

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042719\
 Data File : VV010522.D
 Acq On : 27 Apr 2019 02:14
 Operator : SY/MD
 Sample : K2592-03
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0XG8

Quant Time: Apr 27 04:20:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 27 03:37:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	234882	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	235405	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	107584	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57907	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.57	69	39178	6.41	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	128.20%
11) 1,1-Dichloroethene-d2	2.13	63	82425	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	3.94	46	147028	49.90	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.80%
24) Chloroform-d	4.40	84	150773	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.08	65	72817	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.10	84	298682	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.12	67	84076	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.36	98	270022	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	7.66	79	29938	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.13	63	128582	48.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	61167	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	120510	5.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.20%

Target Compounds

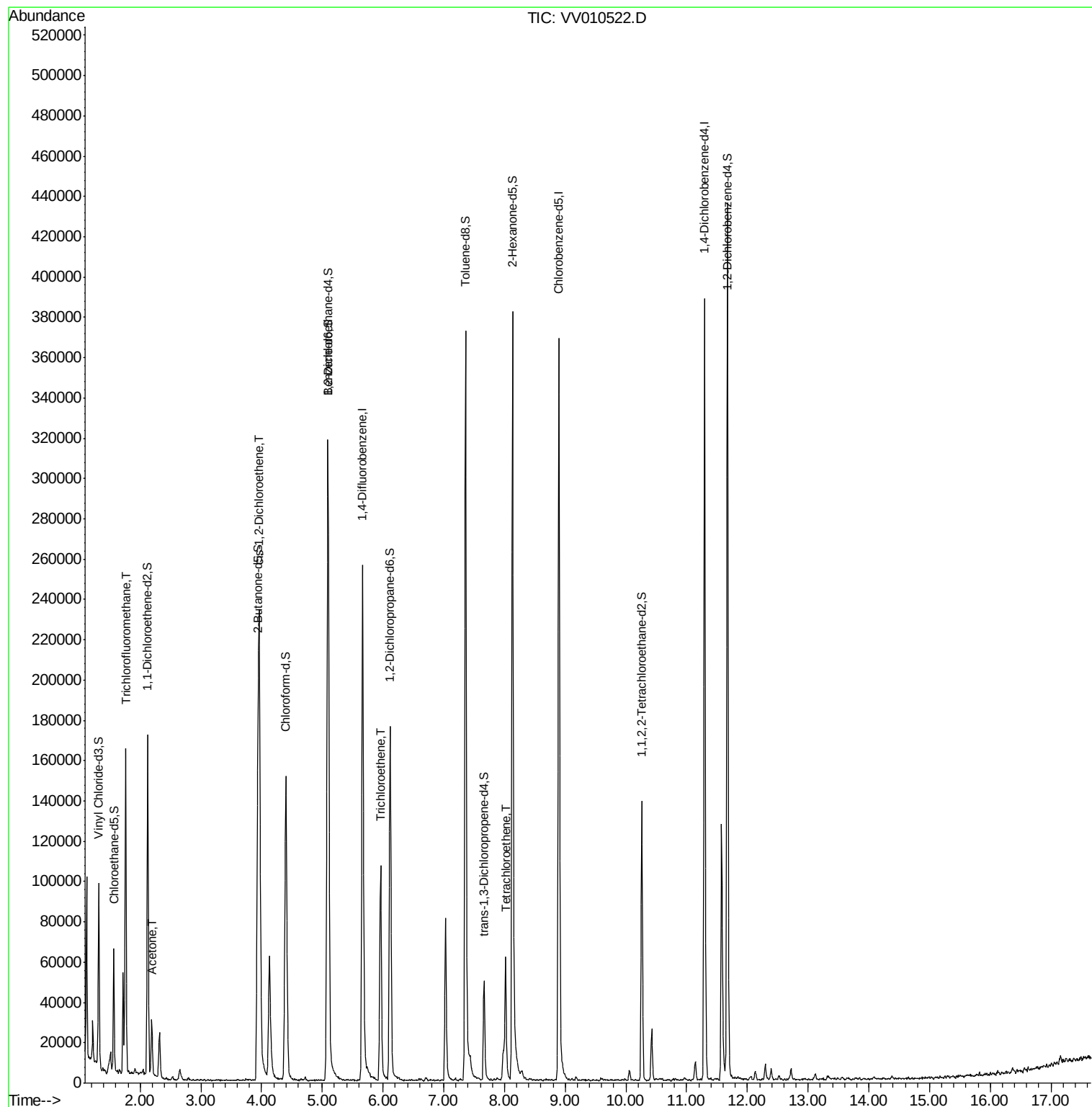
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.76	101	90578	3.534	ug/L	97
13) Acetone	2.19	43	27104	18.465	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	114435	6.543	ug/L	98
34) Trichloroethene	5.96	95	36494	2.059	ug/L	98
47) Tetrachloroethene	8.02	164	14501	0.876	ug/L	97

