

Data File : VU029989.D
Acq On : 12 Mar 2019 00:34
Operator : JC/SP
Sample : K1763-01 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0956

Quant Time: Mar 12 07:11:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 12 07:07:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	529606	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	499507	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	243576	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	179195	51.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.30%
7) Chloroethane-d5	1.68	69	147022	51.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.98%
11) 1,1-Dichloroethene-d2	2.27	63	244719	38.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.40%
21) 2-Butanone-d5	4.17	46	268708	102.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.38%
24) Chloroform-d	4.65	84	309737	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.58%
26) 1,2-Dichloroethane-d4	5.31	65	187121	51.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.08%
32) Benzene-d6	5.34	84	682179	53.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.10%
36) 1,2-Dichloropropane-d6	6.33	67	205734	52.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.56%
41) Toluene-d8	7.56	98	623897	51.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.64%
43) trans-1,3-Dichloropropene-	7.85	79	94133	49.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.76%
47) 2-Hexanone-d5	8.31	63	221777	100.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	301362	49.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	250069	53.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

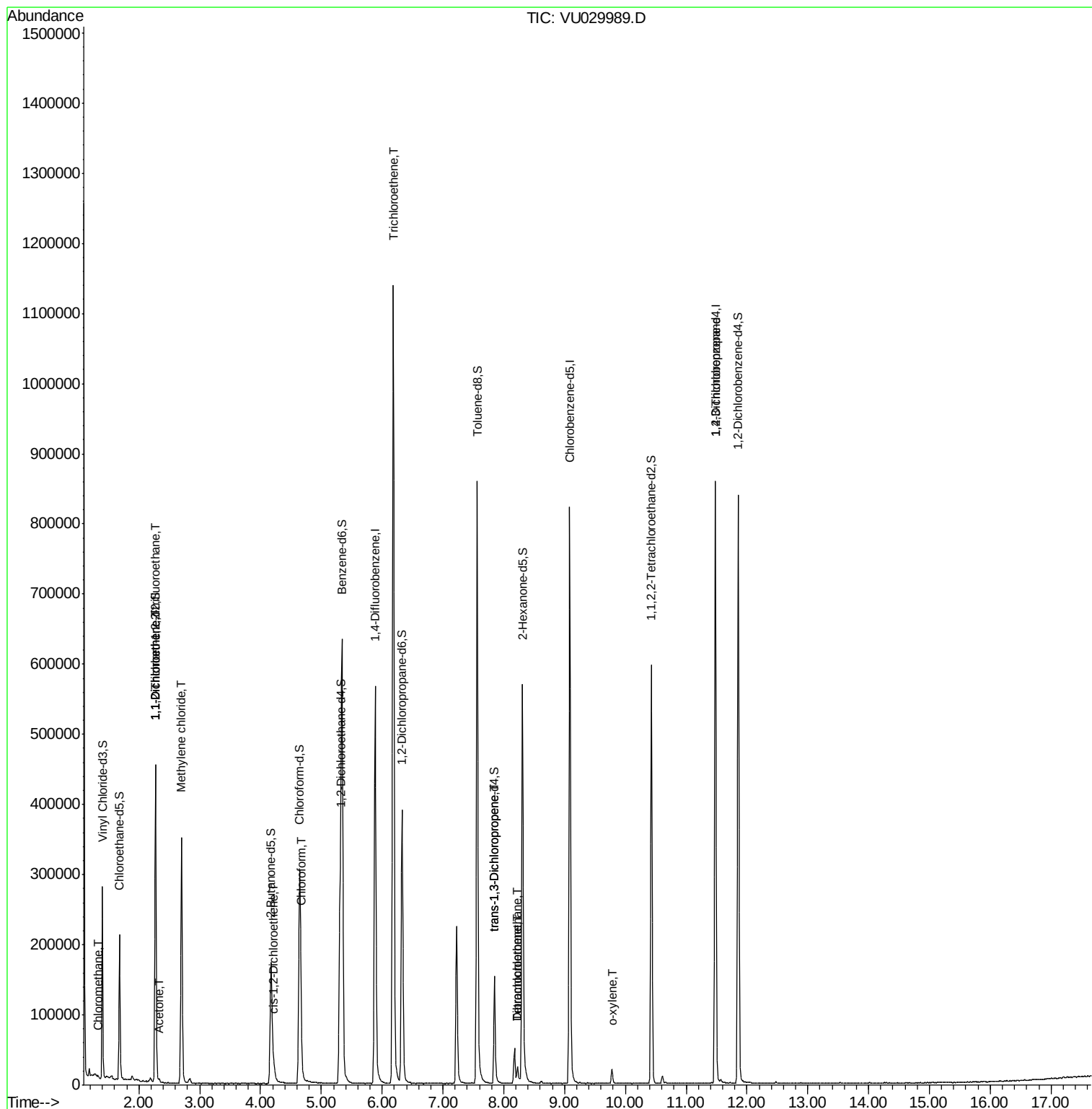
					Qvalue
3) Chloromethane	1.33	50	2759	0.747 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	2843	0.817 ug/L #	25
12) 1,1-Dichloroethene	2.28	96	7040	2.121 ug/L #	1
13) Acetone	2.32	43	1676	0.546 ug/L	92
16) Methylene chloride	2.70	84	167310	42.685 ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	7026	1.707 ug/L	96
25) Chloroform	4.67	83	22892	3.514 ug/L	100
34) Trichloroethene	6.18	95	410078	109.466 ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	3498	0.655 ug/L	96
46) Tetrachloroethene	8.23	164	5325	1.624 ug/L	93
49) Dibromochloromethane	8.23	129	4838	1.152 ug/L #	10
54) o-xylene	9.78	106	6179	0.950 ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	25540	5.216 ug/L	97

