

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090518\
 Data File : VV007403.D
 Acq On : 05 Sep 2018 23:43
 Operator : SY/MD
 Sample : J4719-16 50X
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGF2

Quant Time: Sep 06 01:47:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 06 01:44:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	489240	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	479322	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	178387	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	145638	41.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.36%
7) Chloroethane-d5	1.56	69	116578	50.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.86%
11) 1,1-Dichloroethene-d2	2.13	63	198754	32.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.58%
21) 2-Butanone-d5	3.96	46	219854	77.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.34%
24) Chloroform-d	4.40	84	332178	45.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.90%
26) 1,2-Dichloroethane-d4	5.09	65	210686	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.62%
32) Benzene-d6	5.10	84	635000	43.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.92%
36) 1,2-Dichloropropane-d6	6.12	67	222822	46.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.04%
41) Toluene-d8	7.36	98	497288	39.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.98%#
43) trans-1,3-Dichloropropene-	7.67	79	84948	41.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.38%
47) 2-Hexanone-d5	8.14	63	158856	83.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.71%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	314152	47.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.02%
64) 1,2-Dichlorobenzene-d4	11.68	152	193615	50.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

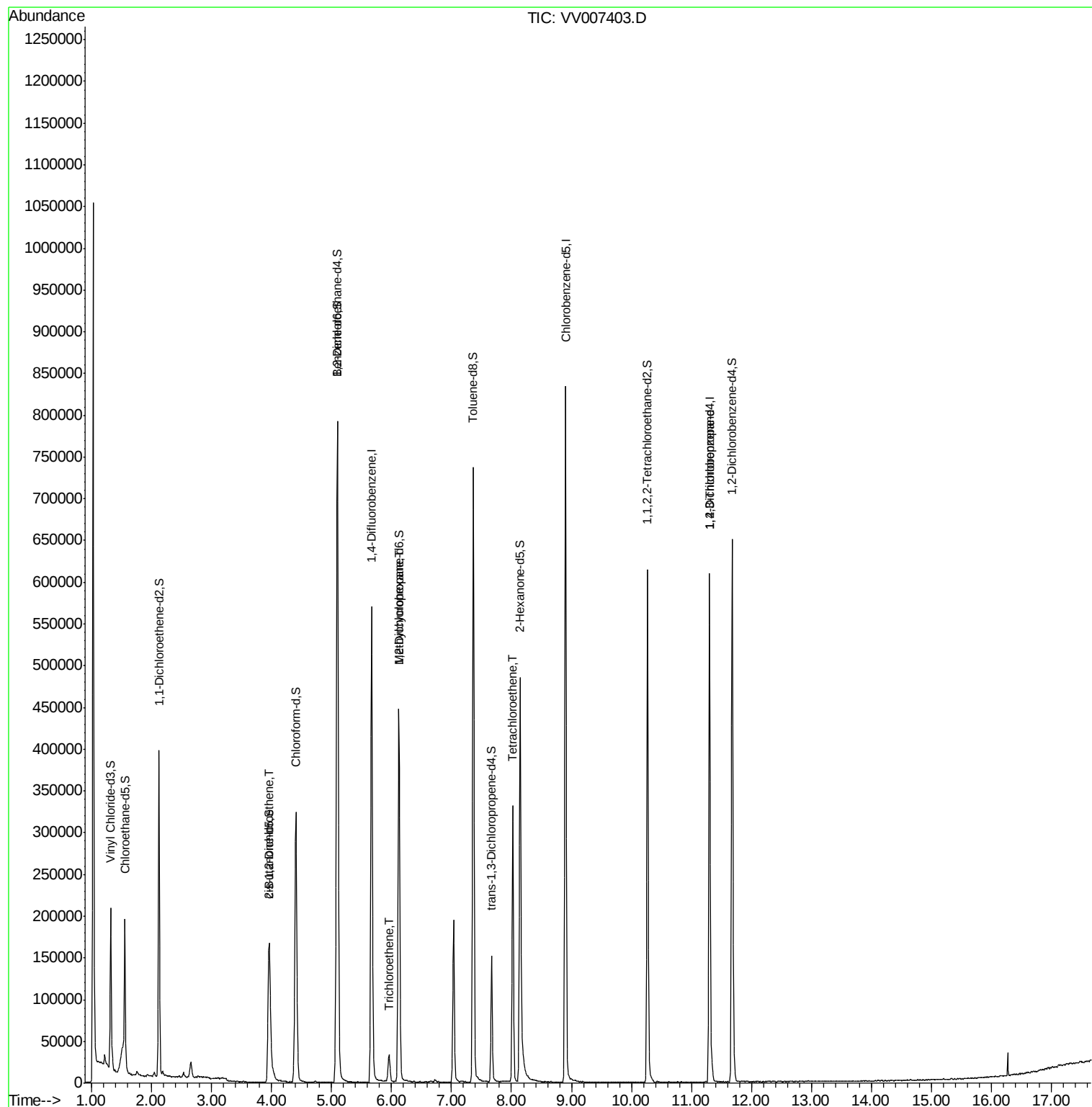
					Qvalue
20) cis-1,2-Dichloroethene	3.96	96	8812	2.269 ug/L	93
34) Trichloroethene	5.96	95	8644	2.309 ug/L	96
35) Methylcyclohexane	6.12	83	53419	9.571 ug/L #	18
46) Tetrachloroethene	8.02	164	77219	25.658 ug/L	98
59) 1,2,3-Trichloropropane	11.30	75	19467	3.885 ug/L	90

