

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
 Data File : VW009590.D
 Acq On : 30 Mar 2019 15:10
 Operator : SY/VA
 Sample : K2084-21
 Misc : 4.56G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF7W3

Quant Time: Mar 30 21:20:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 21:16:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	435467	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	407948	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	169896	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	152886	29.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.52%
7) Chloroethane-d5	2.89	69	139633	22.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.72%
10) 1,1-Dichloroethene-d2	4.01	63	227418	20.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.88%
20) 2-Butanone-d5	7.07	46	82948	38.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.08%
24) Chloroform-d	7.64	84	295243	24.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.36%
26) 1,2-Dichloroethane-d4	8.38	65	182	0.03	ug/L	0.08
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.27	84	555112	24.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.68%
33) 1,2-Dichloropropane-d6	9.27	67	167699	24.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.28%
37) Toluene-d8	10.32	98	496056	23.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.40%
38) trans-1,3-Dichloropropene-	10.58	79	70178	20.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.72%
39) 2-Hexanone-d5	10.93	63	55476	33.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	141603	21.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	159865	24.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.16%

Target Compounds

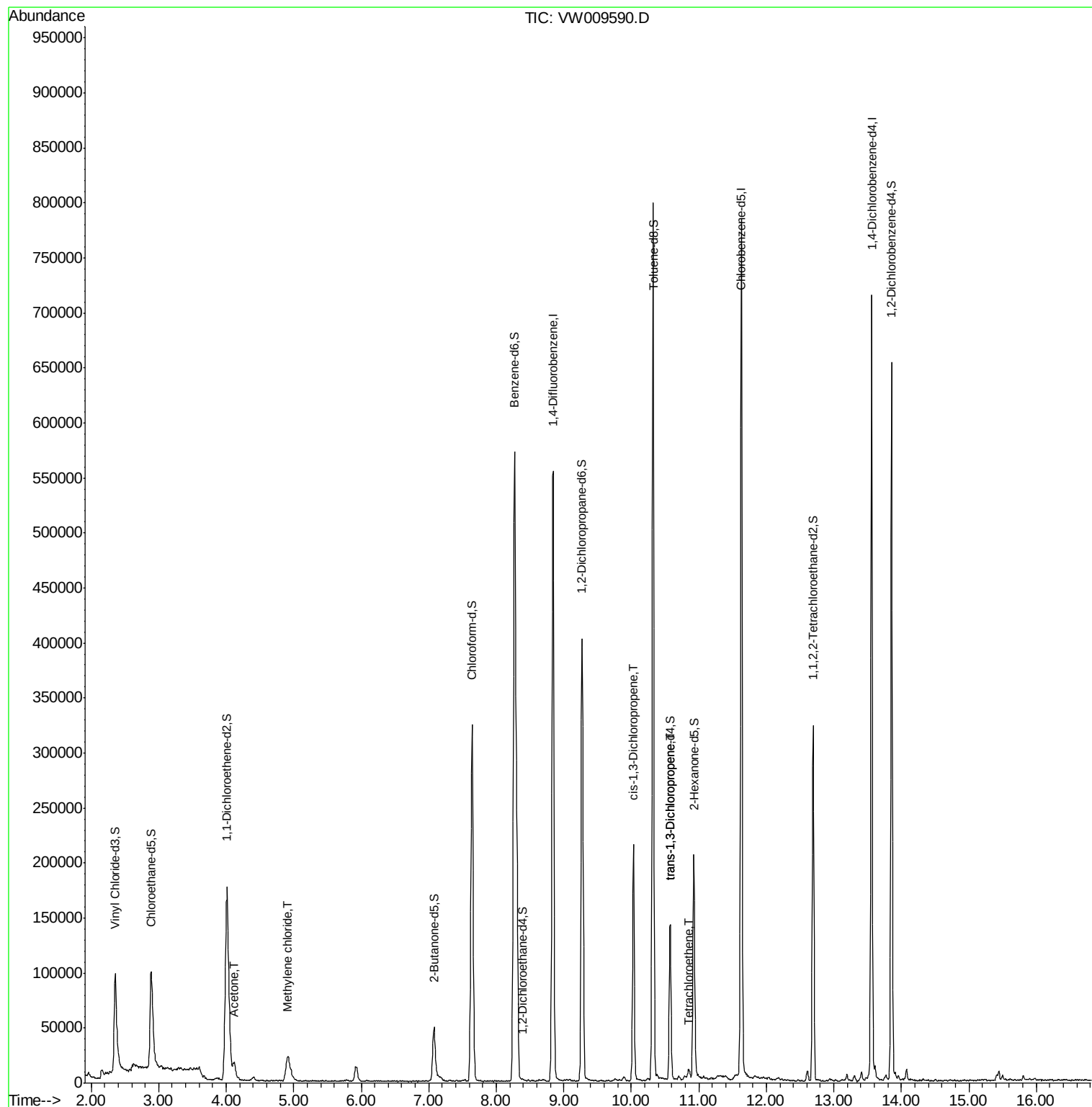
					Qvalue
13) Acetone	4.12	43	22066	12.503	ug/L 98
16) Methylene chloride	4.91	84	14916	2.349	ug/L 96
42) cis-1,3-Dichloropropene	10.04	75	5730	0.614	ug/L # 76
45) trans-1,3-Dichloropropene	10.58	75	4095	0.504	ug/L 85
47) Tetrachloroethene	10.85	164	1484	0.295	ug/L 90