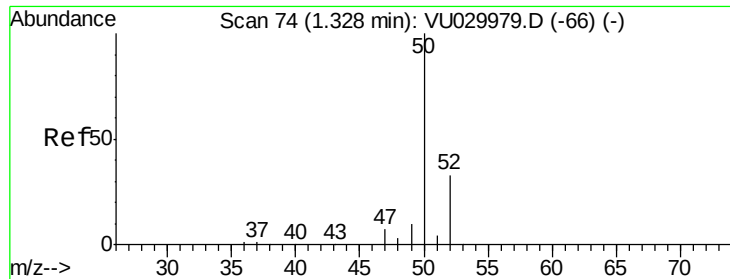
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.747 ug/L

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU029989.D

Acq: 12 Mar 2019 00:34

Instrument :

MSVOA_U

ClientSampled :

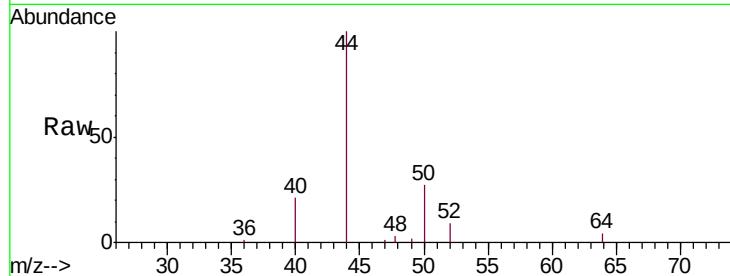
C0956

Tgt Ion: 50 Resp: 2759

Ion Ratio Lower Upper

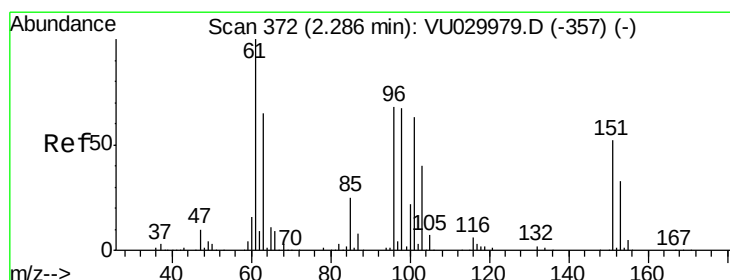
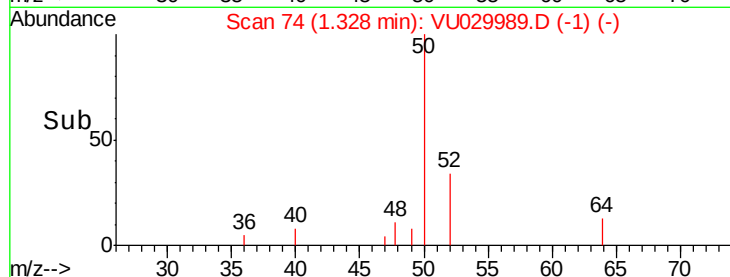
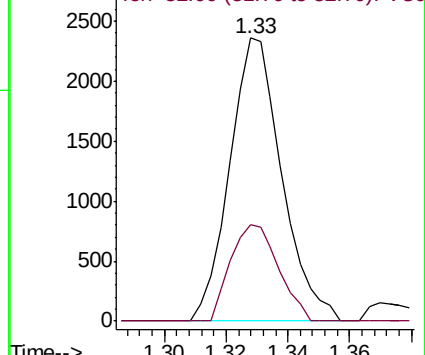
50 100

52 34.2 23.4 43.6



Abundance Ion 50.00 (49.70 to 50.70): VU029979.D (-66) (-)

Ion 52.00 (51.70 to 52.70): VU029979.D (-66) (-)



#10

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

Concen: 0.817 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU029989.D

Acq: 12 Mar 2019 00:34

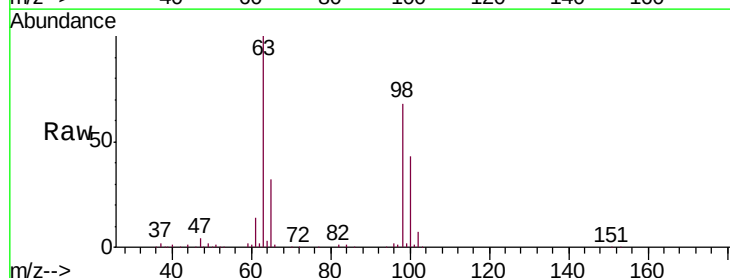
Tgt Ion: 101 Resp: 2843

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

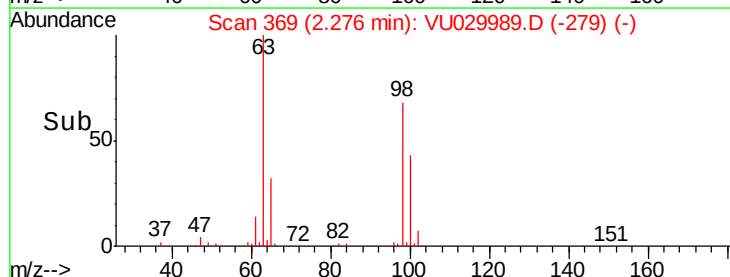
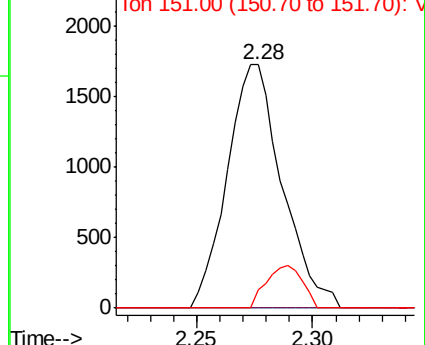
151 11.5 66.1 99.1#

