

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092818\
 Data File : VV007977.D
 Acq On : 29 Sep 2018 02:18
 Operator : SY/MD
 Sample : J5159-01
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAC87

Quant Time: Oct 01 06:37:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 01 04:55:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	89840	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	85414	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41278	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17648	3.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.20%
7) Chloroethane-d5	1.59	69	17819	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.14	63	30026	2.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.20%#
20) 2-Butanone-d5	3.97	46	66842	46.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.28%
24) Chloroform-d	4.41	84	47562	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.09	65	26232	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	5.10	84	89913	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.13	67	29458	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.36	98	82459	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	7.67	79	8695	3.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.80%
46) 2-Hexanone-d5	8.14	63	47323	43.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.14%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21759	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	35168	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

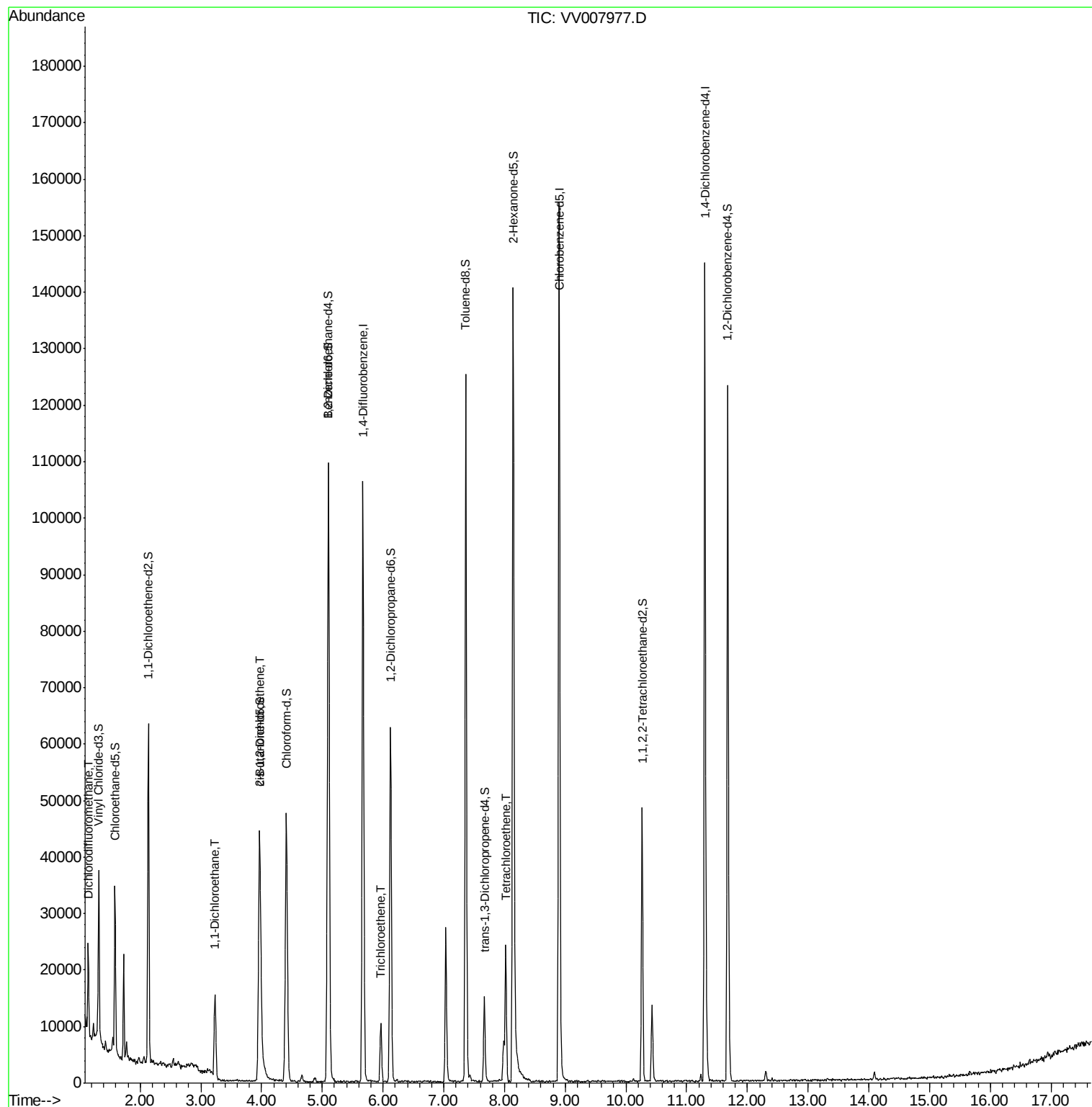
					Ovalue
2) Dichlorodifluoromethane	1.14	85	2392	0.317 ug/L	94
19) 1,1-Dichloroethane	3.23	63	15244	1.365 ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	4306	0.650 ug/L	100
34) Trichloroethene	5.96	95	3464	0.495 ug/L	93
47) Tetrachloroethene	8.02	164	5436	0.838 ug/L	95

