

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U060319\
 Data File : VU032412.D
 Acq On : 03 Jun 2019 23:04
 Operator : JC/SP
 Sample : K3081-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALE3

Manual Integrations
 APPROVED

MMDadoda
 6/18/2019 1:12:29 AM

Quant Time: Jun 04 09:42:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 04 08:55:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	99229	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	95069	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	42431	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36893	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.67	69	36018m	3.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.20%
11) 1,1-Dichloroethene-d2	2.27	63	62420	2.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.40%#
20) 2-Butanone-d5	4.18	46	100912	46.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.12%
24) Chloroform-d	4.64	84	65562	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.30	65	39728	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.33	84	128706	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.33	67	42799	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.56	98	118737	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	7.85	79	17761	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.31	63	89940	49.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	35859	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	40419	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	2180	0.130 ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	6230	0.426 ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	4886	0.334 ug/L	90
34) Trichloroethene	6.18	95	20418777m	1356.195 ug/L	
47) Tetrachloroethene	8.22	164	12017	1.142 ug/L	96

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

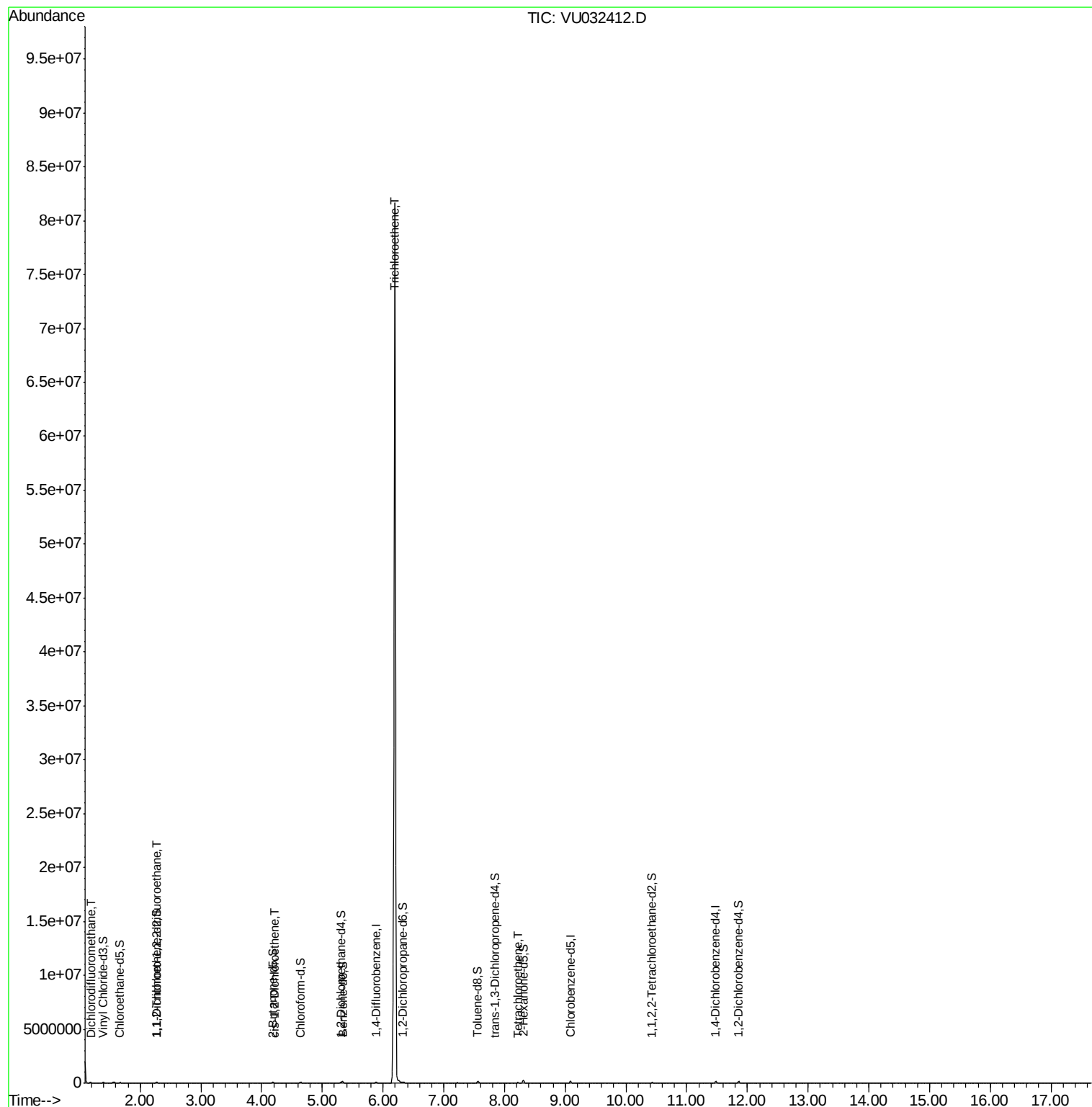
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU060319\
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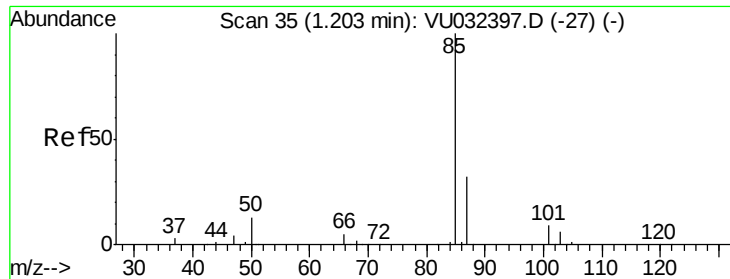
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Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.130 ug/L

