

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042719\
 Data File : VV010535.D
 Acq On : 27 Apr 2019 07:44
 Operator : SY/MD
 Sample : K2586-13
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X55

Quant Time: Apr 29 02:37:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Apr 29 01:58:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	215630	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	217923	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	97945	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55742	5.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.20%
7) Chloroethane-d5	1.57	69	37180	6.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	132.40%#
11) 1,1-Dichloroethene-d2	2.13	63	77948	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	3.94	46	136178	50.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.68%
24) Chloroform-d	4.40	84	136742	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.08	65	71337	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	5.10	84	291395	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
36) 1,2-Dichloropropane-d6	6.12	67	80833	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.36	98	266426	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
43) trans-1,3-Dichloropropene-	7.66	79	25989	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.13	63	117483	47.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	61178	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	114619	6.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.40%#

Target Compounds

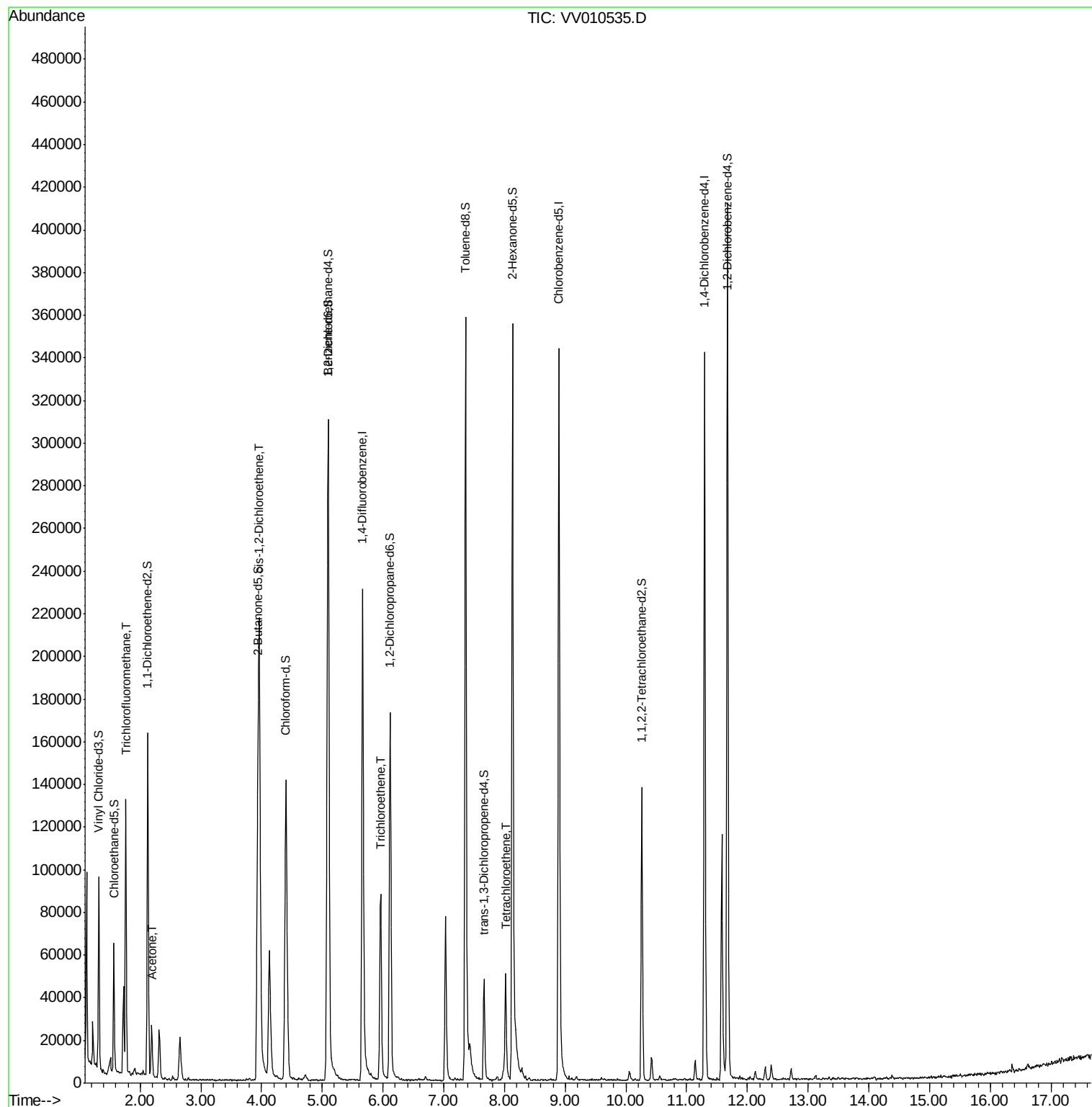
					Ovalue
9) Trichlorofluoromethane	1.76	101	73761	3.135	ug/L 98
13) Acetone	2.19	43	21318	15.820	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	104555	6.512	ug/L 96
34) Trichloroethene	5.96	95	30844	1.880	ug/L 98
47) Tetrachloroethene	8.02	164	12593	0.821	ug/L 93