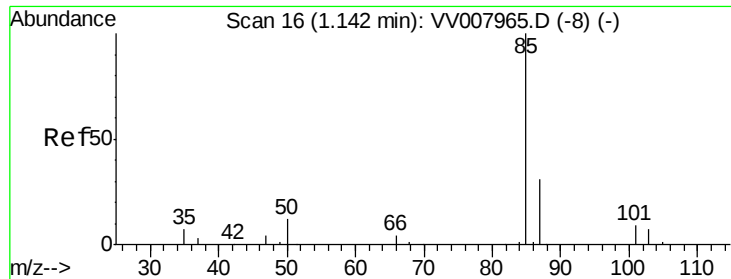
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.317 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV007977.D

Acq: 29 Sep 2018 02:18

Instrument :

MSVOA_V

ClientSampled :

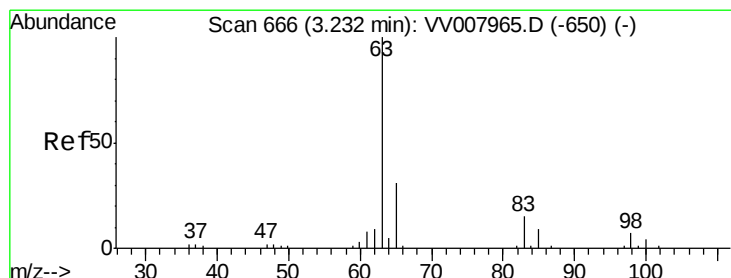
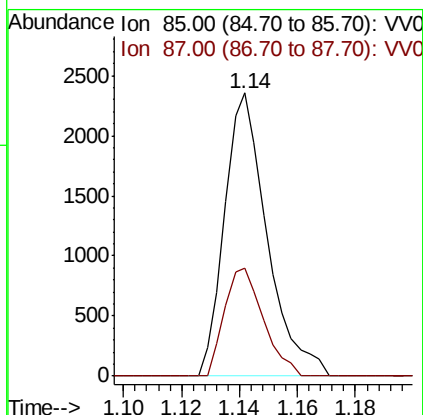
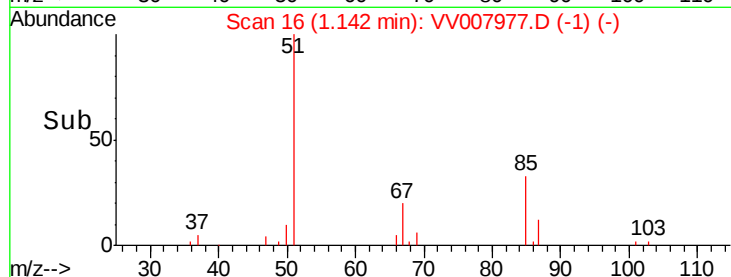
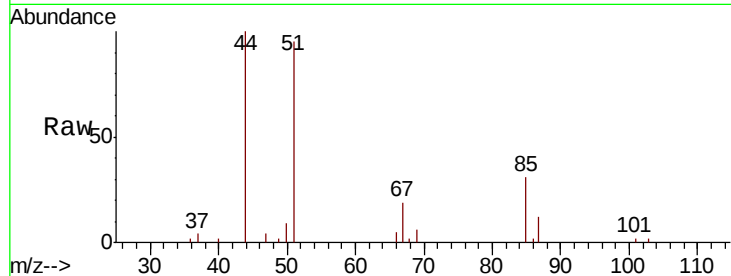
GAC87