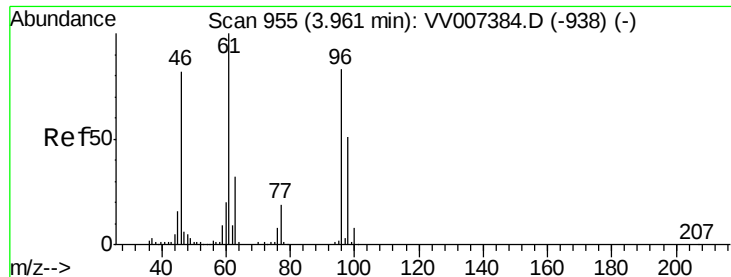
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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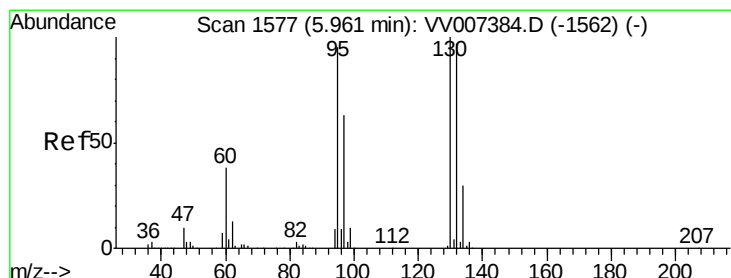
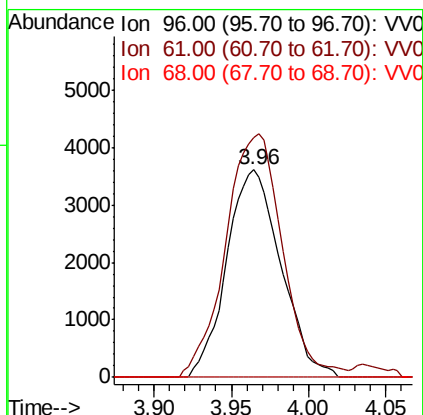
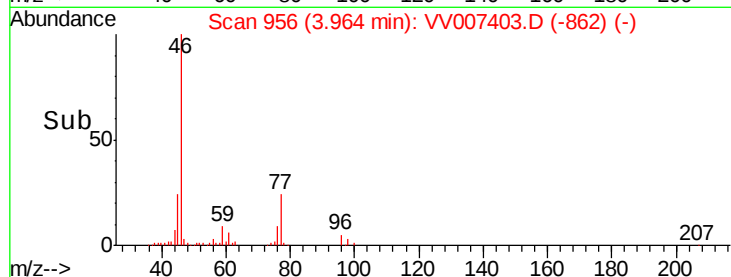
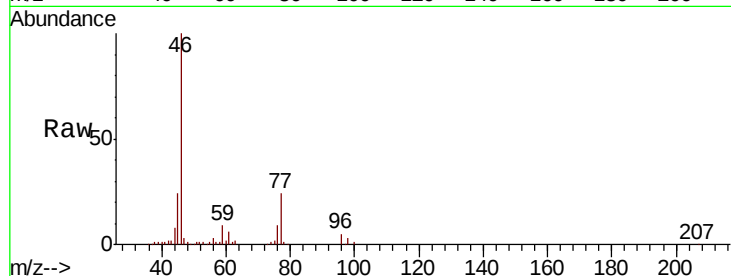




