

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060319\
 Data File : VU032413.D
 Acq On : 03 Jun 2019 23:29
 Operator : JC/SP
 Sample : K3081-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALE4

Quant Time: Jun 04 09:39:02 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	84509	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	78227	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	34482	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36421	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.67	69	34616	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.40%
11) 1,1-Dichloroethene-d2	2.27	63	58508	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.18	46	112216	60.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.58%
24) Chloroform-d	4.64	84	65226	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	5.30	65	39457	5.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.40%
32) Benzene-d6	5.33	84	123986	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.20%
36) 1,2-Dichloropropane-d6	6.32	67	43602	6.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	120.40%
41) Toluene-d8	7.56	98	109731	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
43) trans-1,3-Dichloropropene-	7.85	79	17211	5.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.40%
46) 2-Hexanone-d5	8.31	63	93538	62.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	35892	5.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	38423	5.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.20%

Target Compounds

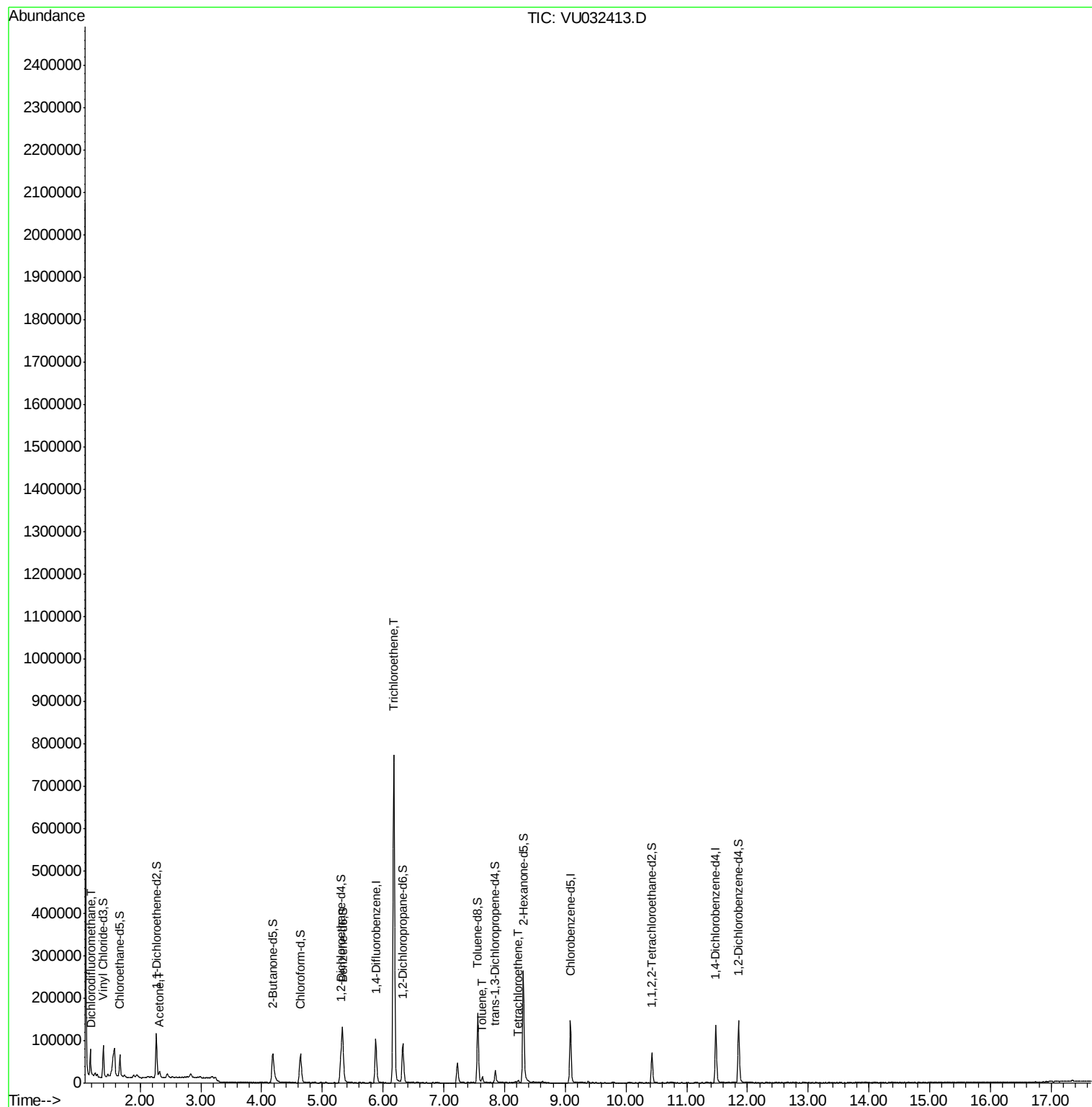
					Ovalue
2) Dichlorodifluoromethane	1.20	85	2153	0.150 ug/L	94
13) Acetone	2.32	43	14512	4.706 ug/L	97
34) Trichloroethene	6.18	95	266702	21.528 ug/L	98
42) Toluene	7.63	91	10526	0.214 ug/L	94
47) Tetrachloroethene	8.23	164	1092	0.126 ug/L	84

