

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030931.D
 Acq On : 09 Apr 2019 01:49
 Operator : JC/SP
 Sample : K2248-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YD3

Quant Time: Apr 09 04:31:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 09 03:34:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	220670	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	229729	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	89294	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	90679	5.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.60%
7) Chloroethane-d5	1.68	69	82686	6.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	121.60%
11) 1,1-Dichloroethene-d2	2.27	63	141804	4.11	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.20%
20) 2-Butanone-d5	4.19	46	317211	73.00	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	146.00%#
24) Chloroform-d	4.64	84	156537	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
26) 1,2-Dichloroethane-d4	5.31	65	98432	6.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	129.80%
32) Benzene-d6	5.33	84	314505	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.33	67	109247	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.56	98	246325	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	7.85	79	36616	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.31	63	186737	56.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	93097	6.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	128.20%#
64) 1,2-Dichlorobenzene-d4	11.86	152	88928	5.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.00%

Target Compounds

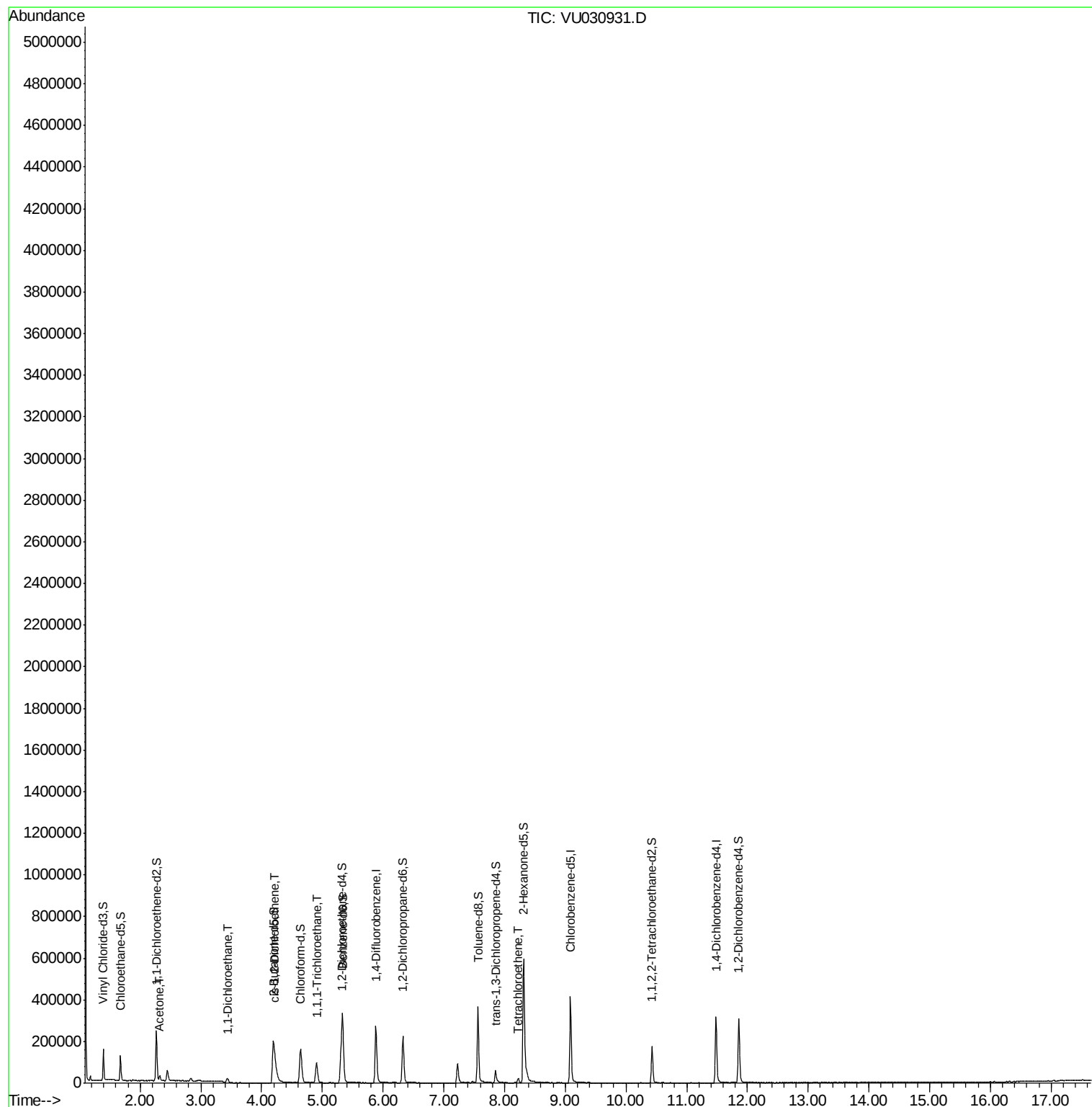
					Ovalue
13) Acetone	2.32	43	25059	7.459 ug/L	95
19) 1,1-Dichloroethane	3.43	63	20079	0.558 ug/L	96
22) cis-1,2-Dichloroethene	4.22	96	26330	1.453 ug/L	95
29) 1,1,1-Trichloroethane	4.91	97	75271	2.572 ug/L	97
47) Tetrachloroethene	8.22	164	5285	0.387 ug/L	92