#20
 cis-1,2-Dichloroethene
 Concen: 2.269 ug/L
 RT: 3.96 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VV007403.D
 Acq: 05 Sep 2018 23:43

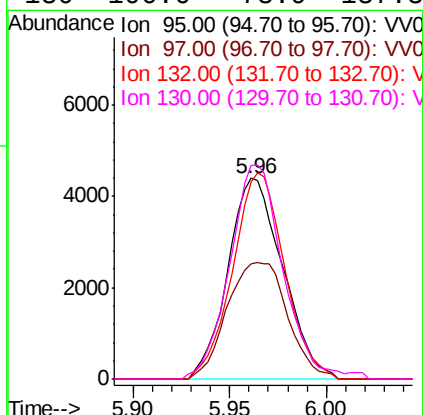
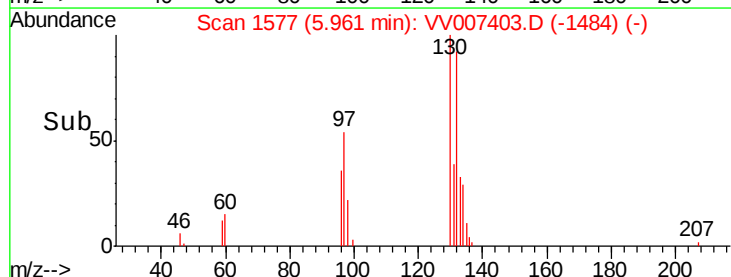
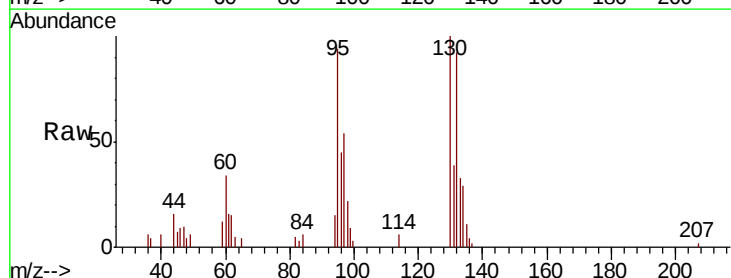
Instrument :
 MSVOA_V
 ClientSampled :
 BEGF2