Tot Ion: 85 Resp: 2392

Ion Ratio Lower Upper

85 100

87 34.9 25.2 37.8



#19

1,1-Dichloroethane

Concen: 1.365 ug/L

RT: 3.23 min Scan# 667

Delta R.T. 0.00 min

Lab File: VV007977.D

Acq: 29 Sep 2018 02:18

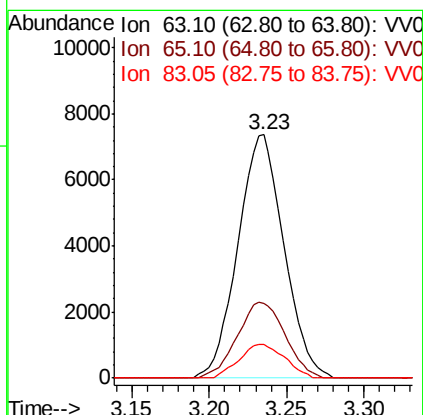
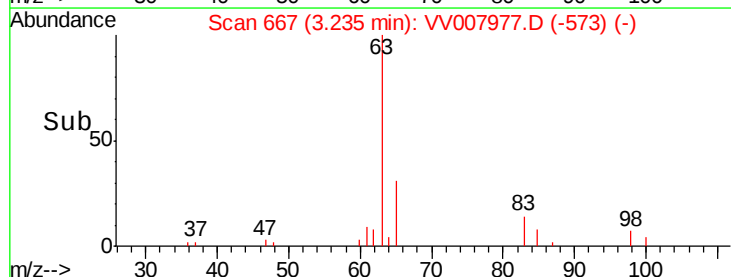
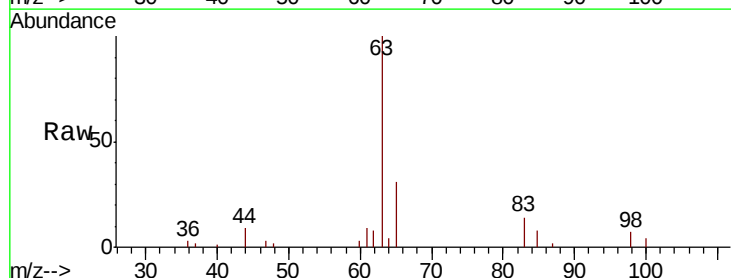
Tgt Ion: 63 Resp: 15244