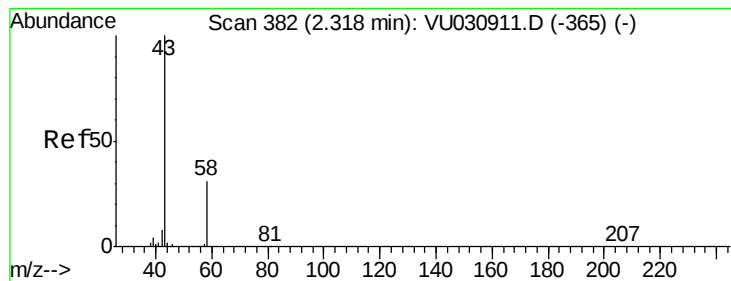
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 09 03:34:38 2019
Response via : Initial Calibration





#13

Acetone

Concen: 7.459 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.04 min

Lab File: VU030931.D

Acq: 09 Apr 2019 01:49

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MSVOA_U

ClientSampleId :

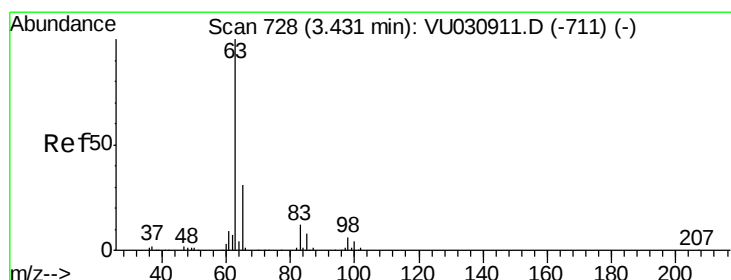
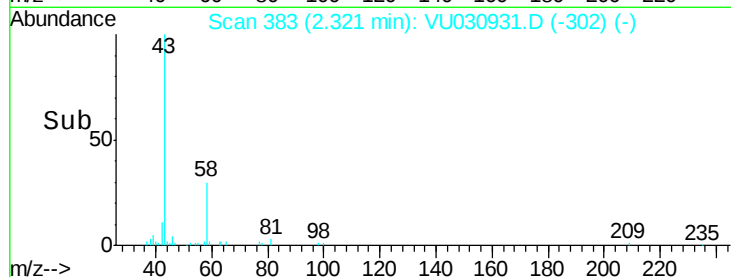
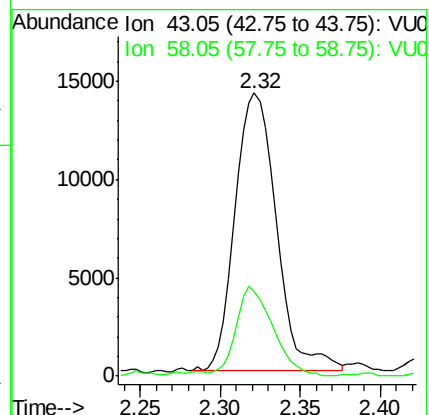
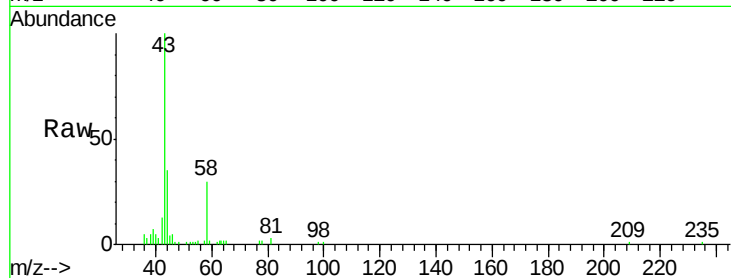
E3YD3

