

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090618\
 Data File : VV007439.D
 Acq On : 06 Sep 2018 23:17
 Operator : SY/MD
 Sample : J4719-12
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGE8

Quant Time: Sep 07 03:00:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 01:29:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	540327	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	556634	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	207167	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	166012	43.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.04%
7) Chloroethane-d5	1.56	69	126693	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.22%
11) 1,1-Dichloroethene-d2	2.13	63	217151	31.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.88%
21) 2-Butanone-d5	3.96	46	203275	64.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	64.75%
24) Chloroform-d	4.41	84	323800	40.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.12%
26) 1,2-Dichloroethane-d4	5.09	65	206642	42.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.82%
32) Benzene-d6	5.10	84	651857	38.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.72%
36) 1,2-Dichloropropane-d6	6.13	67	221881	39.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.92%
41) Toluene-d8	7.36	98	537711	37.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.46%#
43) trans-1,3-Dichloropropene-	7.67	79	87206	36.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.84%
47) 2-Hexanone-d5	8.14	63	168491	76.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.45%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	301333	39.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.48%
64) 1,2-Dichlorobenzene-d4	11.68	152	201911	45.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.70%

Target Compounds

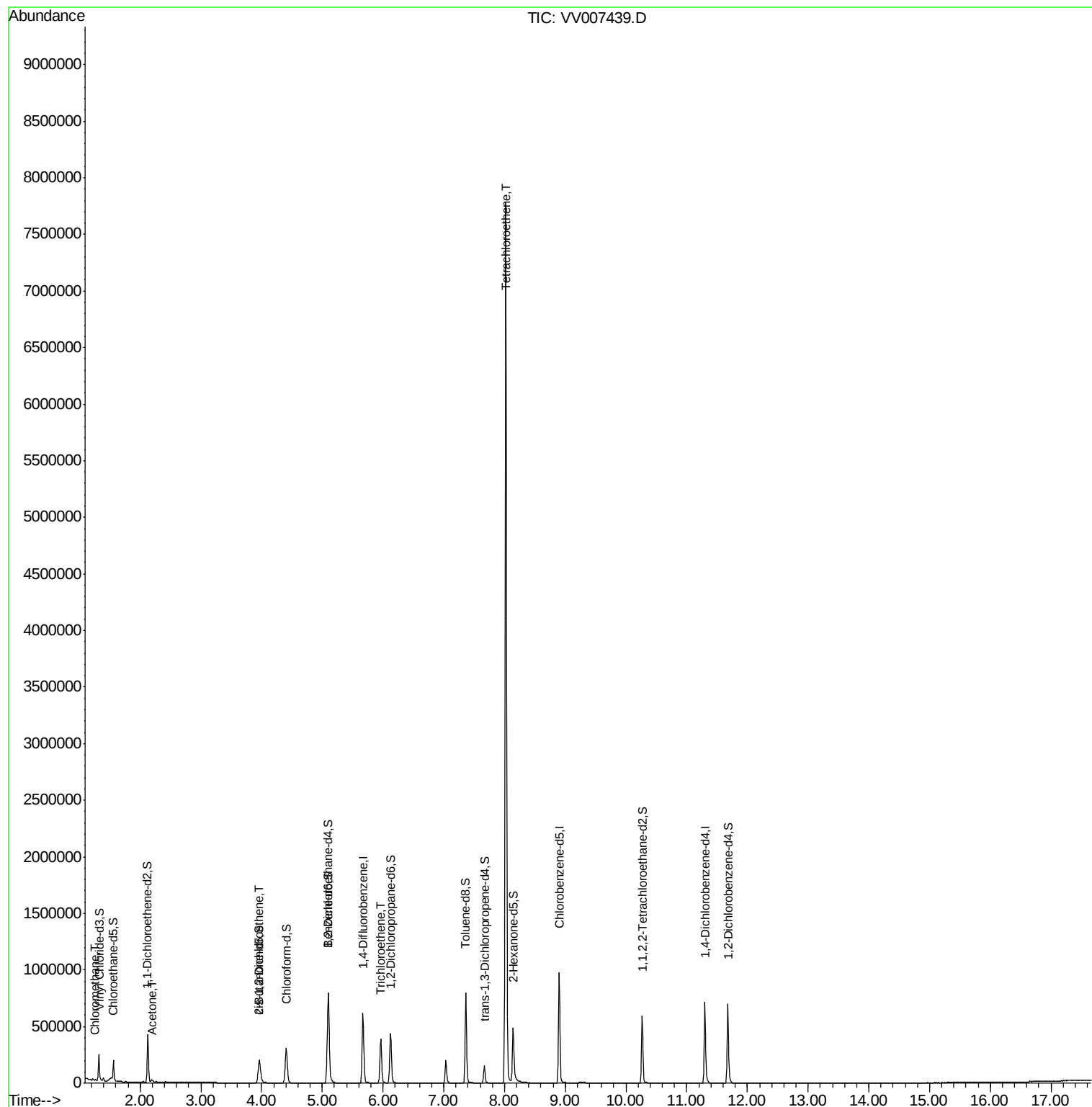
					Ovalue
3) Chloromethane	1.26	50	7258	1.60 ug/L	98
13) Acetone	2.20	43	15081	8.07 ug/L	96
20) cis-1,2-Dichloroethene	3.96	96	41154	9.59 ug/L	99
34) Trichloroethene	5.96	95	136829	31.48 ug/L	98
46) Tetrachloroethene	8.02	164	1811699	518.36 ug/L	97