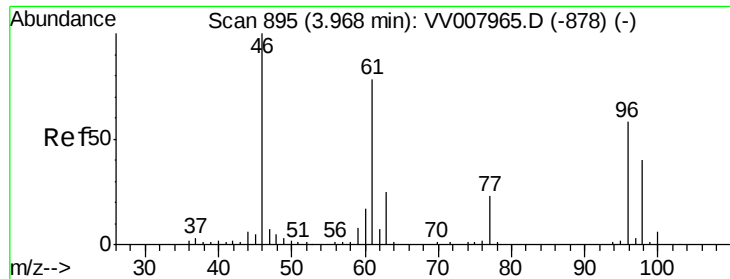
Ion Ratio Lower Upper

63 100

65 30.9 22.3 41.5

83 13.7 9.8 18.2

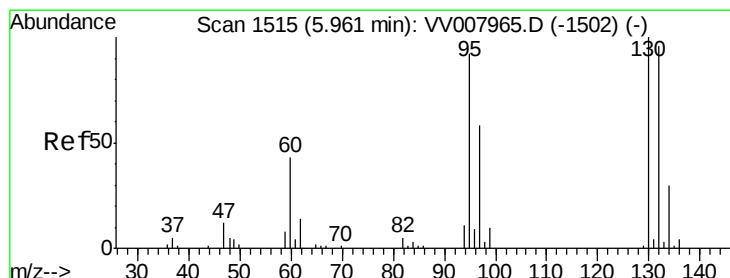
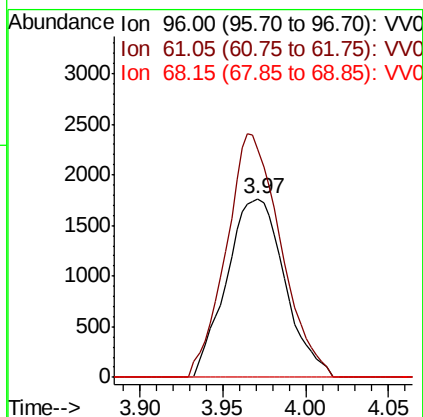
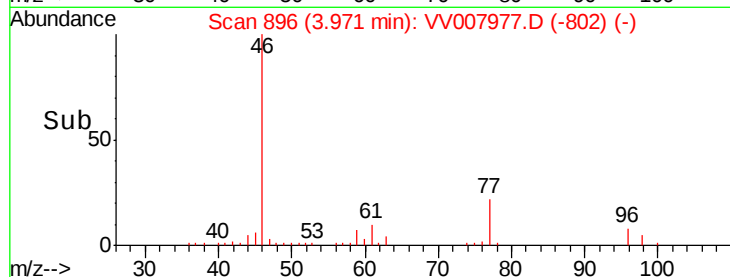
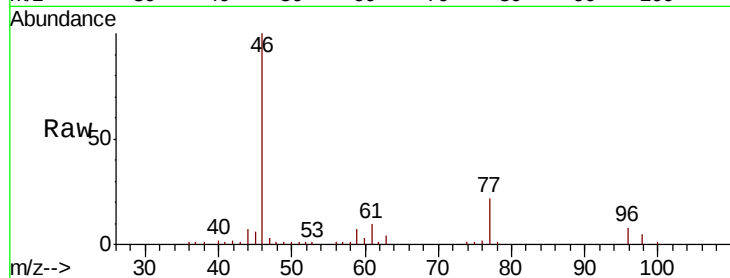




#22
 cis-1,2-Dichloroethene
 Concen: 0.650 ug/L
 RT: 3.97 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: VV007977.D
 Acq: 29 Sep 2018 02:18