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU032412.D

Acq: 03 Jun 2019 23:04

Instrument :

MSVOA_U

ClientSampleId :

GALE3

Tot Ion: 85 Resp: 2180

Ion Ratio Lower Upper

85 100

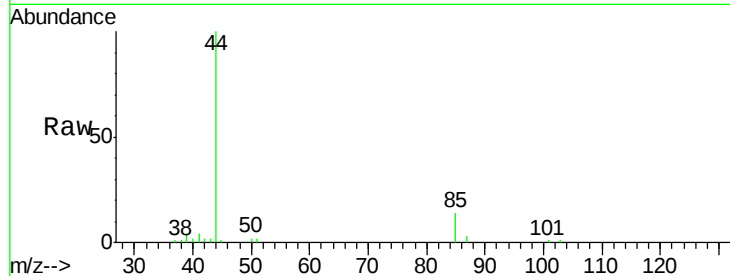
87 25.9 25.8 38.8

Manual Integrations

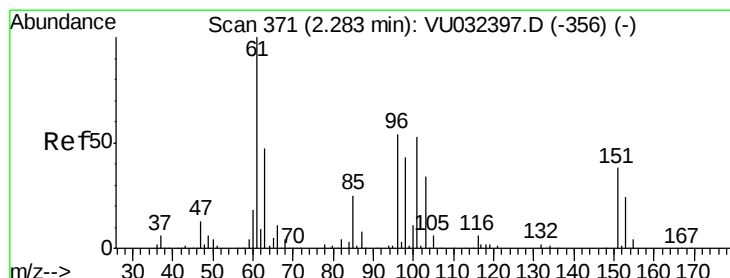
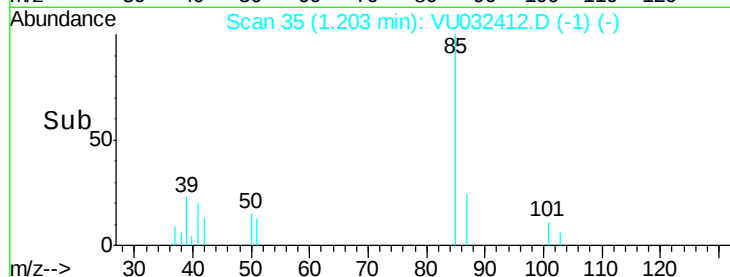
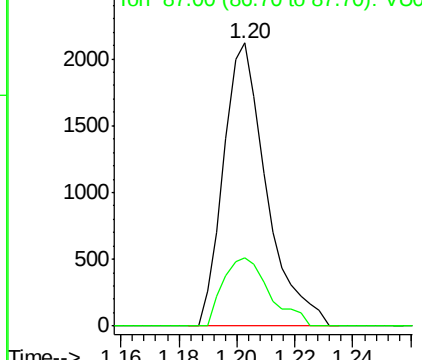
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Abundance Ion 85.00 (84.70 to 85.70): VU032412.D (-1) (-)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.426 ug/L