Tot Ion: 43 Resp: 25059

Ion Ratio Lower Upper

43 100

58 28.7 0.0 62.8



#19

1,1-Dichloroethane

Concen: 0.558 ug/L

RT: 3.43 min Scan# 729

Delta R.T. -0.01 min

Lab File: VU030931.D

Acq: 09 Apr 2019 01:49

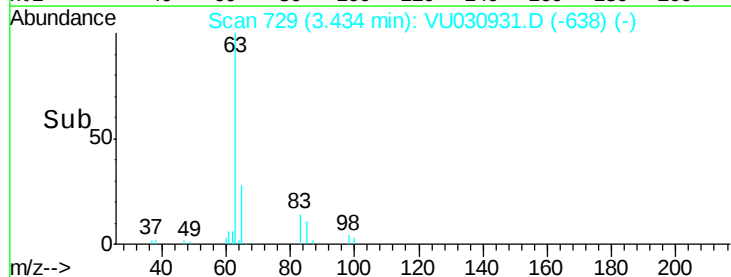
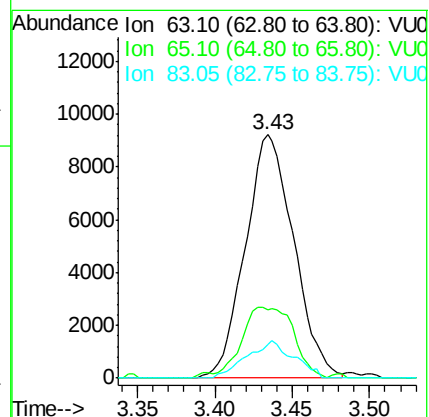
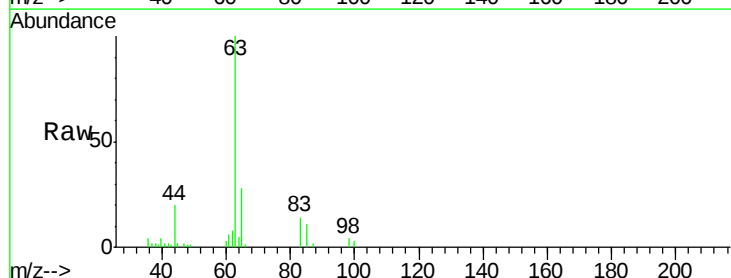
Tgt Ion: 63 Resp: 20079

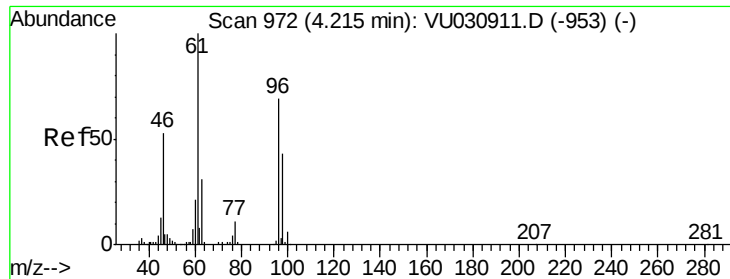
Ion Ratio Lower Upper

63 100

65 28.2 21.6 40.0

83 13.9 9.1 16.9



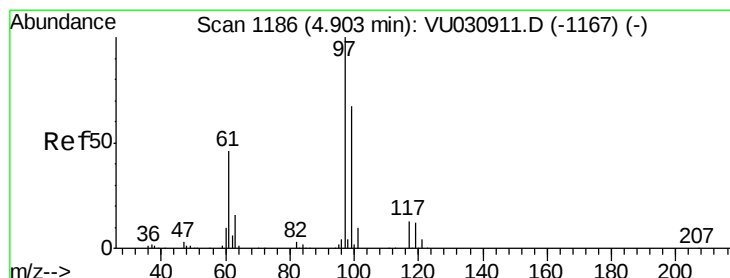
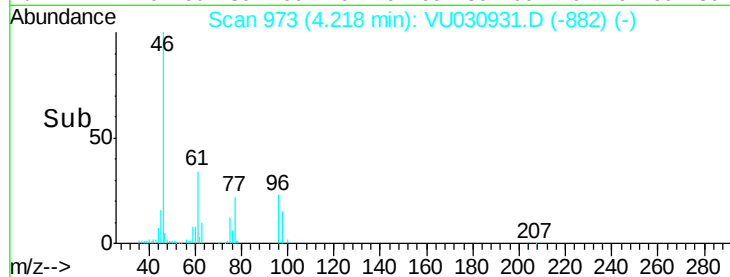
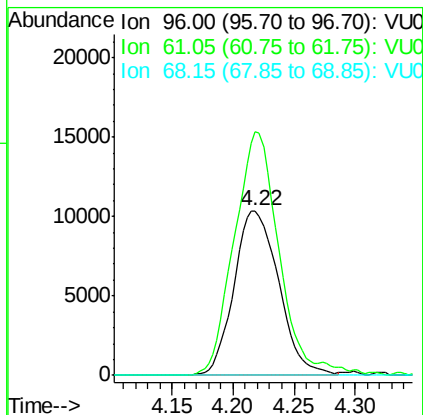
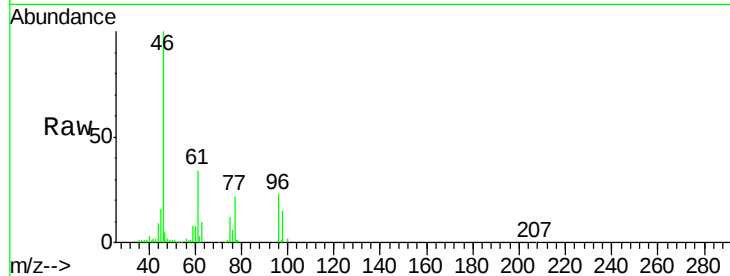