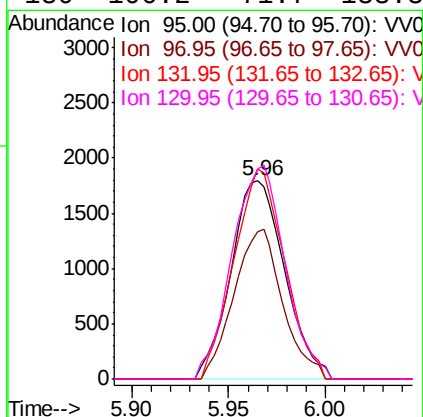
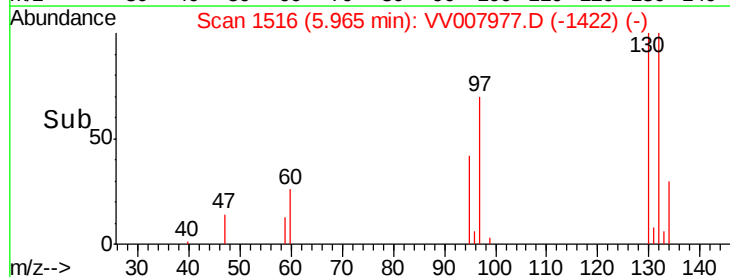
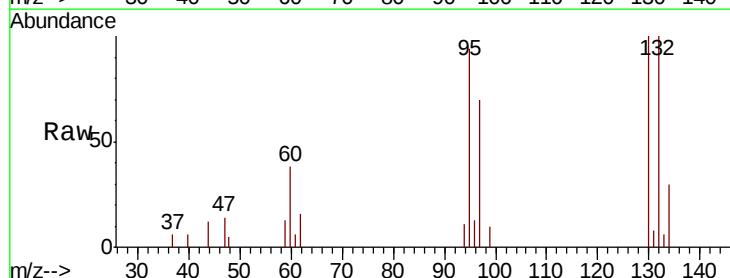
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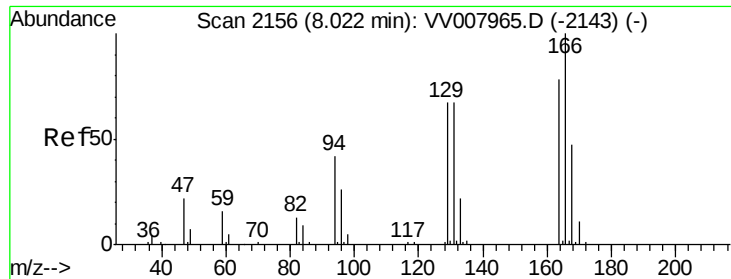
Tot Ion: 96 Resp: 4306
 Ion Ratio Lower Upper
 96 100
 61 128.2 89.5 166.1
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 0.495 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV007977.D
 Acq: 29 Sep 2018 02:18

Tgt Ion: 95 Resp: 3464
 Ion Ratio Lower Upper
 95 100
 97 74.4 43.6 81.0
 132 105.8 69.9 129.9
 130 106.2 71.7 133.3





#47

Tetrachloroethene

Concen: 0.838 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV007977.D

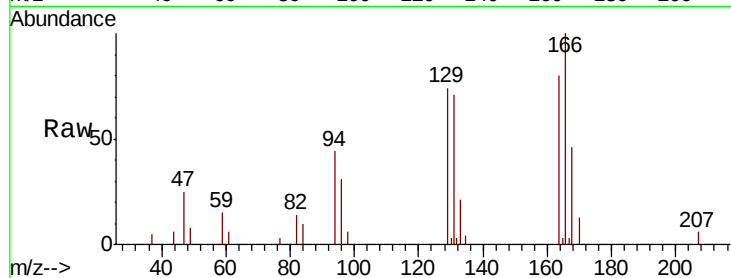
Acq: 29 Sep 2018 02:18

Instrument :

MSVOA_V

ClientSampleId :

GAC87



Tot Ion:164 Resp: 5436

Ion Ratio Lower Upper

164 100

129 92.0 59.2 110.0

131 89.1 57.1 106.1

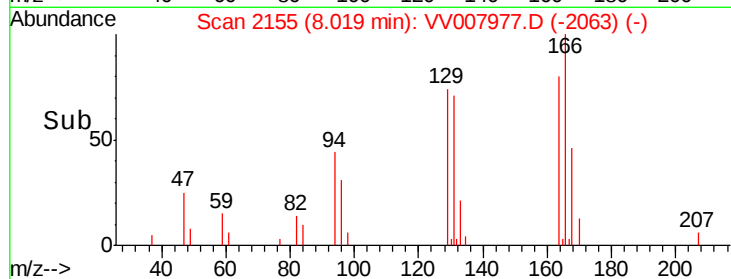
166 124.9 88.6 164.6

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



Time-->