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU032412.D

Acq: 03 Jun 2019 23:04

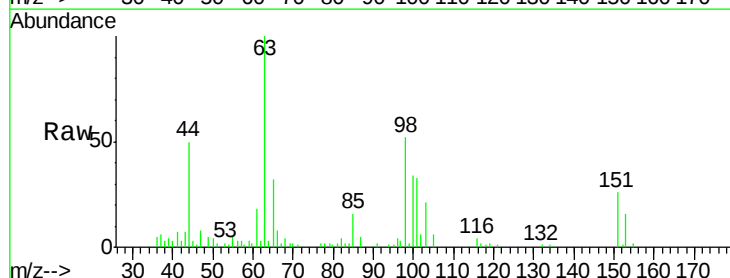
Tgt Ion: 101 Resp: 6230

Ion Ratio Lower Upper

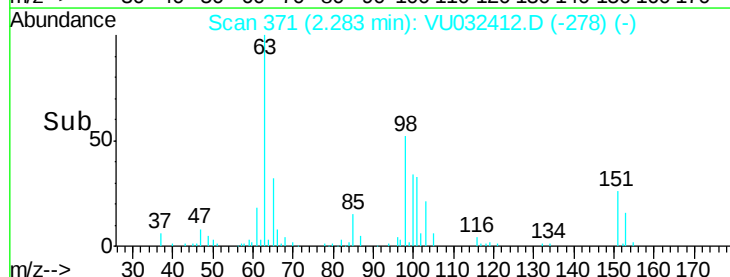
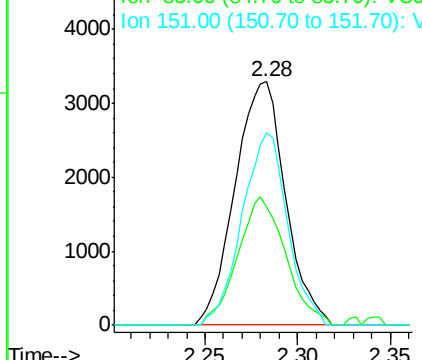
101 100

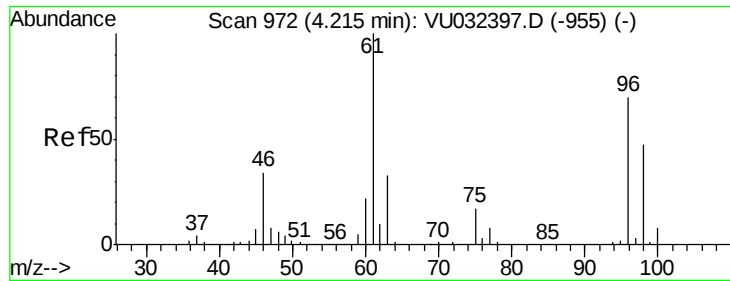
85 50.0 38.0 57.0

151 71.1 58.1 87.1



Abundance Ion 101.00 (100.70 to 101.70): VU032412.D (-278) (-)