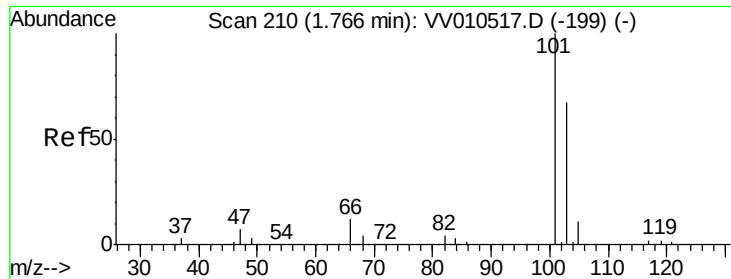
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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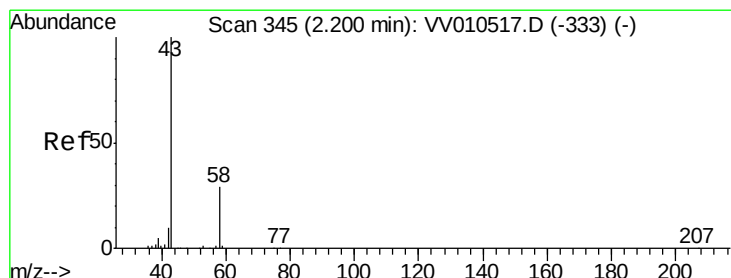
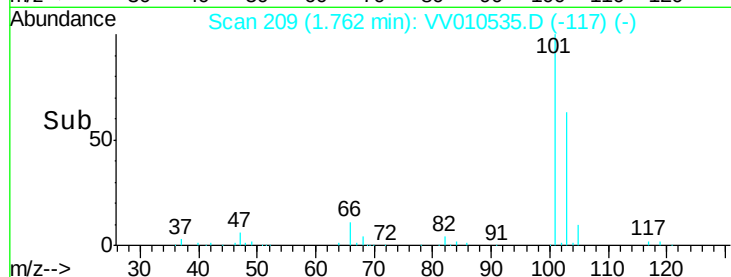
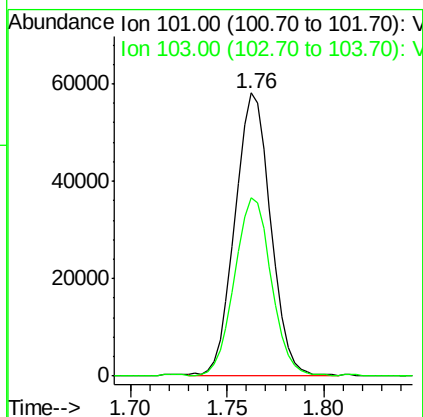
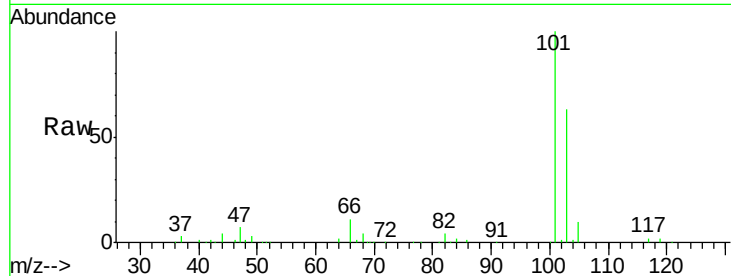