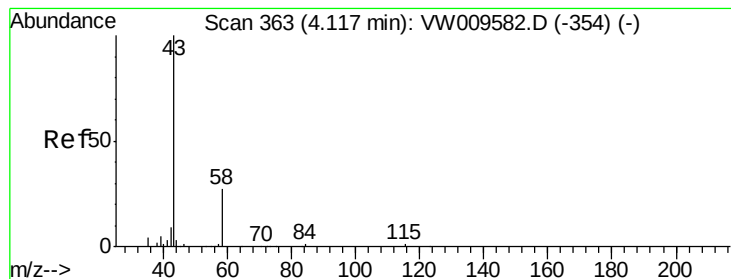
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 30 21:16:55 2019
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#13

Acetone

Concen: 12.503 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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ClientSampleId :

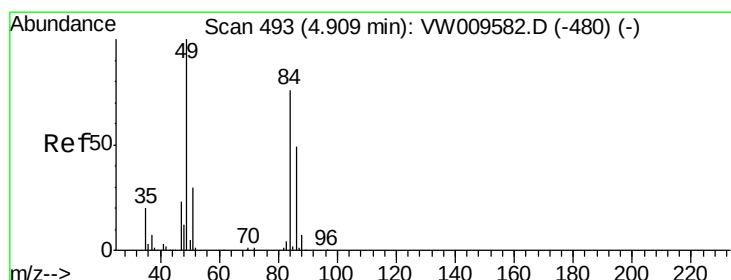
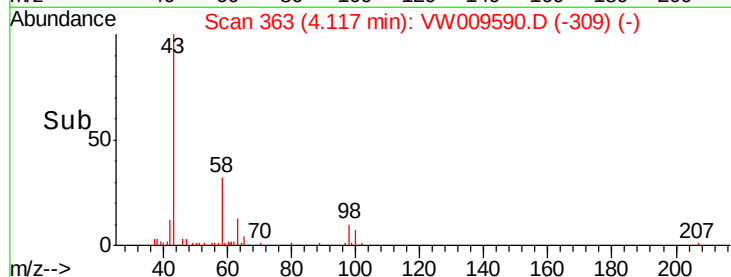
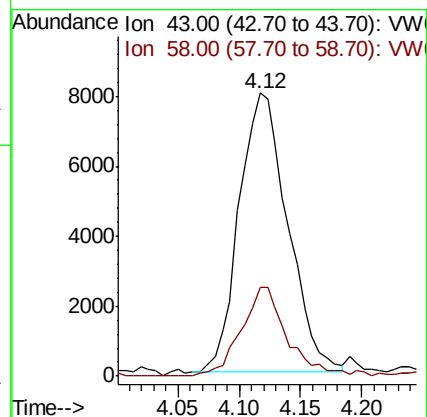
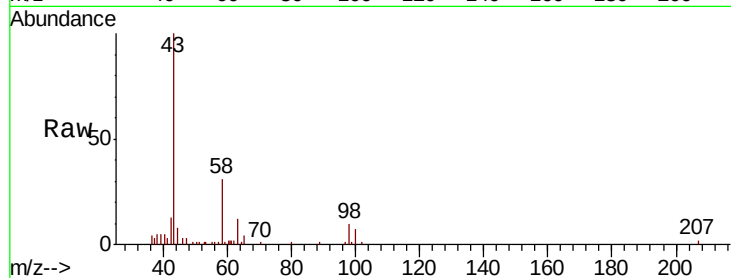
BF7W3