#22

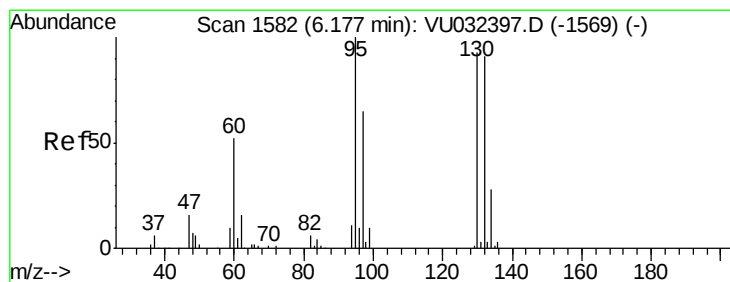
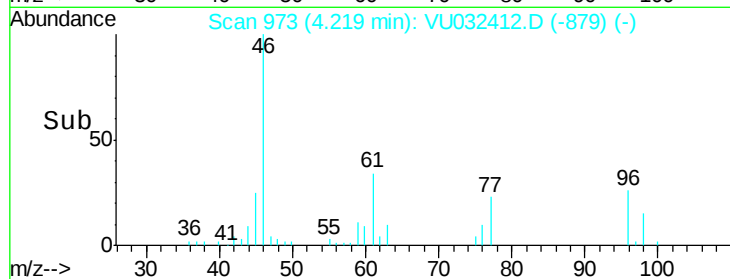
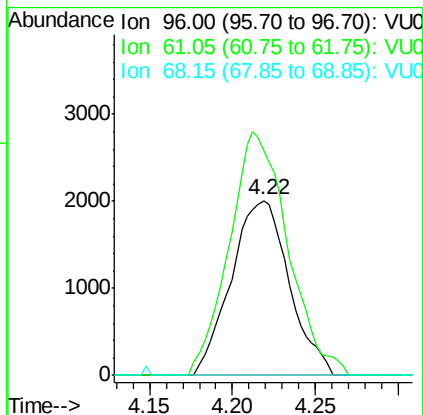
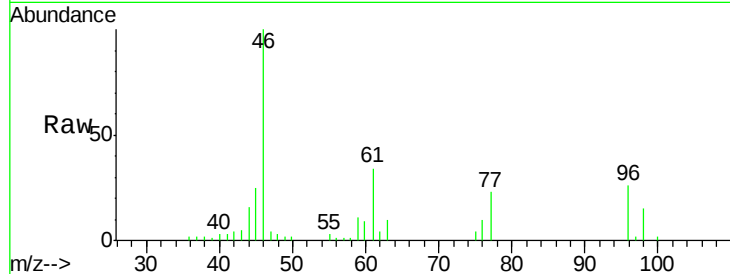
cis-1,2-Dichloroethene
Concen: 0.334 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU032412.D
Acq: 03 Jun 2019 23:04

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Tot Ion	Ratio	Lower	Upper
96	100		
61	128.8	99.0	183.8
68	0.0	0.0	0.0