#9

Trichlorofluoromethane
 Concen: 3.135 ug/L
 RT: 1.76 min Scan# 209
 Delta R.T. -0.00 min
 Lab File: VV010535.D
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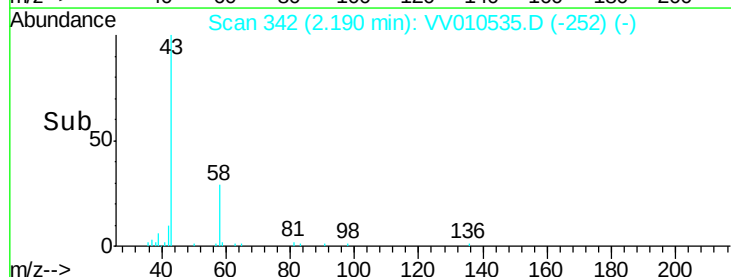
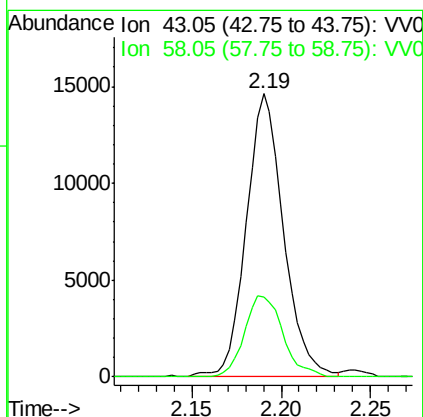
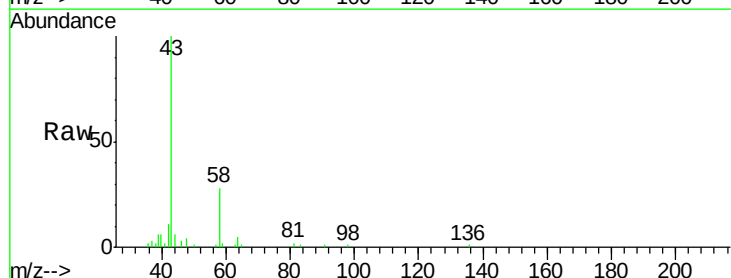
Tot Ion:101 Resp: 73761
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.5 75.7

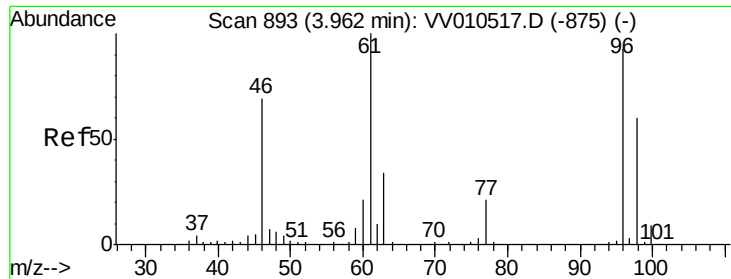


#13

Acetone
 Concen: 15.820 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. -0.01 min
 Lab File: VV010535.D
 Acq: 27 Apr 2019 07:44

Tgt Ion: 43 Resp: 21318
 Ion Ratio Lower Upper
 43 100
 58 29.6 0.0 57.4



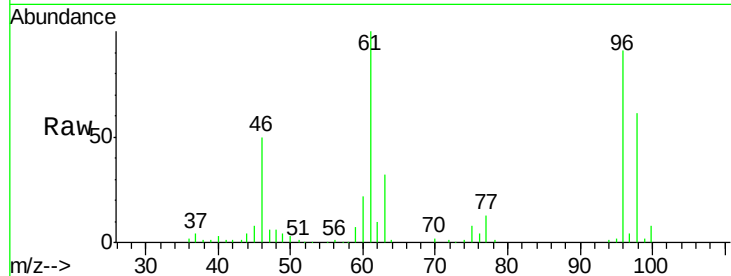


#22

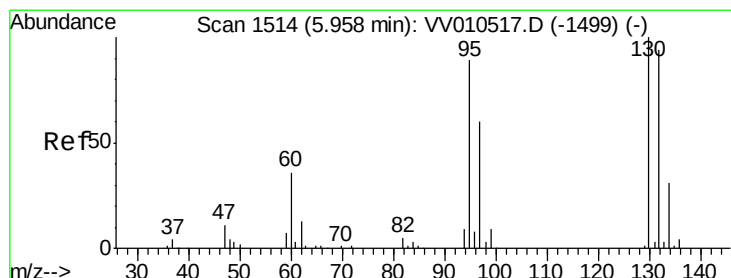
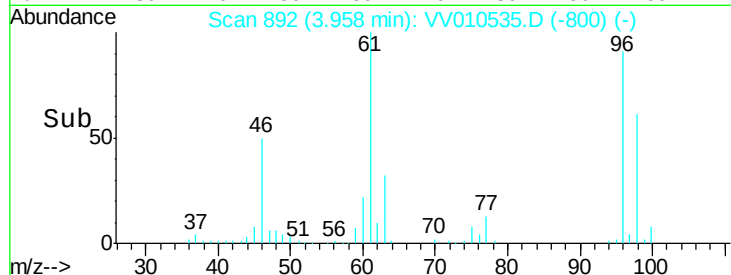
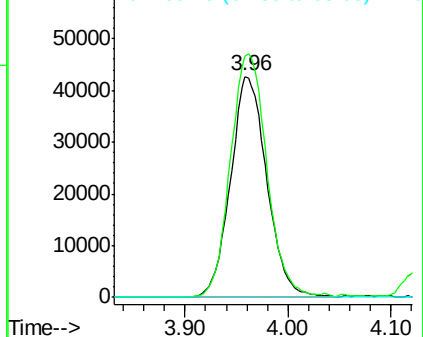
cis-1,2-Dichloroethene
Concen: 6.512 ug/L
RT: 3.96 min Scan# 892
Delta R.T. -0.00 min
Lab File: VV010535.D
Acq: 27 Apr 2019 07:44