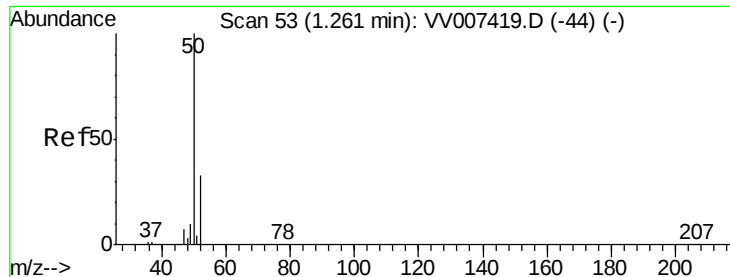
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.60 ug/L

RT: 1.26 min Scan# 52

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

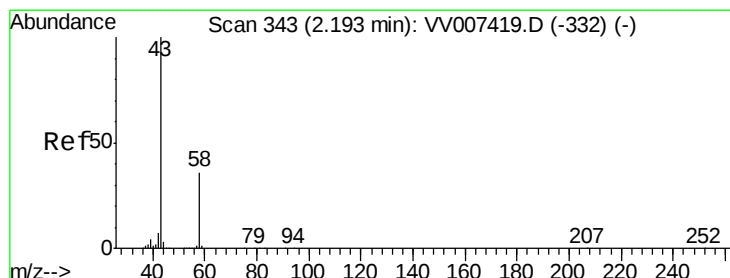
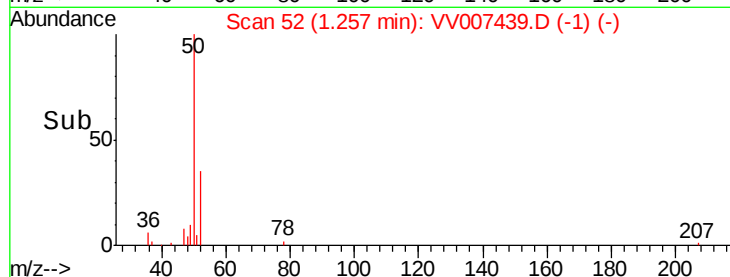
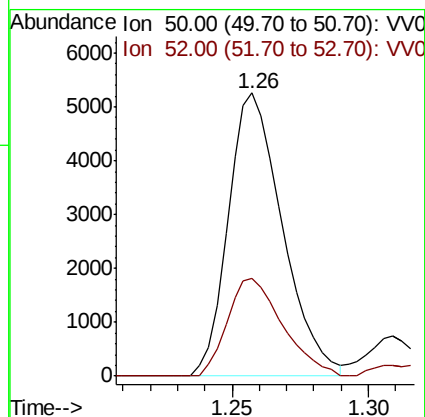
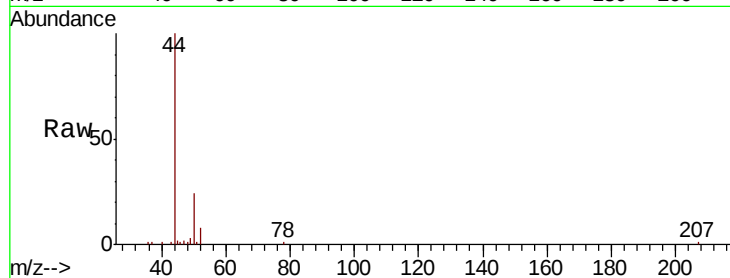
BEGE8