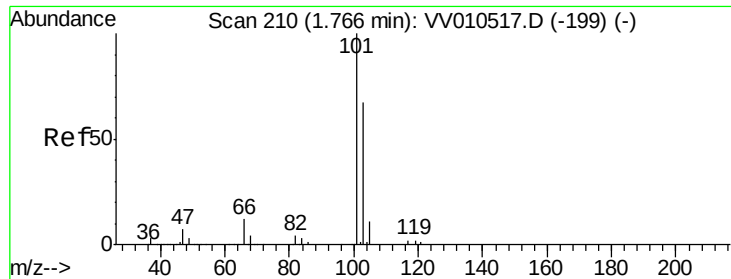
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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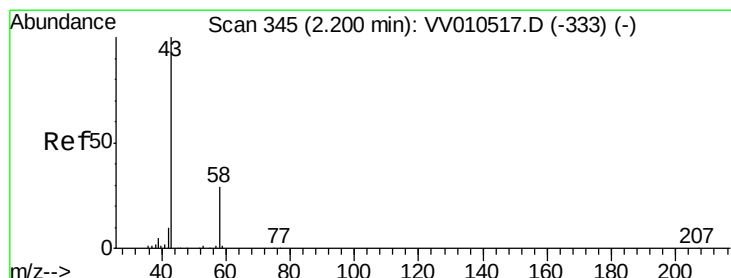
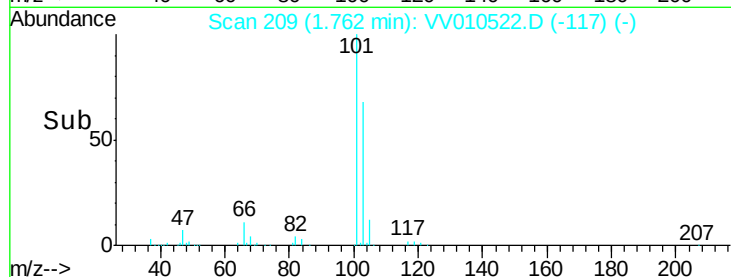
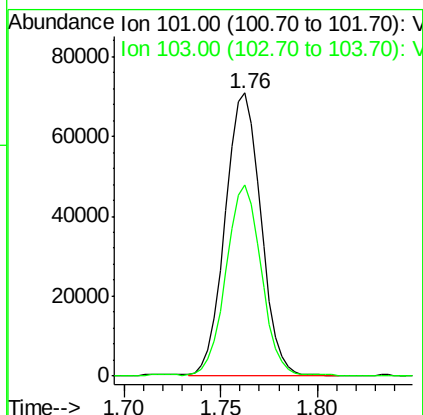
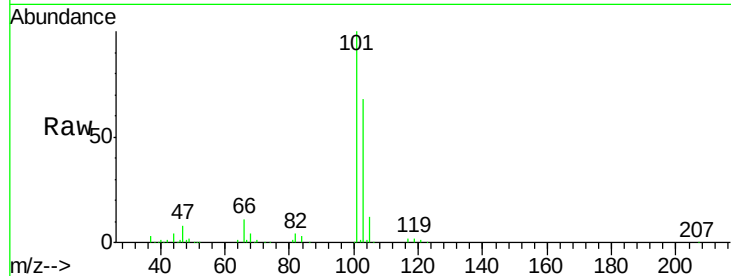