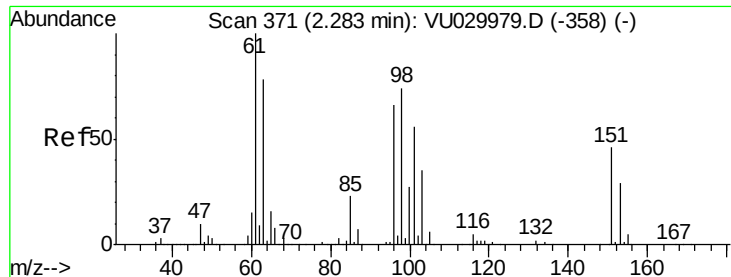


Abundance Ion 101.00 (100.70 to 101.70): VU029979.D (-357) (-)

Ion 85.00 (84.70 to 85.70): VU029979.D (-357) (-)

Ion 151.00 (150.70 to 151.70): VU029979.D (-357) (-)

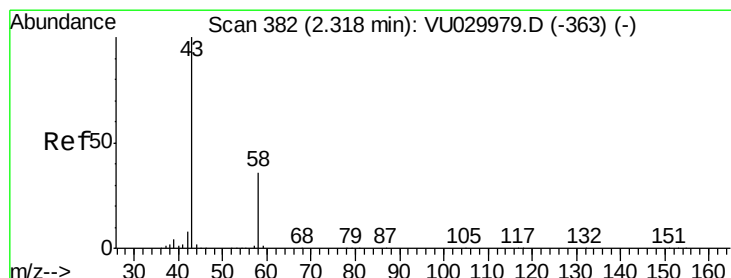
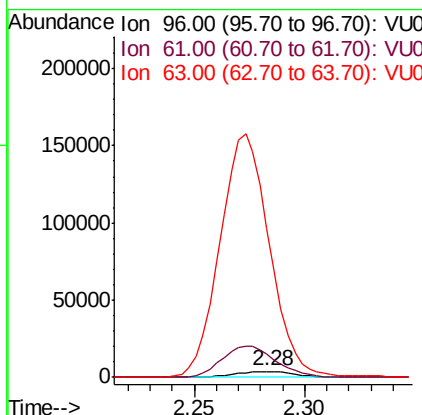
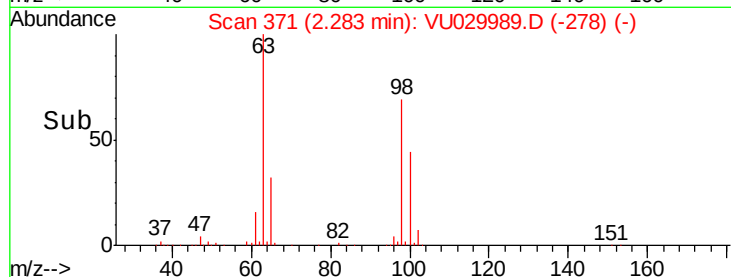
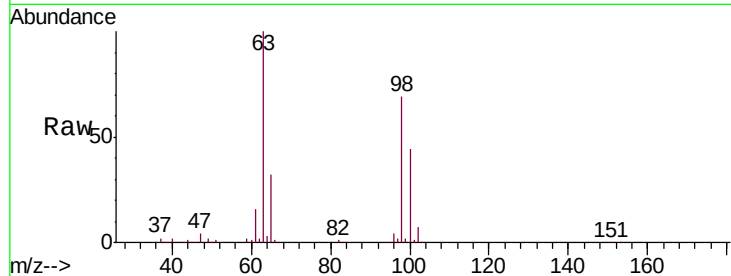




#12
 1,1-Dichloroethene
 Concen: 2.121 ug/L
 RT: 2.28 min Scan# 371
 Delta R.T. -0.00 min
 Lab File: VU029989.D
 Acq: 12 Mar 2019 00:34