Tot Ion: 50 Resp: 7258

Ion Ratio Lower Upper

50 100

52 34.5 23.2 43.2



#13

Acetone

Concen: 8.07 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

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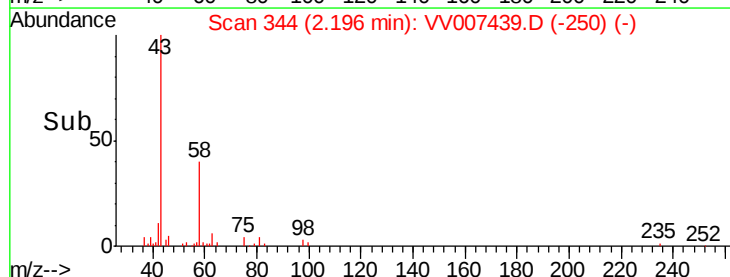
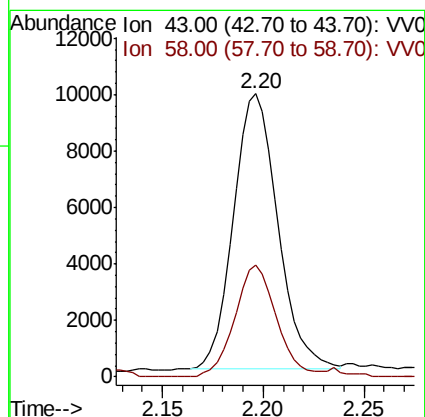
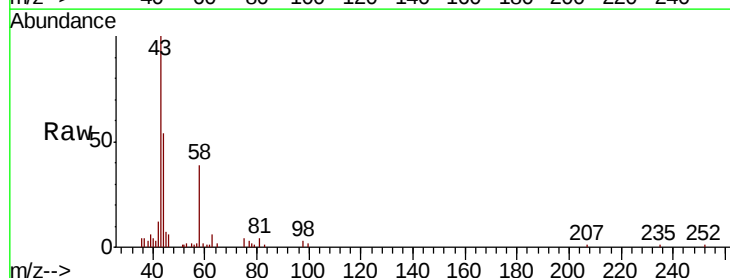
Acq: 06 Sep 2018 23:17