#9

Trichlorofluoromethane
 Concen: 3.534 ug/L
 RT: 1.76 min Scan# 209
 Delta R.T. -0.00 min
 Lab File: VV010522.D
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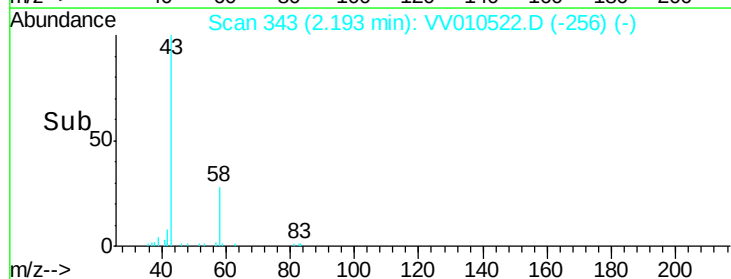
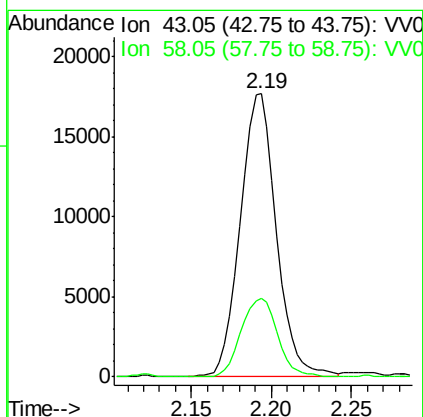
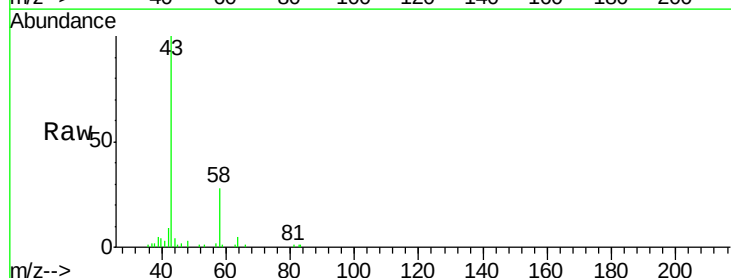
Tot Ion:101 Resp: 90578
 Ion Ratio Lower Upper
 101 100
 103 65.6 50.5 75.7

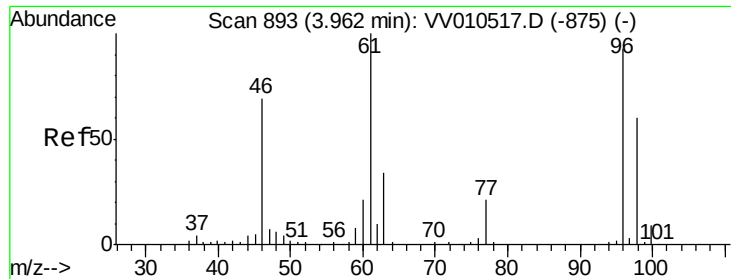


#13

Acetone
 Concen: 18.465 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. -0.02 min
 Lab File: VV010522.D
 Acq: 27 Apr 2019 02:14

Tgt Ion: 43 Resp: 27104
 Ion Ratio Lower Upper
 43 100
 58 27.9 0.0 57.4



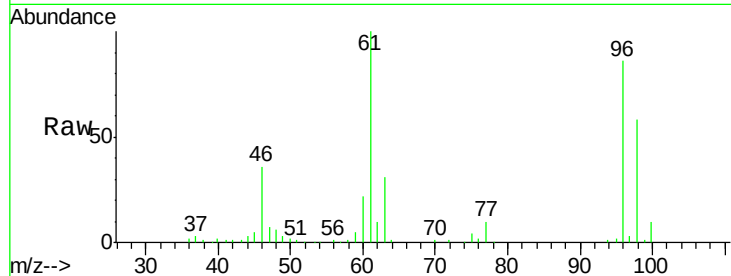


#22
 cis-1,2-Dichloroethene
 Concen: 6.543 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: VV010522.D
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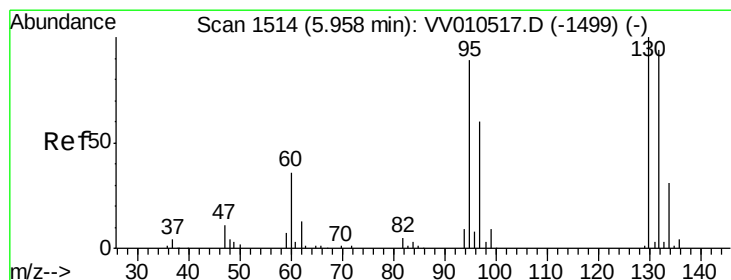
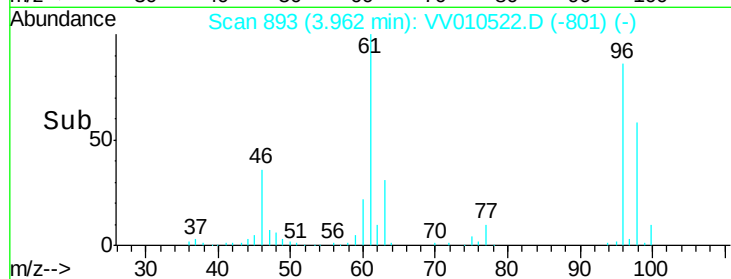
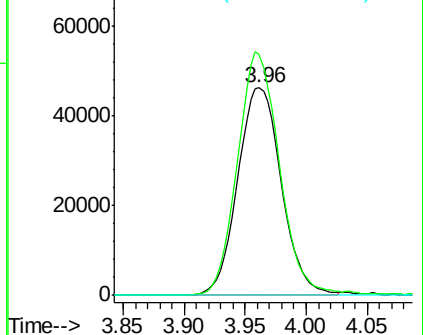
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Tot Ion: 96 Resp: 114435