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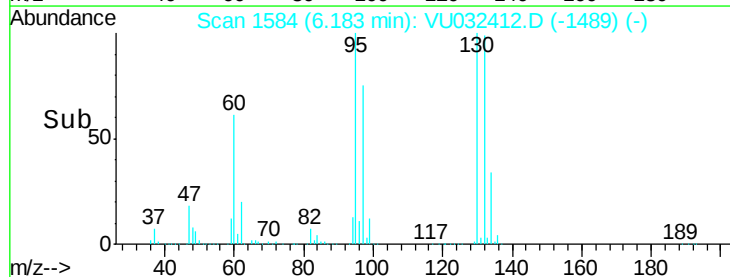
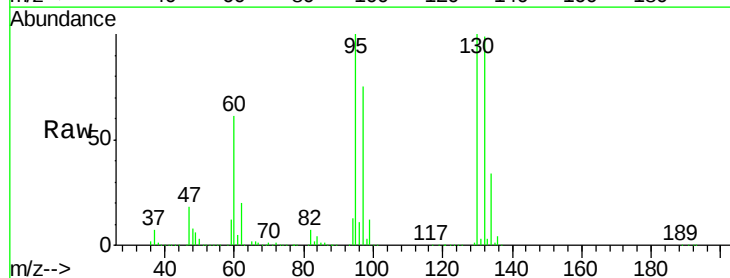
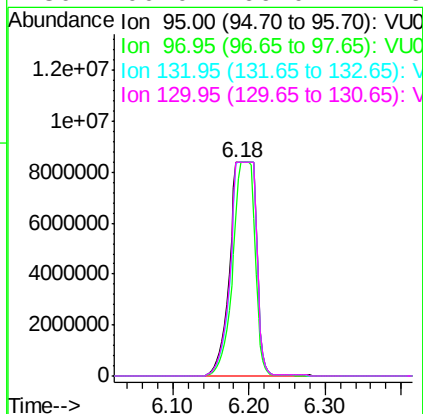
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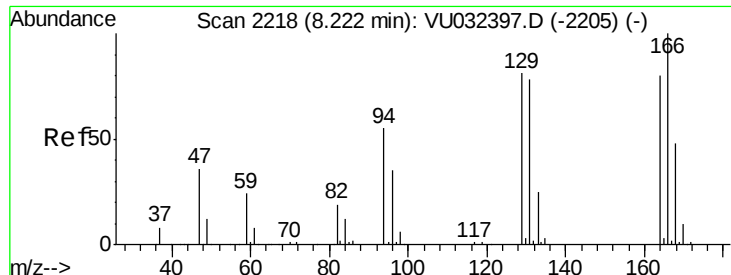


#34

Trichloroethene
Concen: 1356.195 ug/L m
RT: 6.18 min Scan# 1584
Delta R.T. 0.01 min
Lab File: VU032412.D
Acq: 03 Jun 2019 23:04

Tgt Ion	Ratio	Lower	Upper
95	100		
97	74.7	45.8	85.0
132	99.2	63.1	117.1
130	100.0	66.0	122.6





#47

Tetrachloroethene

Concen: 1.142 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032412.D

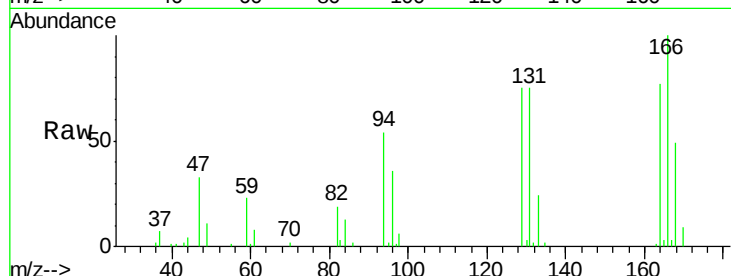
Acq: 03 Jun 2019 23:04

Instrument :

MSVOA_U

ClientSampleId :

GALE3



Tot Ion:164 Resp: 12017

Ion Ratio Lower Upper

164 100

129 98.2 72.1 133.9

131 97.5 71.9 133.5

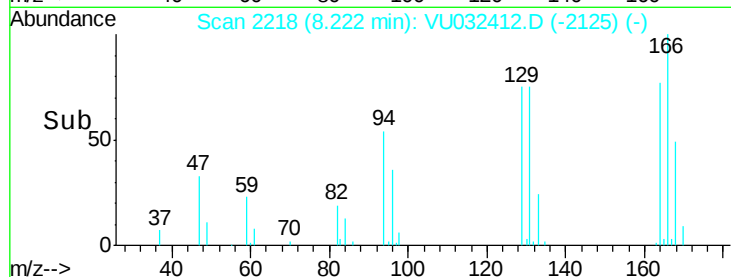
166 130.1 89.0 165.4

Manual Integrations

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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