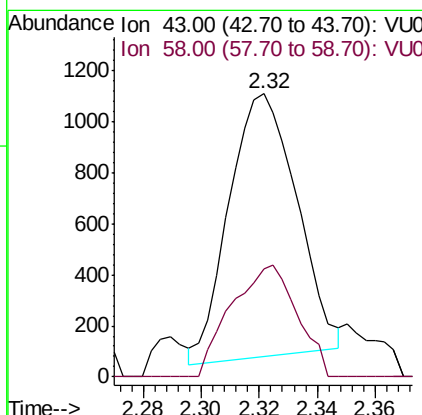
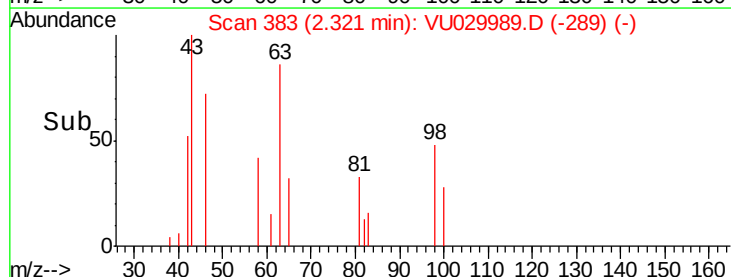
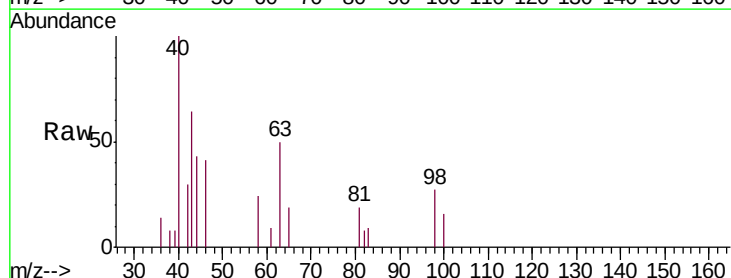
Instrument :
 MSVOA_U
 ClientSampleId :
 C0956

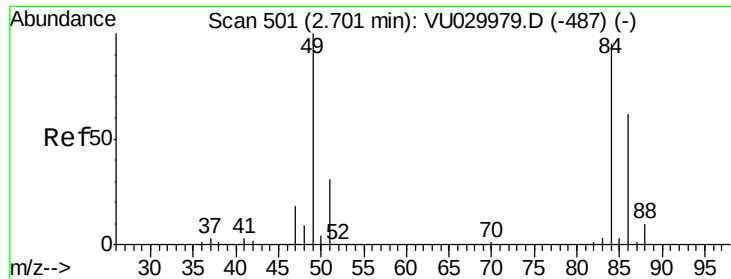
Tgt Ion: 96 Resp: 7040
 Ion Ratio Lower Upper
 96 100
 61 373.6 110.4 205.0#
 63 2409.4 86.5 160.7#



#13
 Acetone
 Concen: 0.546 ug/L
 RT: 2.32 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VU029989.D
 Acq: 12 Mar 2019 00:34

Tgt Ion: 43 Resp: 1676
 Ion Ratio Lower Upper
 43 100
 58 41.2 0.0 73.0

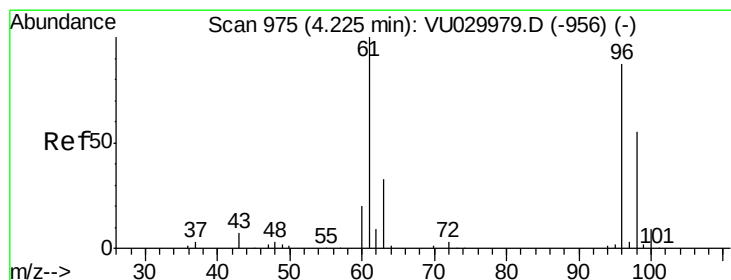
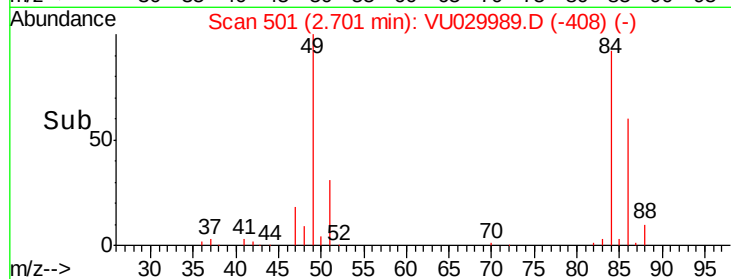
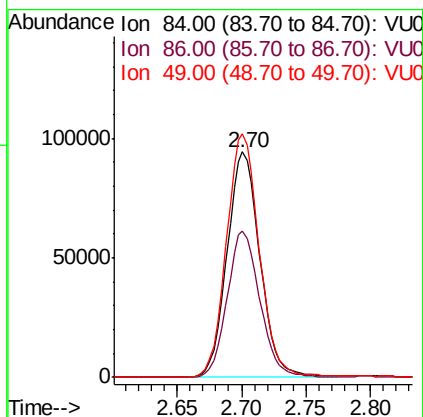
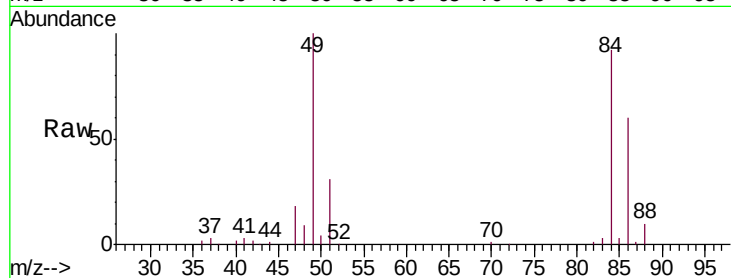




#16
Methylene chloride
Concen: 42.685 ug/L
RT: 2.70 min Scan# 501
Delta R.T. -0.00 min
Lab File: VU029989.D
Acq: 12 Mar 2019 00:34