#22

cis-1,2-Dichloroethene
 Concen: 1.453 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: VU030931.D
 Acq: 09 Apr 2019 01:49

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YD3

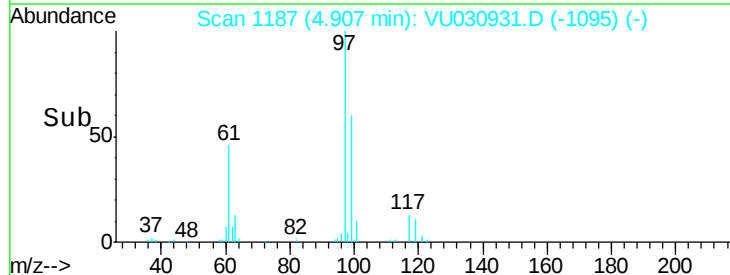
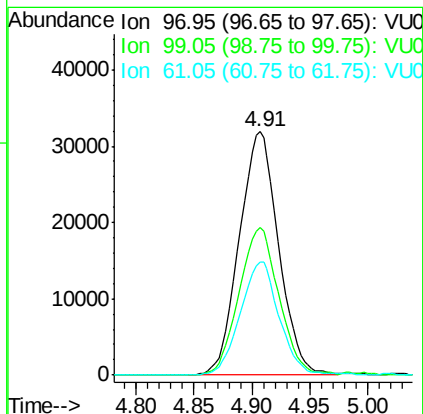
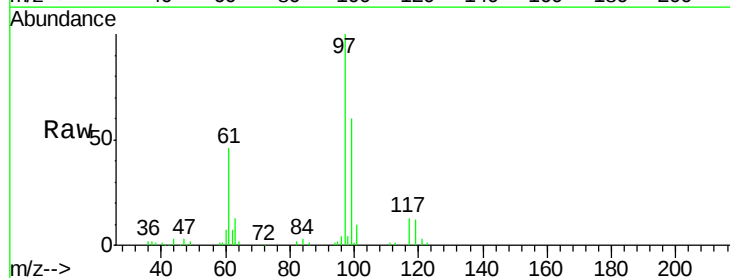
Tot Ion	Ratio	Lower	Upper
96	100		
61	147.7	98.9	183.7
68	0.0	0.0	0.0

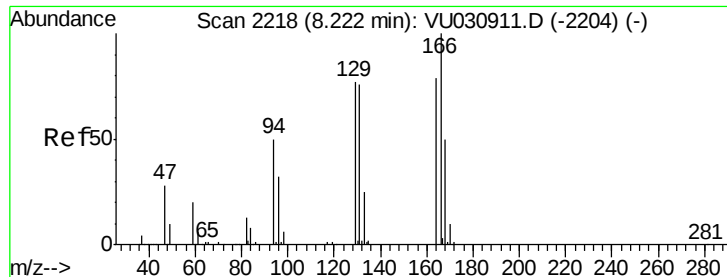


#29

1,1,1-Trichloroethane
 Concen: 2.572 ug/L
 RT: 4.91 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: VU030931.D
 Acq: 09 Apr 2019 01:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.6	51.8	77.6
61	46.0	38.1	57.1





#47

Tetrachloroethene

Concen: 0.387 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030931.D

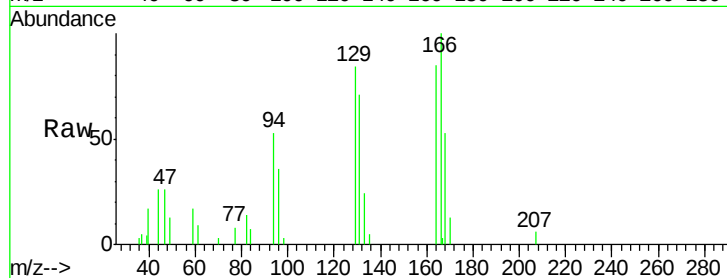
Acq: 09 Apr 2019 01:49

Instrument :

MSVOA_U

ClientSampleId :

E3YD3



Tot Ion:164 Resp: 5285

Ion Ratio Lower Upper

164 100

129 98.0 70.1 130.1

131 82.6 67.8 125.8

166 117.0 87.9 163.3

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