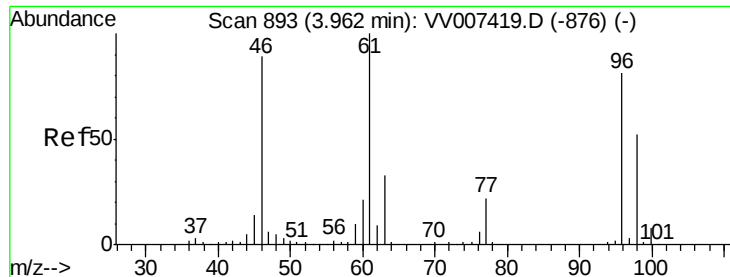
Tgt Ion: 43 Resp: 15081

Ion Ratio Lower Upper

43 100

58 38.1 0.0 71.2

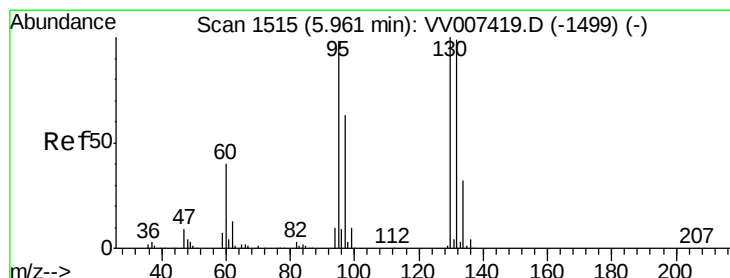
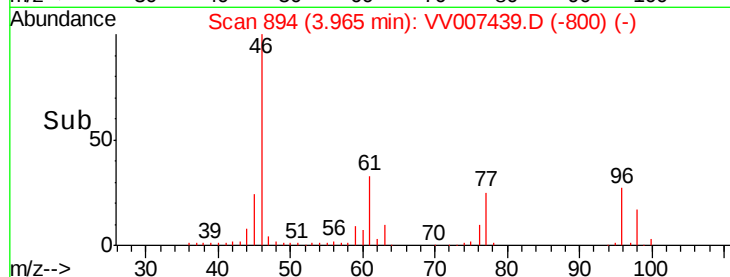
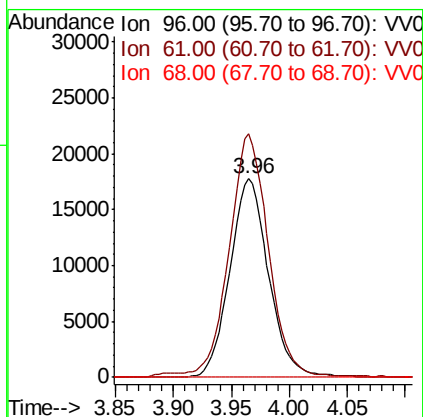
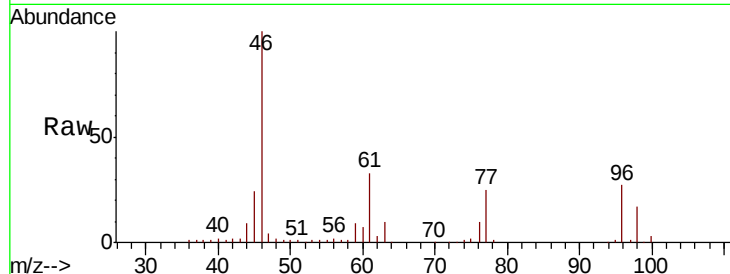




#20
 cis-1,2-Dichloroethene
 Concen: 9.59 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: VV007439.D
 Acq: 06 Sep 2018 23:17