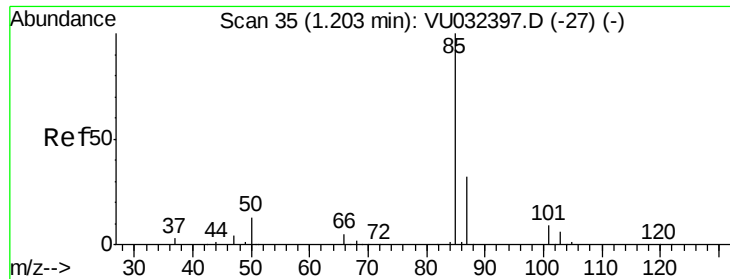
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.150 ug/L

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU032413.D

Acq: 03 Jun 2019 23:29

Instrument :

MSVOA_U

ClientSampleId :

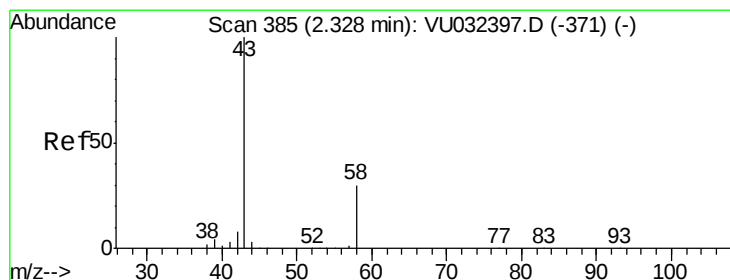
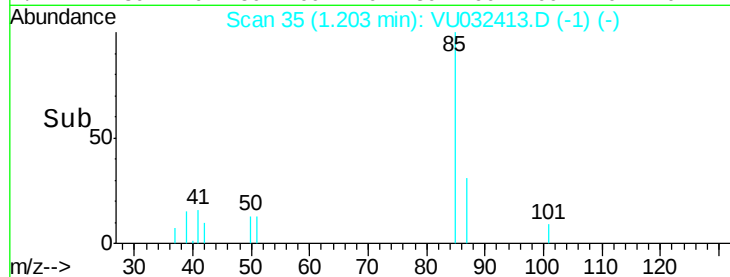
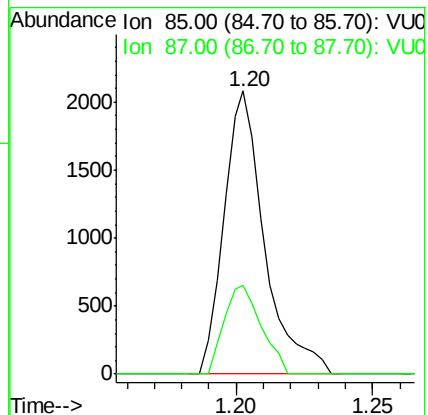
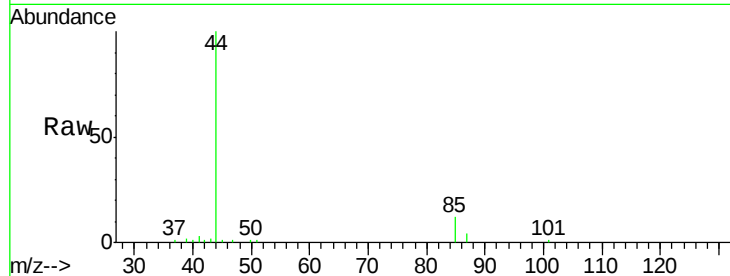
GALE4