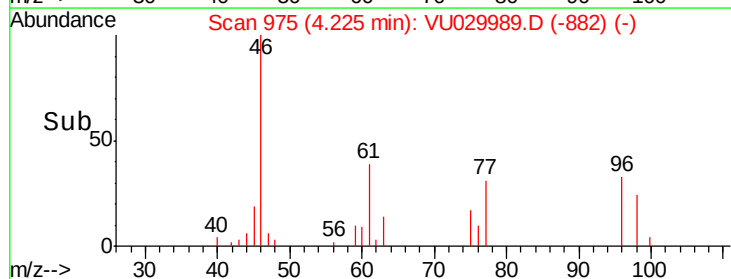
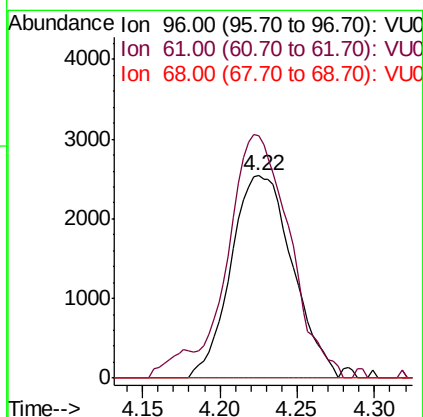
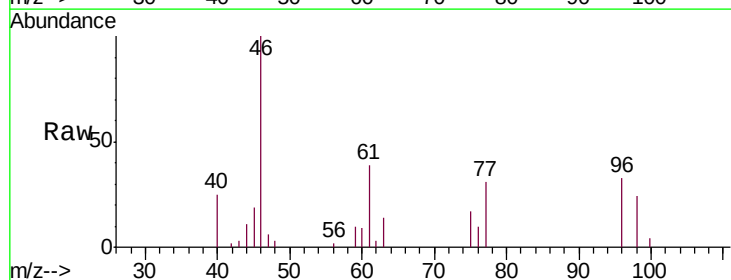
Instrument :
MSVOA_U
ClientSampled :
C0956

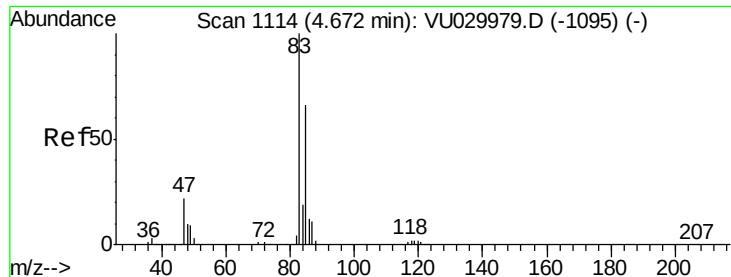
Tgt Ion: 84 Resp: 167310
Ion Ratio Lower Upper
84 100
86 64.9 45.2 84.0
49 108.1 73.6 136.6



#20
cis-1,2-Dichloroethene
Concen: 1.707 ug/L
RT: 4.22 min Scan# 975
Delta R.T. -0.00 min
Lab File: VU029989.D
Acq: 12 Mar 2019 00:34

Tgt Ion: 96 Resp: 7026
Ion Ratio Lower Upper
96 100
61 119.9 80.8 150.2
68 0.0 0.0 0.0

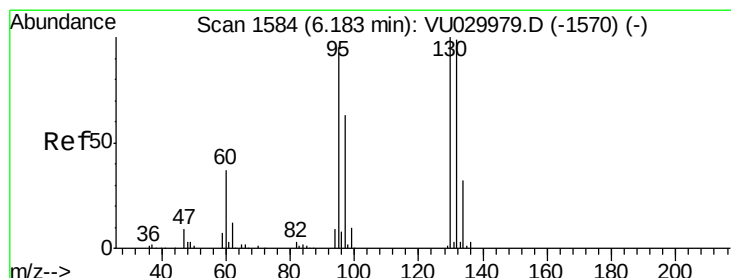
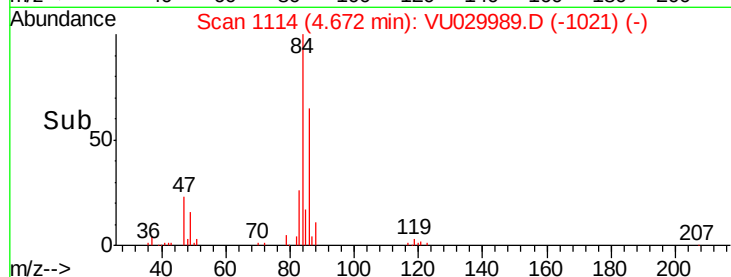
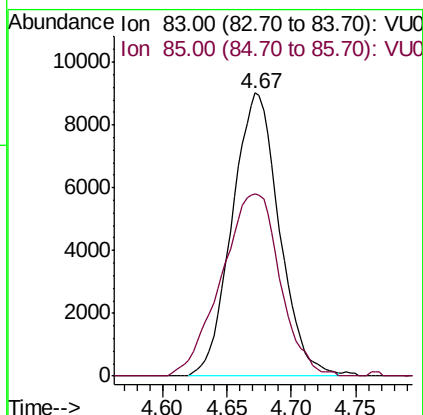
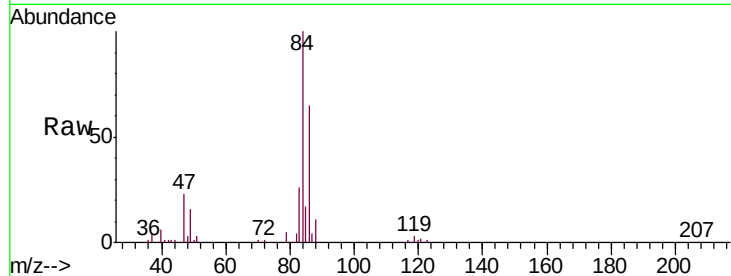




