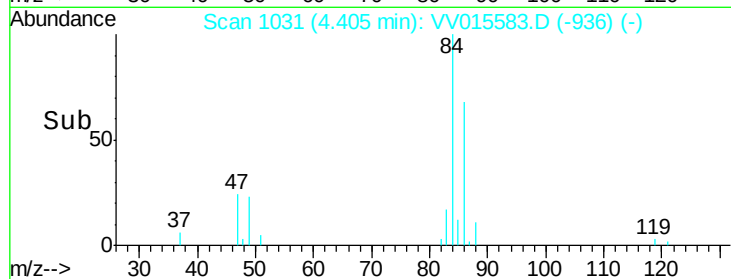
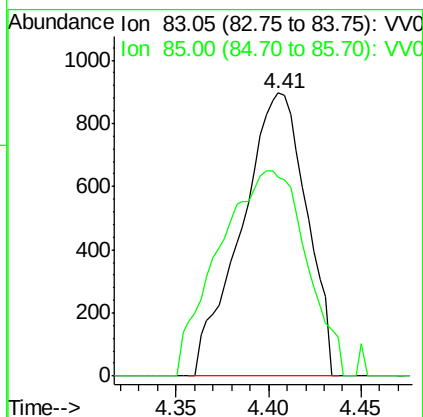
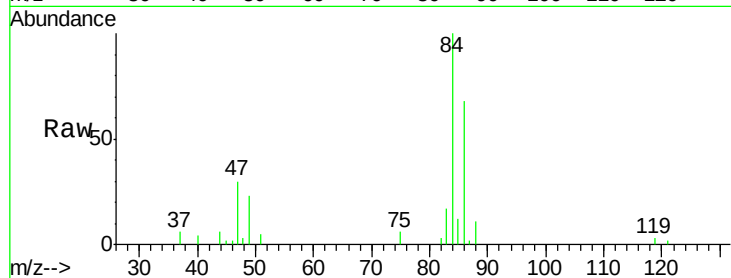




#25
Chloroform
Concen: 0.162 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015583.D
Acq: 20 Apr 2020 16:04

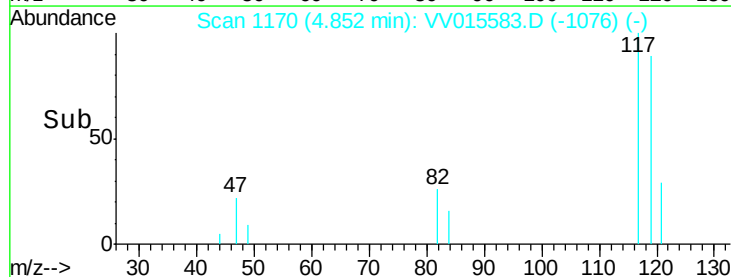
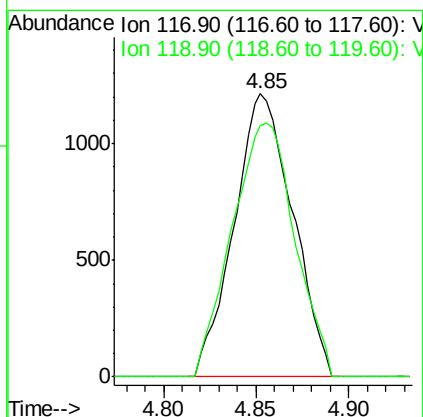
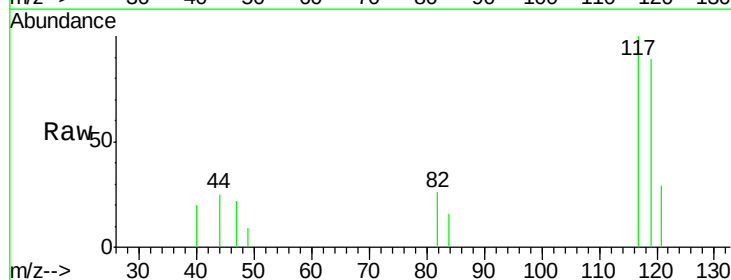
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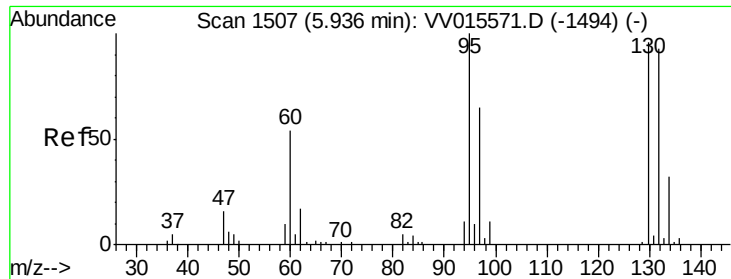
Tot Ion: 83 Resp: 2185
Ion Ratio Lower Upper
83 100
85 70.4 45.9 85.3