Tot Ion: 85 Resp: 2153

Ion Ratio Lower Upper

85 100

87 28.8 25.8 38.8



#13

Acetone

Concen: 4.706 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.01 min

Lab File: VU032413.D

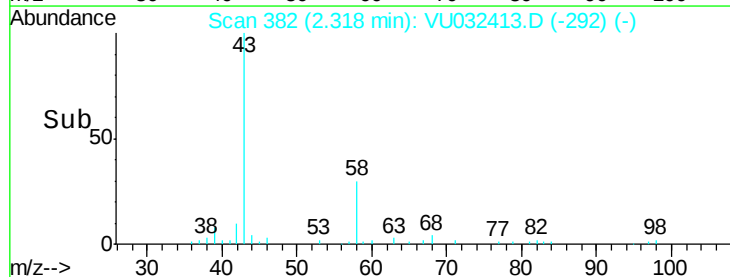
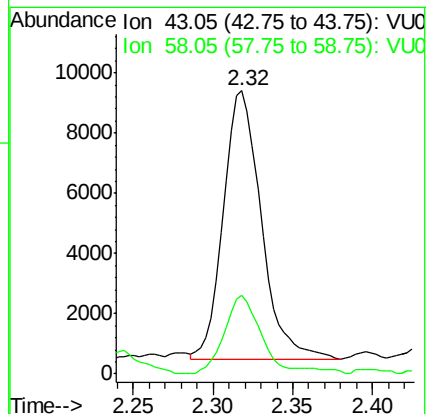
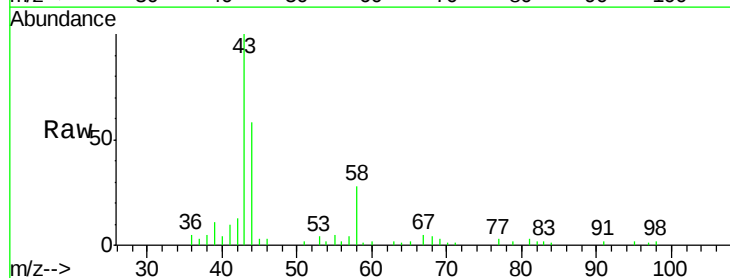
Acq: 03 Jun 2019 23:29

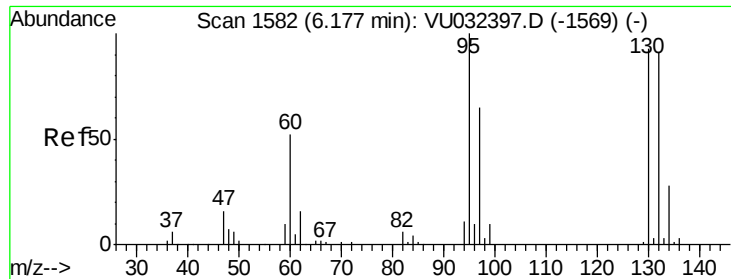
Tgt Ion: 43 Resp: 14512

Ion Ratio Lower Upper

43 100

58 29.5 0.0 62.2

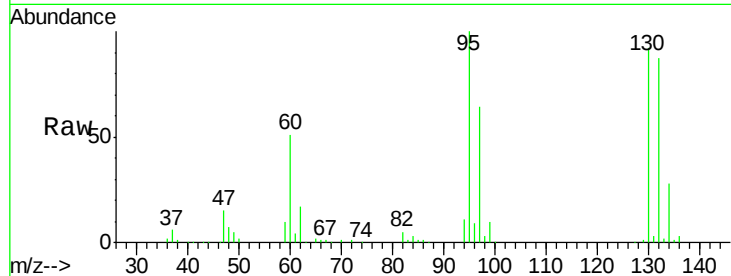




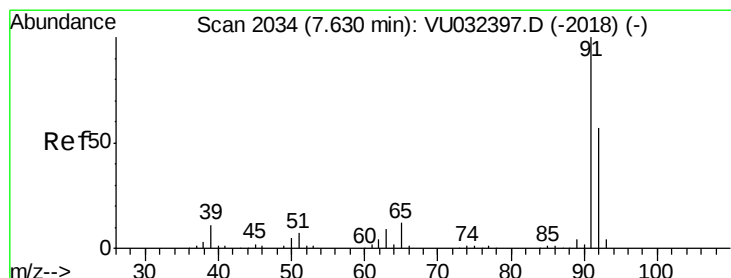
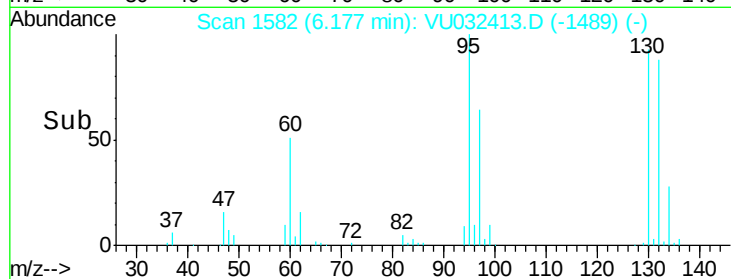
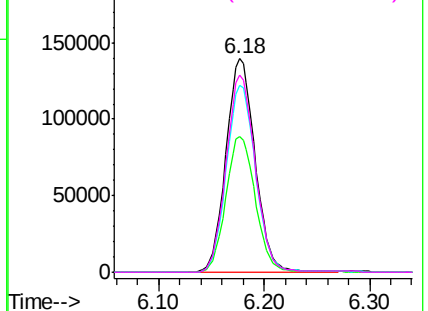
#34
 Trichloroethene
 Concen: 21.528 ug/L
 RT: 6.18 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: VU032413.D
 Acq: 03 Jun 2019 23:29