Tgt Ion: 43 Resp: 22066

Ion Ratio Lower Upper

43 100

58 29.4 0.0 56.2



#16

Methylene chloride

Concen: 2.349 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

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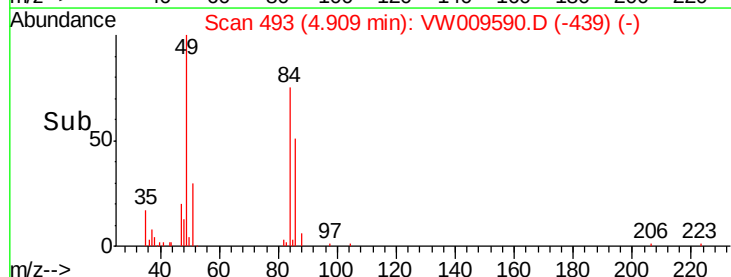
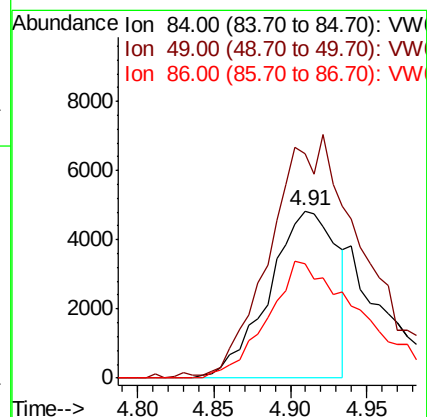
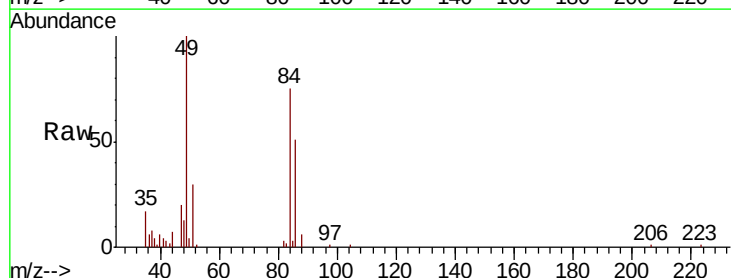
Tgt Ion: 84 Resp: 14916

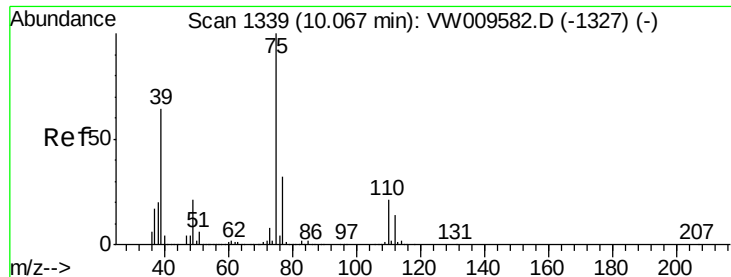
Ion Ratio Lower Upper

84 100

49 134.1 96.0 178.2

86 68.6 44.4 82.5





#42

cis-1,3-Dichloropropene

Concen: 0.614 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

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Instrument :

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ClientSampleId :

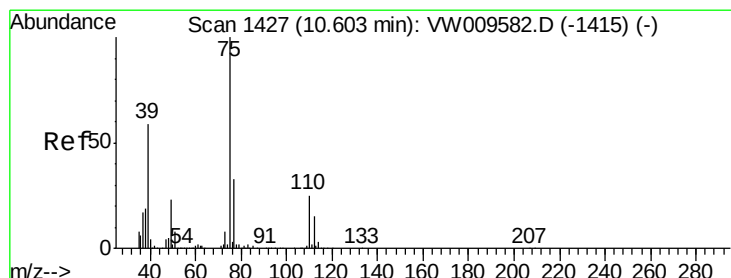
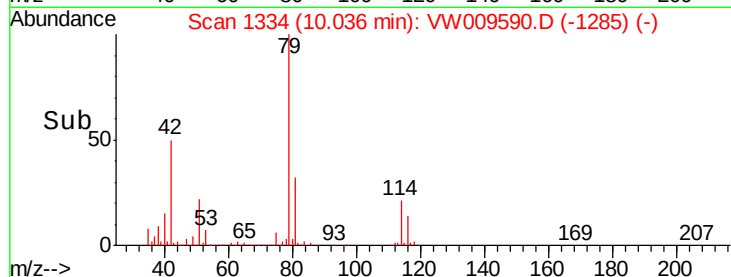
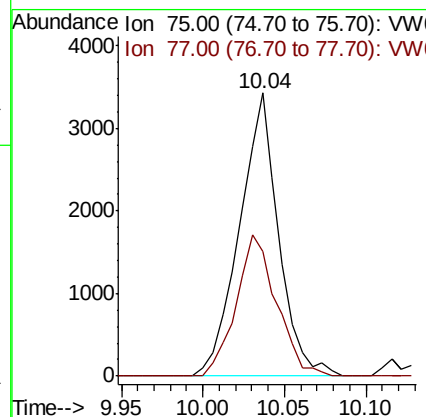
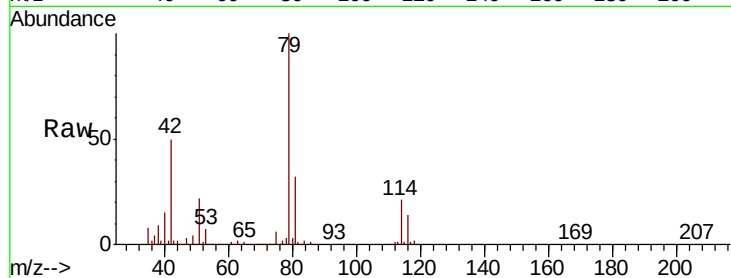
BF7W3