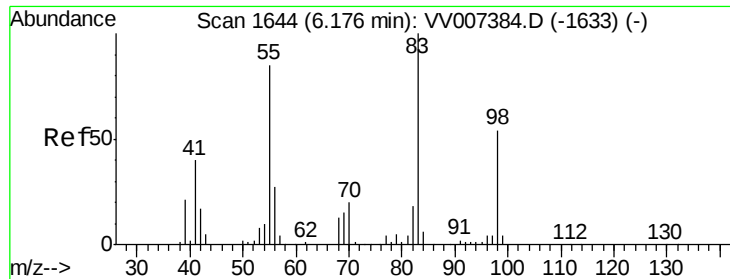
Tgt Ion: 96 Resp: 8812
 Ion Ratio Lower Upper
 96 100
 61 115.8 86.8 161.2
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 2.309 ug/L
 RT: 5.96 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: VV007403.D
 Acq: 05 Sep 2018 23:43

Tgt Ion: 95 Resp: 8644
 Ion Ratio Lower Upper
 95 100
 97 57.6 46.1 85.7
 132 98.1 70.8 131.6
 130 106.6 73.9 137.3

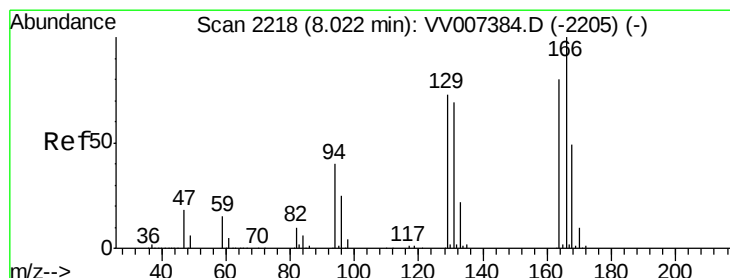
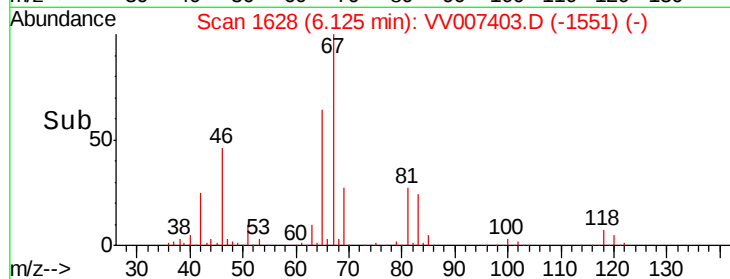
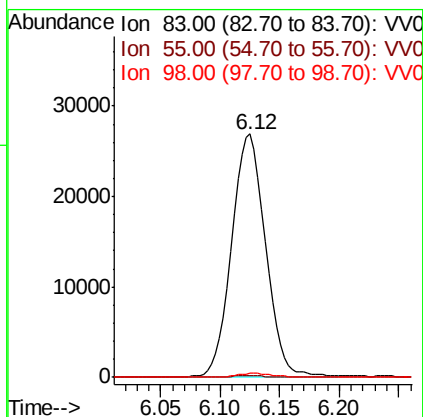
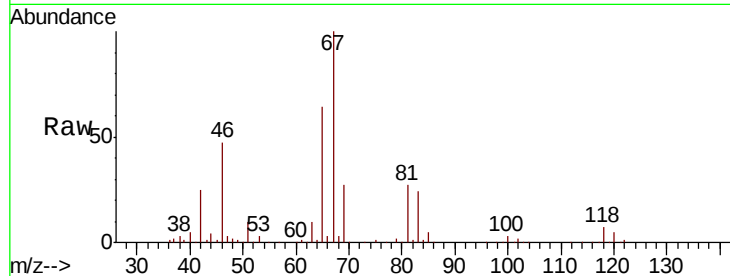




#35
Methylcyclohexane
Concen: 9.571 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007403.D
Acq: 05 Sep 2018 23:43