Ion	Ratio	Lower	Upper
96	100		
61	116.2	79.9	148.3
68	0.0	0.0	0.0



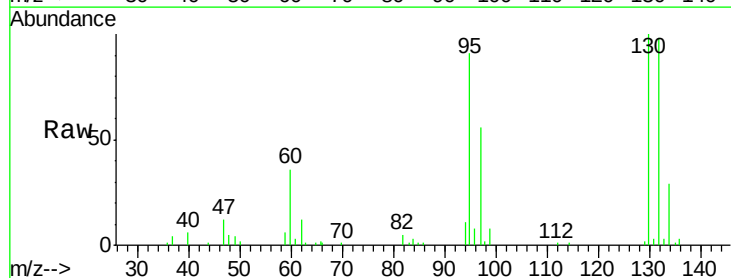
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



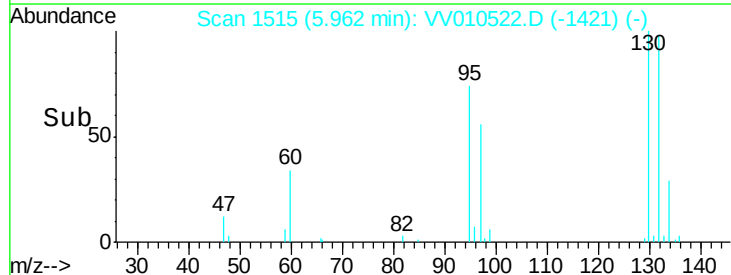
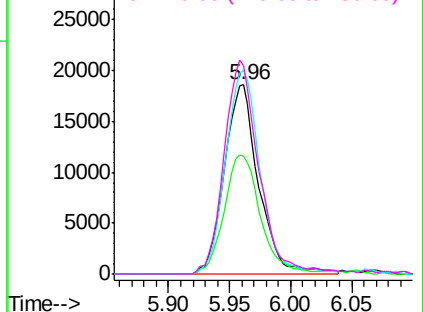
#34
 Trichloroethene
 Concen: 2.059 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV010522.D
 Acq: 27 Apr 2019 02:14

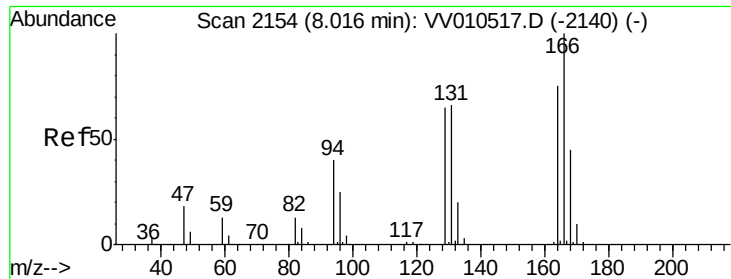
Tgt Ion: 95 Resp: 36494

Ion	Ratio	Lower	Upper
95	100		
97	62.2	43.3	80.5
132	107.5	74.1	137.5
130	110.1	79.5	147.6



Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0





#47

Tetrachloroethene

Concen: 0.876 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV010522.D

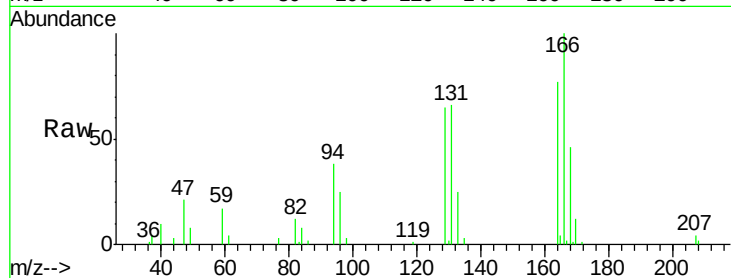
Acq: 27 Apr 2019 02:14

Instrument :

MSVOA_V

ClientSampleId :

C0XG8



Tot Ion:164 Resp: 14501

Ion Ratio Lower Upper

164 100

129 84.3 62.2 115.4

131 86.0 61.5 114.1

166 129.6 89.1 165.5

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