#25
Chloroform
Concen: 3.514 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VU029989.D
Acq: 12 Mar 2019 00:34

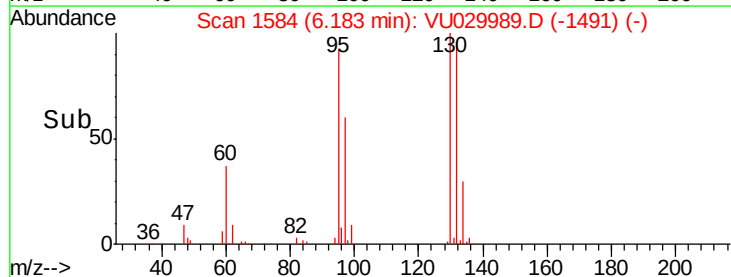
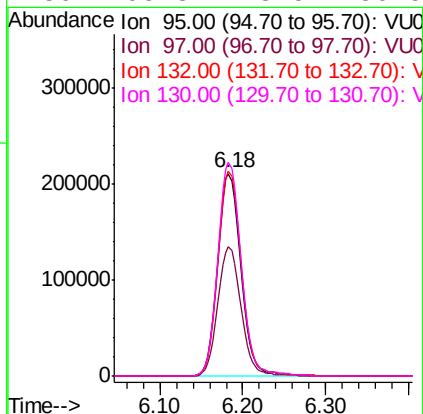
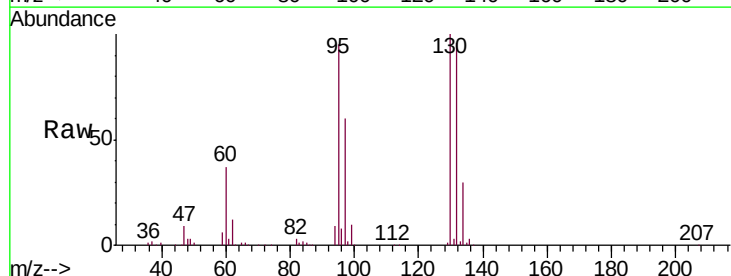
Instrument :
MSVOA_U
ClientSampleId :
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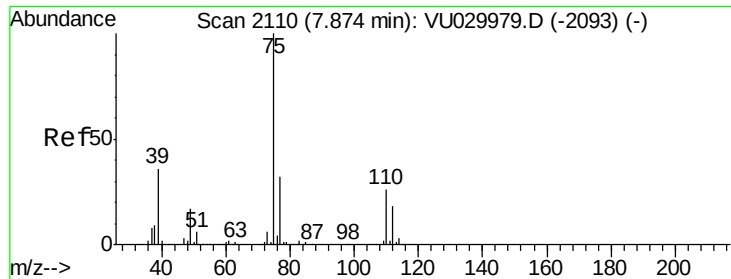
Tgt Ion: 83 Resp: 22892
Ion Ratio Lower Upper
83 100
85 64.2 44.9 83.5



#34
Trichloroethene
Concen: 109.466 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU029989.D
Acq: 12 Mar 2019 00:34

Tgt Ion: 95 Resp: 410078
Ion Ratio Lower Upper
95 100
97 63.5 45.5 84.5
132 100.9 71.5 132.7
130 105.3 73.5 136.5





#44

trans-1,3-Dichloropropene

Concen: 0.655 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU029989.D

Acq: 12 Mar 2019 00:34

Instrument :

MSVOA_U

ClientSampleId :

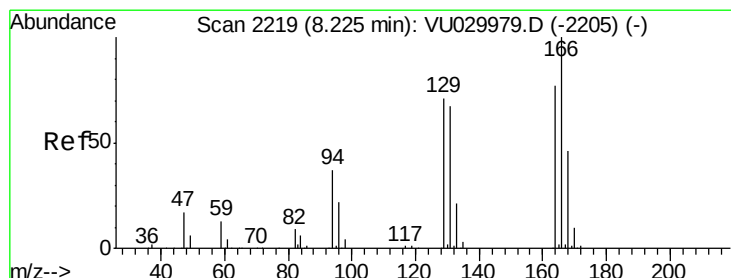
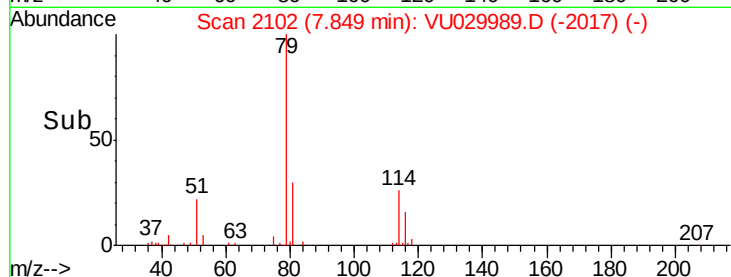
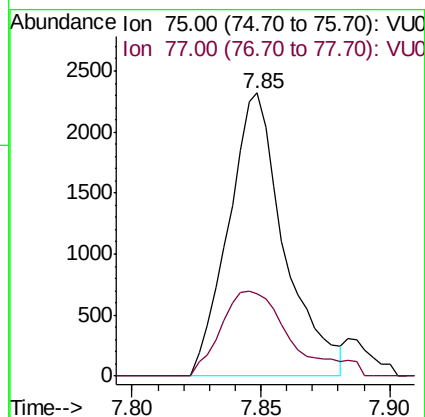
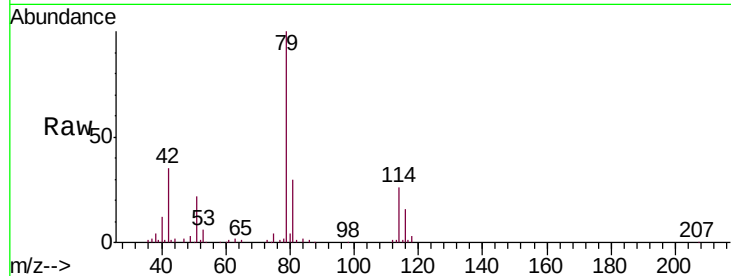
C0956