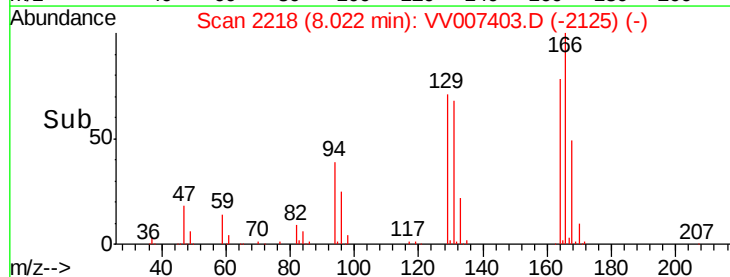
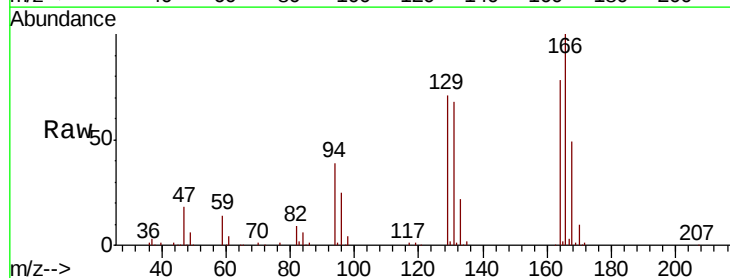
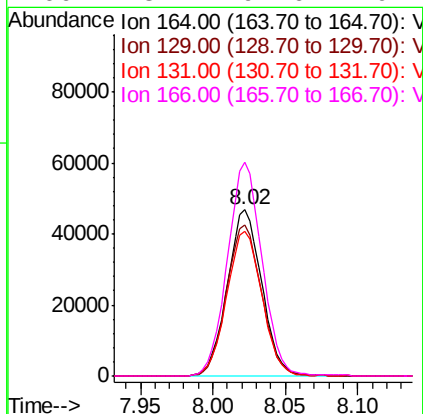
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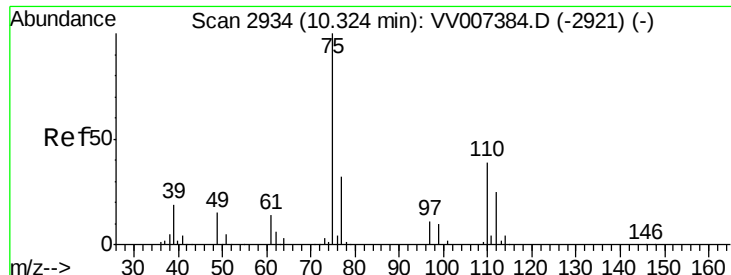
Tgt Ion: 83 Resp: 53419
Ion Ratio Lower Upper
83 100
55 0.6 63.0 94.4#
98 1.5 39.0 58.6#



#46
Tetrachloroethene
Concen: 25.658 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VV007403.D
Acq: 05 Sep 2018 23:43

Tgt Ion: 164 Resp: 77219
Ion Ratio Lower Upper
164 100
129 90.5 63.9 118.7
131 86.9 62.6 116.2
166 128.4 91.6 170.2





#59

1,2,3-Trichloropropane

Concen: 3.885 ug/L

RT: 11.30 min Scan# 3237

Delta R.T. 0.97 min

Lab File: VV007403.D

Acq: 05 Sep 2018 23:43

Instrument :

MSVOA_V

ClientSampleId :

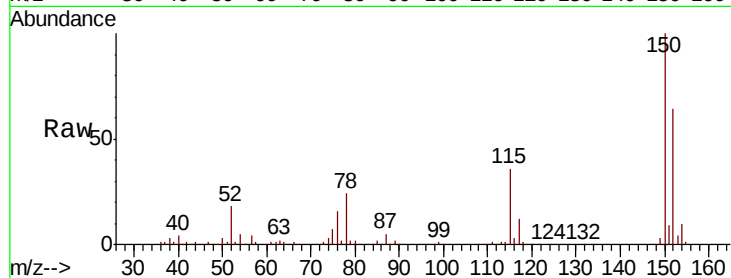
BEGF2

Tgt Ion: 75 Resp: 19467

Ion Ratio Lower Upper

75 100

77 37.3 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