Tgt Ion: 75 Resp: 5730

Ion Ratio Lower Upper

75 100

77 44.2 21.6 40.2#



#45

trans-1,3-Dichloropropene

Concen: 0.504 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

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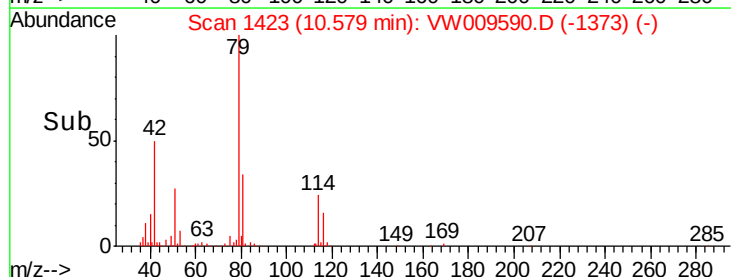
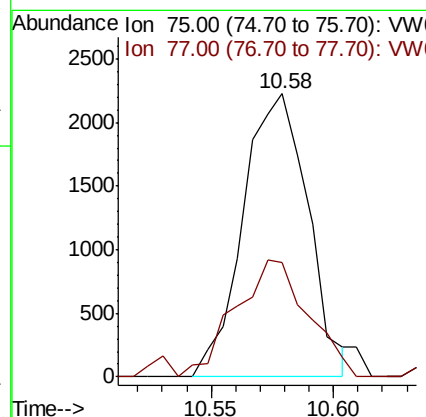
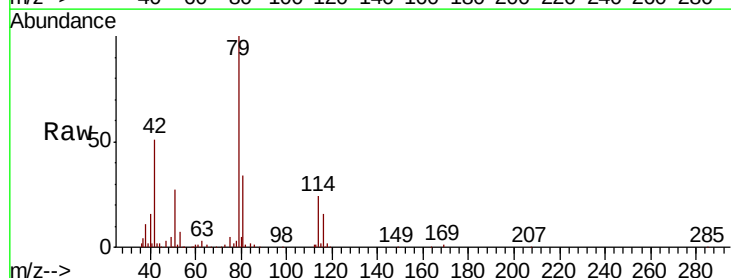
Acq: 30 Mar 2019 15:10

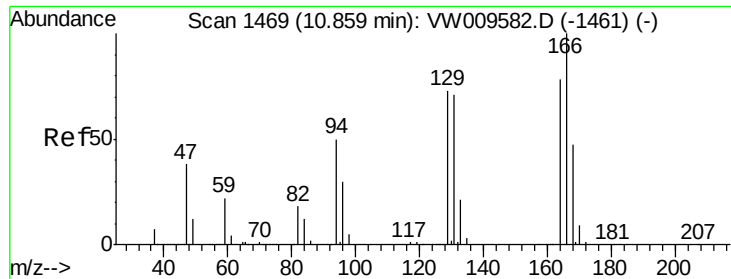
Tgt Ion: 75 Resp: 4095

Ion Ratio Lower Upper

75 100

77 40.3 22.5 41.7





#47

Tetrachloroethene

Concen: 0.295 ug/L

RT: 10.85 min Scan# 1468

Delta R.T. -0.01 min

Lab File: VW009590.D

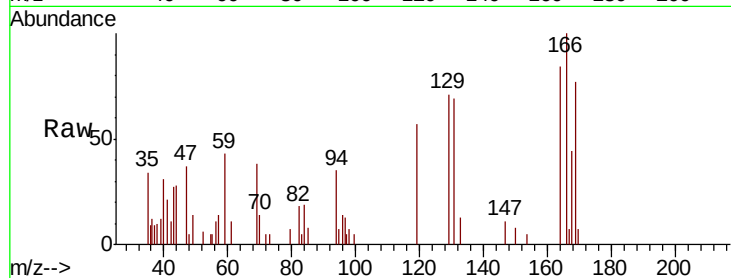
Acq: 30 Mar 2019 15:10

Instrument :

MSVOA_W

ClientSampleId :

BF7W3



Tgt Ion:164 Resp: 1484

Ion Ratio Lower Upper

164 100

129 83.8 66.5 123.5

131 81.9 62.6 116.3

166 118.8 91.6 170.0

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