#31
Carbon tetrachloride
Concen: 0.255 ug/L
RT: 4.85 min Scan# 1170
Delta R.T. 0.00 min
Lab File: VV015583.D
Acq: 20 Apr 2020 16:04

Tgt Ion: 117 Resp: 2666
Ion Ratio Lower Upper
117 100
119 96.4 76.6 115.0

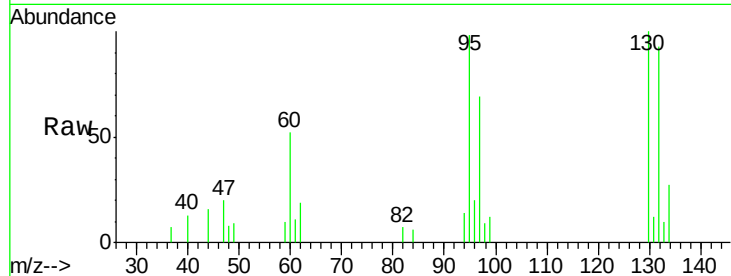




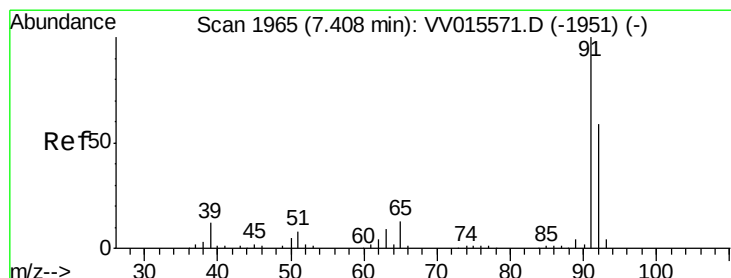
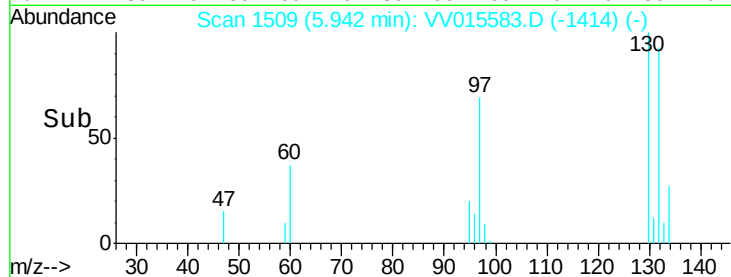
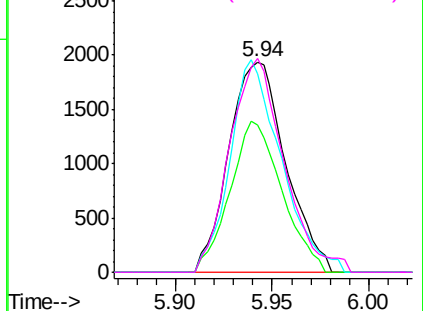
#34
 Trichloroethene
 Concen: 0.531 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV015583.D
 Acq: 20 Apr 2020 16:04

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB7

Tot Ion: 95 Resp: 3963
 Ion Ratio Lower Upper
 95 100
 97 70.0 45.4 84.4
 132 94.7 64.8 120.4
 130 101.7 67.4 125.2