Instrument :
MSVOA_V
ClientSampleId :
C0X55

Tot Ion: 96 Resp: 104555
Ion Ratio Lower Upper
96 100
61 109.4 79.9 148.3
68 0.0 0.0 0.0



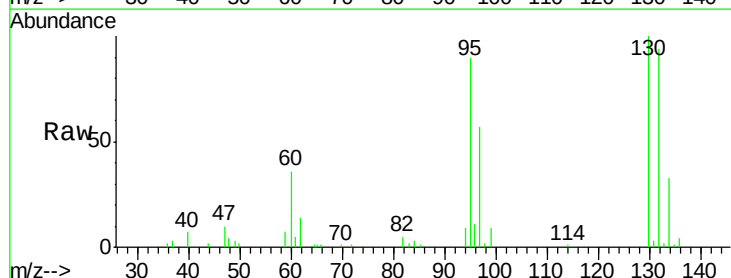
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



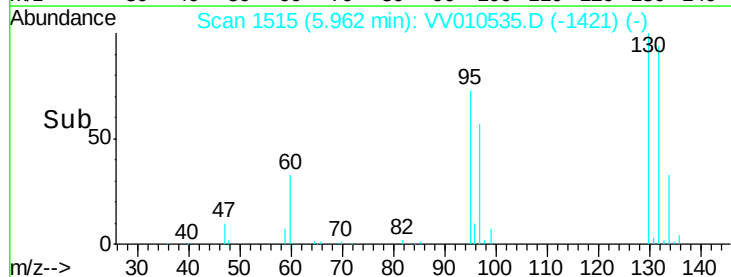
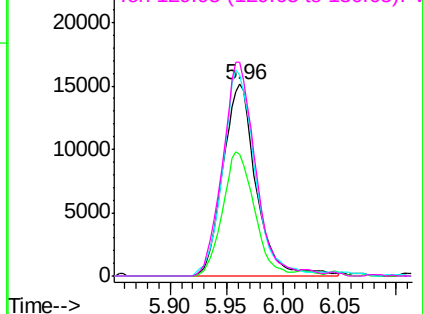
#34

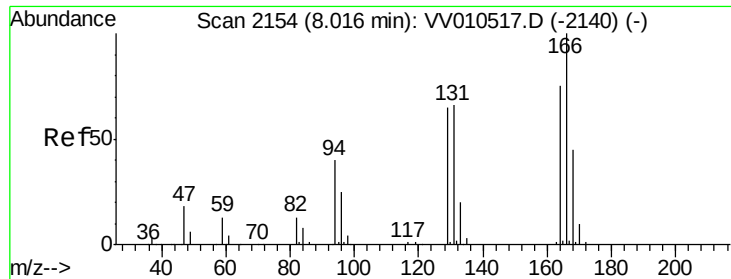
Trichloroethene
Concen: 1.880 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV010535.D
Acq: 27 Apr 2019 07:44

Tgt Ion: 95 Resp: 30844
Ion Ratio Lower Upper
95 100
97 63.4 43.3 80.5
132 104.5 74.1 137.5
130 111.3 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: 0.821 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV010535.D

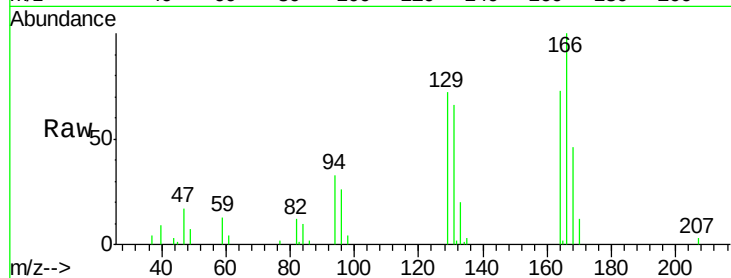
Acq: 27 Apr 2019 07:44

Instrument :

MSVOA_V

ClientSampleId :

C0X55



Tot Ion:164 Resp: 12593

Ion Ratio Lower Upper

164 100

129 98.6 62.2 115.4

131 90.2 61.5 114.1

166 136.8 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