Tgt Ion: 75 Resp: 3498

Ion Ratio Lower Upper

75 100

77 29.1 21.9 40.7



#46

Tetrachloroethene

Concen: 1.624 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.00 min

Lab File: VU029989.D

Acq: 12 Mar 2019 00:34

Tgt Ion: 164 Resp: 5325

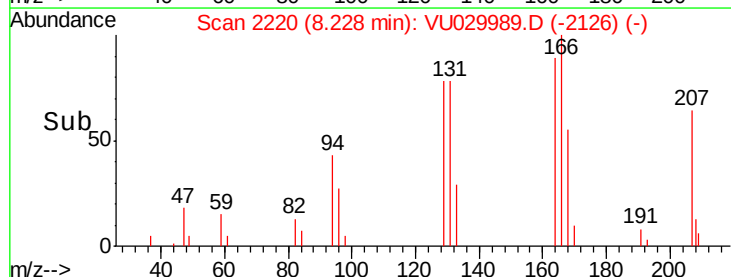
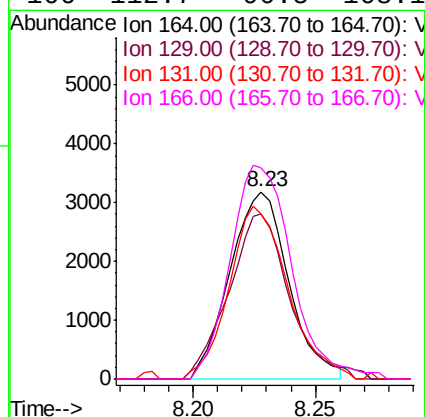
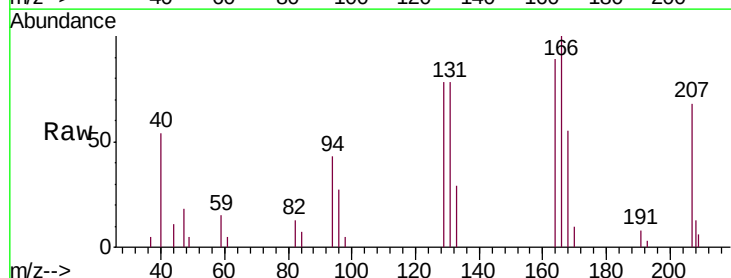
Ion Ratio Lower Upper