Instrument :
 MSVOA_U
 ClientSampled :
 GALE4

Tot Ion: 95 Resp: 266702
 Ion Ratio Lower Upper
 95 100
 97 63.8 45.8 85.0
 132 87.4 63.1 117.1
 130 92.5 66.0 122.6

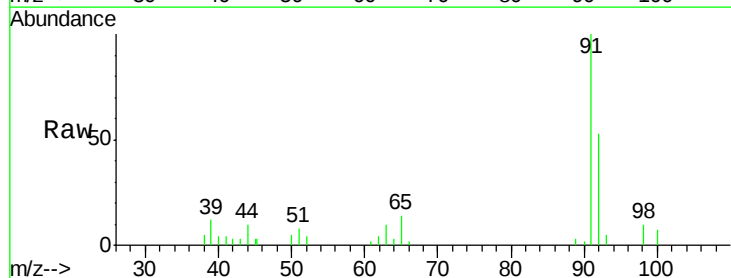


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

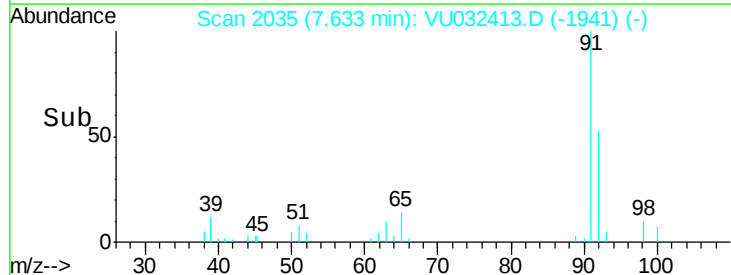
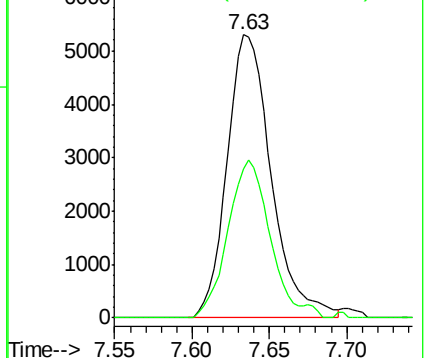


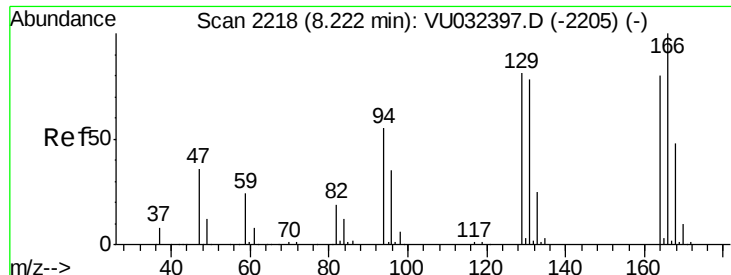
#42
 Toluene
 Concen: 0.214 ug/L
 RT: 7.63 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VU032413.D
 Acq: 03 Jun 2019 23:29

Tgt Ion: 91 Resp: 10526
 Ion Ratio Lower Upper
 91 100
 92 52.8 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0
 Ion 92.15 (91.85 to 92.85): VU0





#47

Tetrachloroethene

Concen: 0.126 ug/L

RT: 8.23 min Scan# 2221

Delta R.T. 0.01 min

Lab File: VU032413.D

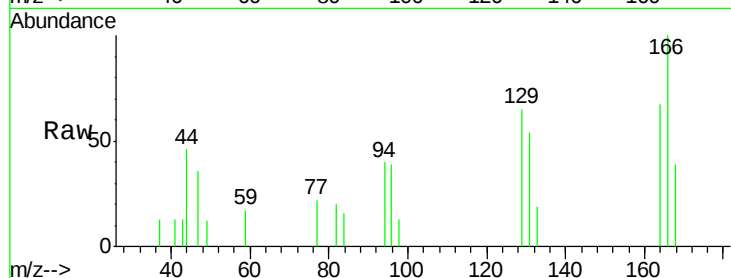
Acq: 03 Jun 2019 23:29

Instrument :

MSVOA_U

ClientSampleId :

GALE4



Tot Ion:164 Resp: 1092

Ion Ratio Lower Upper

164 100

129 96.7 72.1 133.9

131 80.7 71.9 133.5

166 149.1 89.0 165.4

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