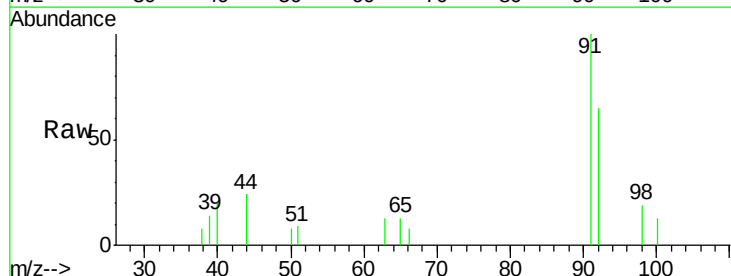


Abundance Ion 95.00 (94.70 to 95.70): VV015583.D (-1414) (-)
 Ion 96.95 (96.65 to 97.65): VV015583.D (-1414) (-)
 Ion 131.95 (131.65 to 132.65): VV015583.D (-1414) (-)
 Ion 129.95 (129.65 to 130.65): VV015583.D (-1414) (-)

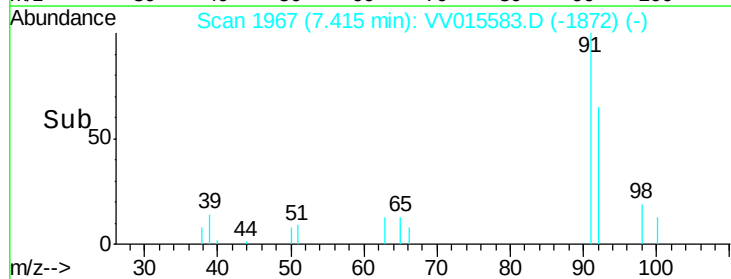
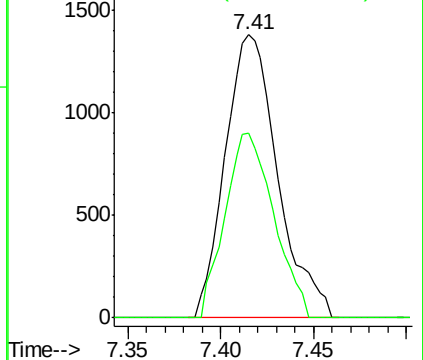


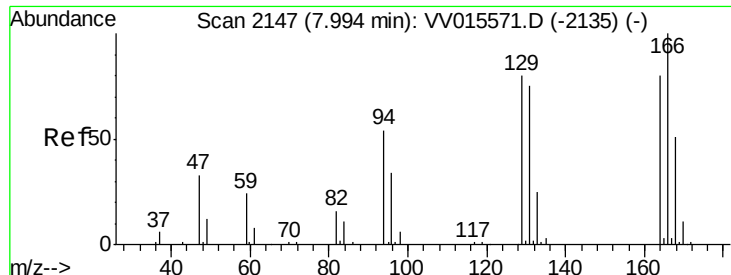
#42
 Toluene
 Concen: 0.090 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: VV015583.D
 Acq: 20 Apr 2020 16:04

Tgt Ion: 91 Resp: 2714
 Ion Ratio Lower Upper
 91 100
 92 65.2 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VV015583.D (-1872) (-)
 Ion 92.15 (91.85 to 92.85): VV015583.D (-1872) (-)





#47

Tetrachloroethene

Concen: 0.624 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV015583.D

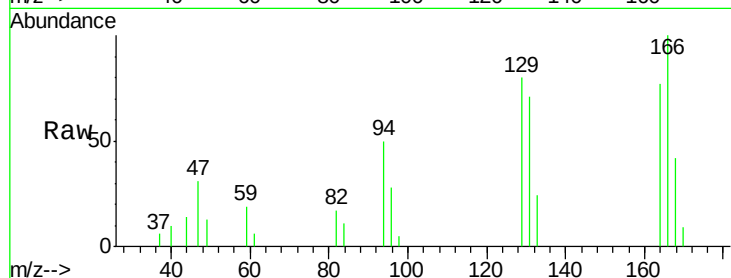
Acq: 20 Apr 2020 16:04

Instrument :

MSVOA_V

ClientSampleId :

C0AB7



Tot Ion:164 Resp: 3450

Ion Ratio Lower Upper

164 100

129 103.8 70.6 131.0

131 92.6 68.3 126.8

166 130.0 88.3 163.9

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