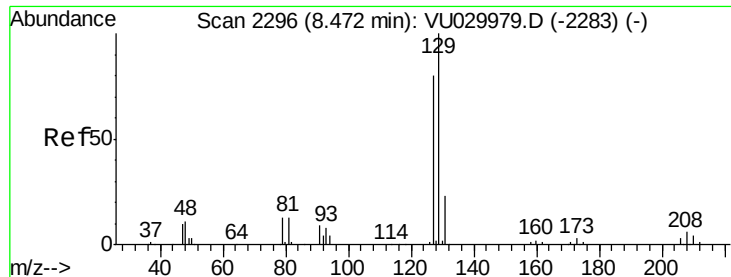
164 100

129 88.3 63.3 117.7

131 88.4 62.0 115.2

166 112.7 90.5 168.1

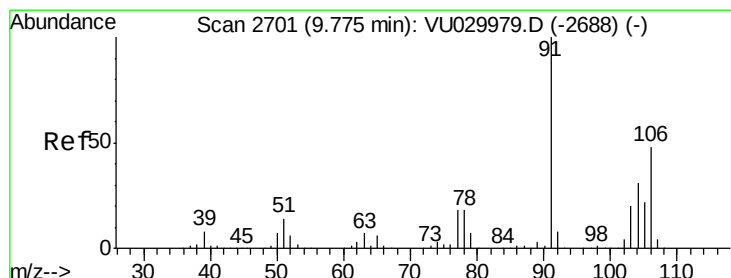
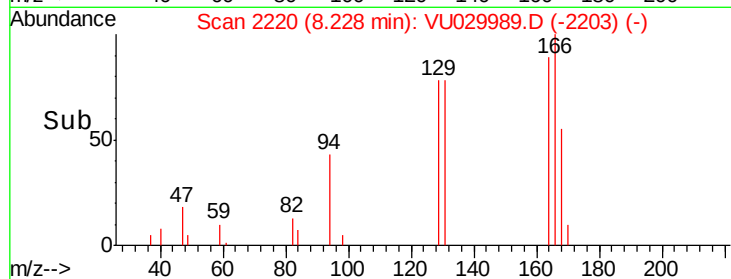
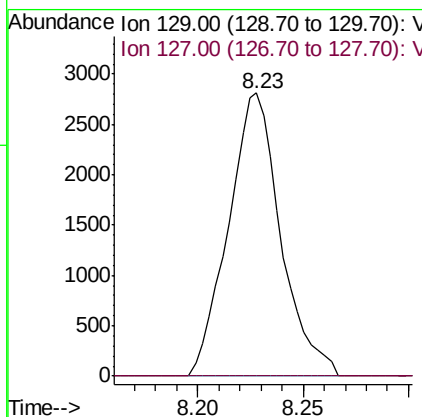
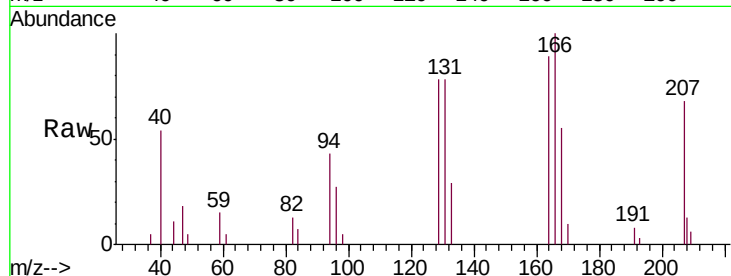




#49
Dibromochloromethane
Concen: 1.152 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. -0.24 min
Lab File: VU029989.D
Acq: 12 Mar 2019 00:34

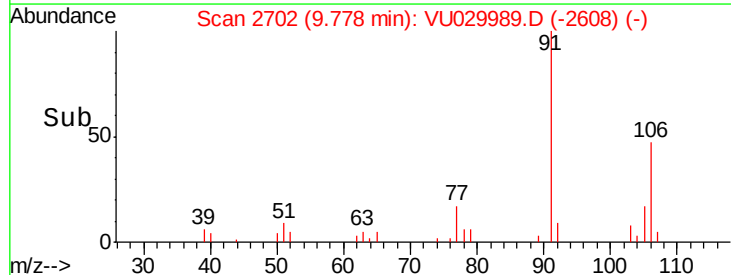
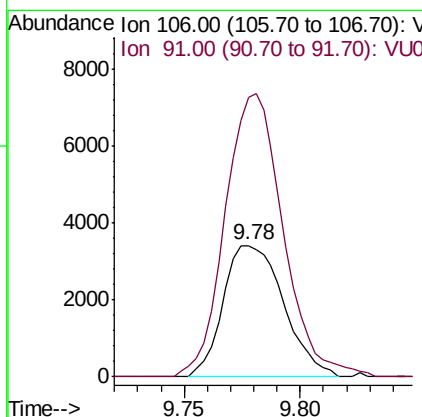
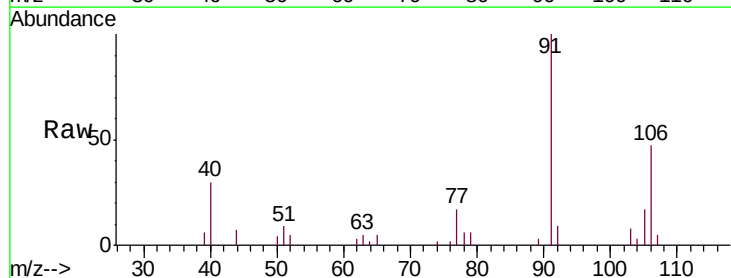
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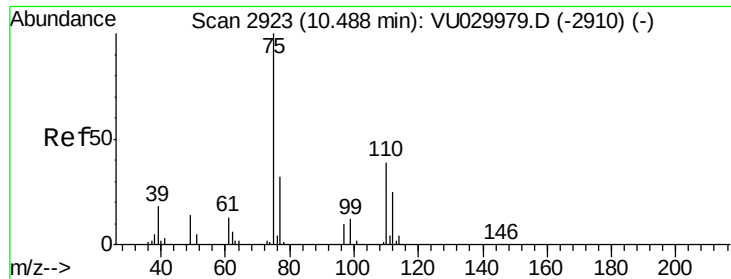
Tgt Ion:129 Resp: 4838
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.4#



#54
o-xylene
Concen: 0.950 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU029989.D
Acq: 12 Mar 2019 00:34

Tgt Ion:106 Resp: 6179
Ion Ratio Lower Upper
106 100
91 212.1 144.5 268.4





#59

1,2,3-Trichloropropane

Concen: 5.216 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029989.D

Acq: 12 Mar 2019 00:34

Instrument :

MSVOA_U

ClientSampleId :

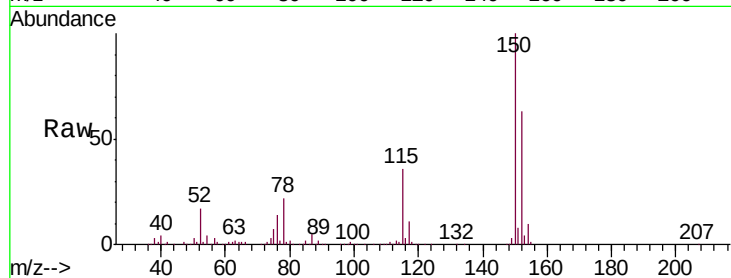
C0956

Tgt Ion: 75 Resp: 25540

Ion Ratio Lower Upper

75 100

77 34.2 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