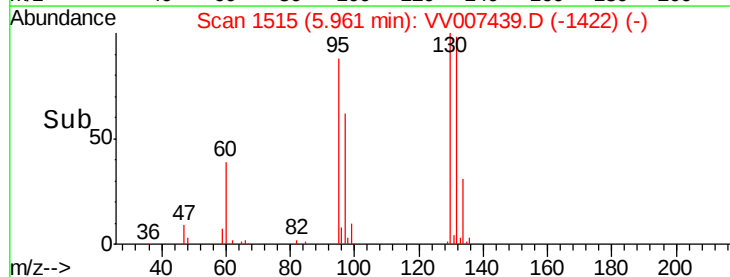
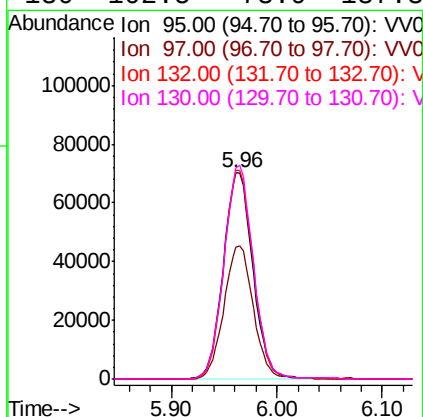
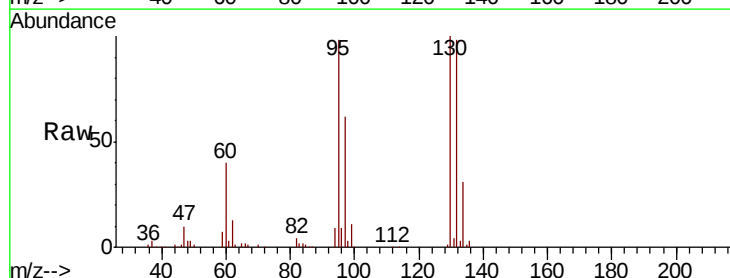
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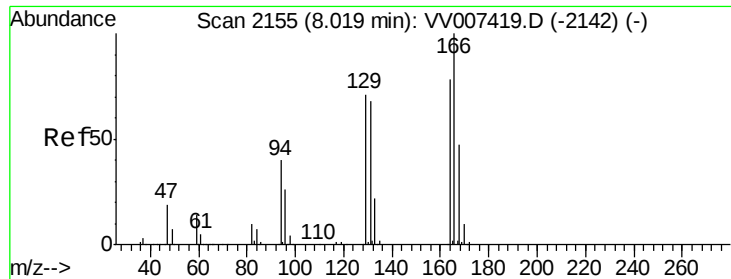
Tot Ion: 96 Resp: 41154
 Ion Ratio Lower Upper
 96 100
 61 122.6 86.8 161.2
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 31.48 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: VV007439.D
 Acq: 06 Sep 2018 23:17

Tgt Ion: 95 Resp: 136829
 Ion Ratio Lower Upper
 95 100
 97 64.1 46.1 85.7
 132 100.7 70.8 131.6
 130 102.5 73.9 137.3





#46

Tetrachloroethene

Concen: 518.36 ug/L

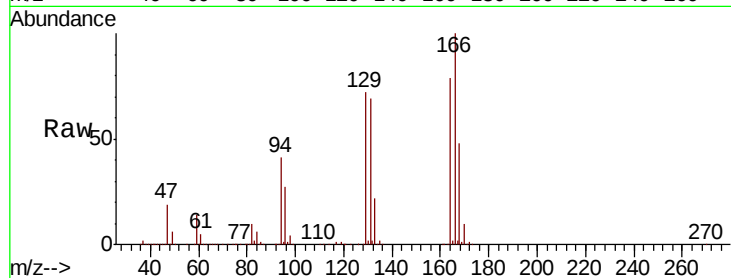
RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007439.D

Acq: 06 Sep 2018 23:17

Instrument :
MSVOA_V
ClientSampleId :
BEGE8



Tot Ion:164 Resp: 1811699

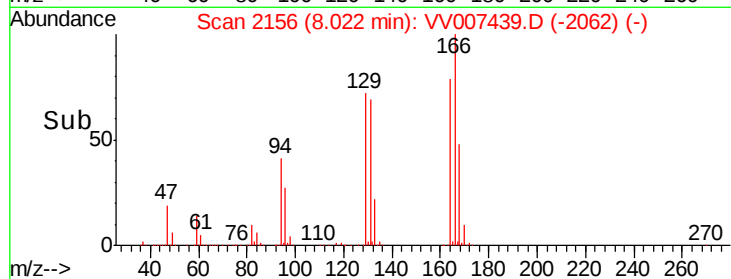
Ion Ratio Lower Upper

164 100

129 90.7 63.9 118.7

131 86.9 62.6 116.2

166 126.4 91.6 170.2



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

