

Data File : VU027794.D
Acq On : 24 Oct 2018 19:00
Operator : MD/SY
Sample : J5599-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H1A02

Quant Time: Oct 25 07:24:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 07:21:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	37466	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	36995	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	18008	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	13920	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.68	69	10991	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.28	63	20537	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	4.20	46	48312	52.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.06%
24) Chloroform-d	4.65	84	23482	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.31	65	15970	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.34	84	48467	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.33	67	16801	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.57	98	45429	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.85	79	6662	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.31	63	40288	51.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	12897	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	17272	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

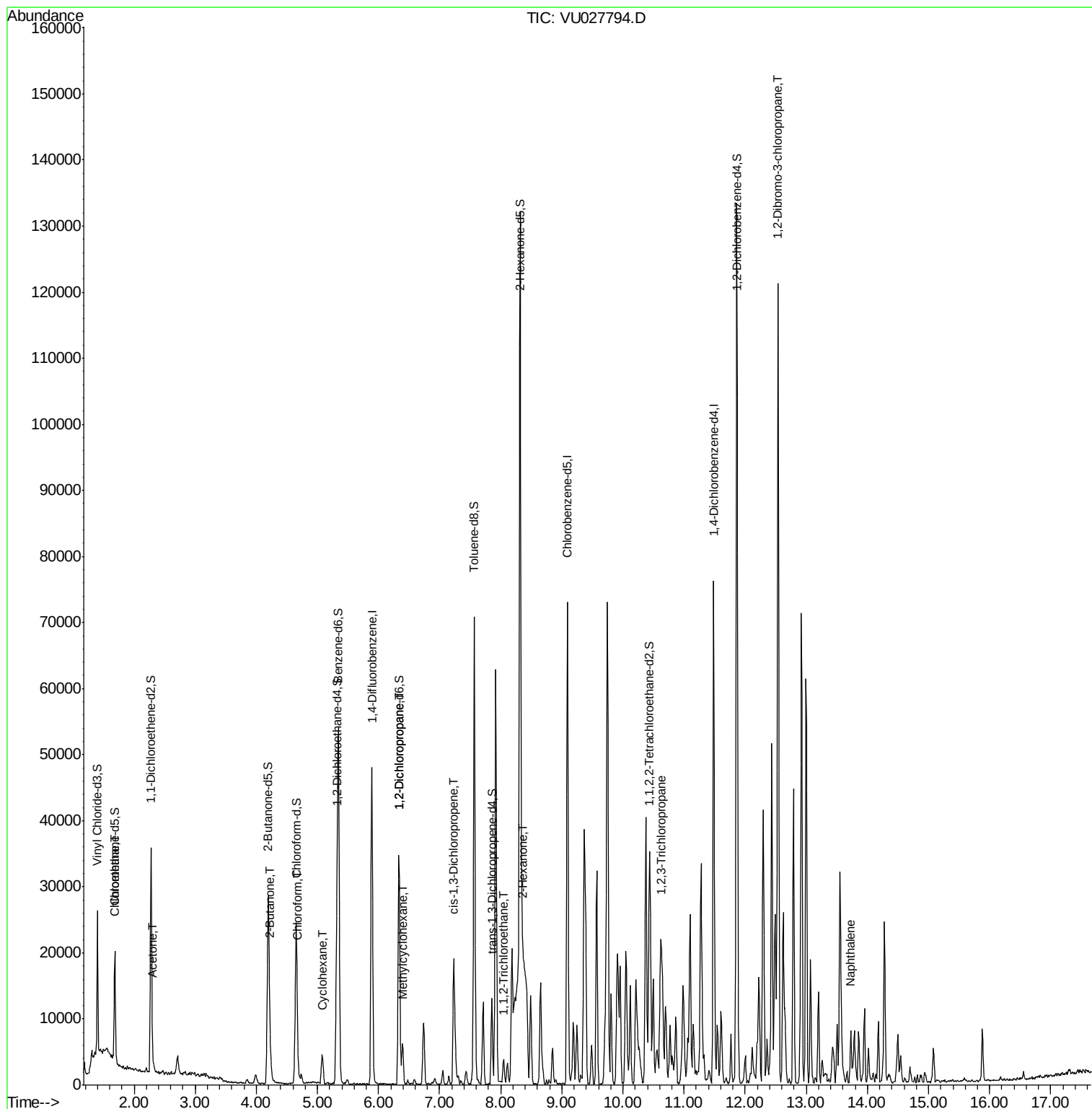
						Qvalue
8) Chloroethane	1.70	64	808	0.381	ug/L #	60
13) Acetone	2.31	43	719	1.074	ug/L #	49
21) 2-Butanone	4.22	43	1290	1.174	ug/L #	55
25) Chloroform	4.68	83	2202	0.378	ug/L	81
30) Cyclohexane	5.08	56	2372	0.398	ug/L #	22
35) Methylcyclohexane	6.40	83	1238	0.233	ug/L #	12
37) 1,2-Dichloropropane	6.33	63	1955	0.542	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	470	0.091	ug/L	97
45) 1,1,2-Trichloroethane	8.04	97	1268	0.582	ug/L #	14
48) 2-Hexanone	8.37	43	596	0.311	ug/L #	41
59) 1,2,3-Trichloropropane	10.61	75	208	0.092	ug/L #	1
66) 1,2-Dibromo-3-chloropropan	12.54	75	953	2.009	ug/L #	13
69) Naphthalene	13.73	128	1022	0.143	ug/L #	1

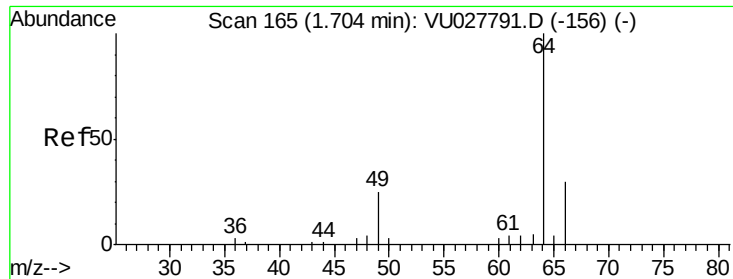
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU027794.D
Acq On : 24 Oct 2018 19:00
Operator : MD/SY
Sample : J5599-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H1A02

Quant Time: Oct 25 07:24:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 07:21:42 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.381 ug/L

RT: 1.70 min Scan# 163

Delta R.T. -0.01 min

Lab File: VU027794.D

Acq: 24 Oct 2018 19:00

Instrument :

MSVOA_U

ClientSampled :

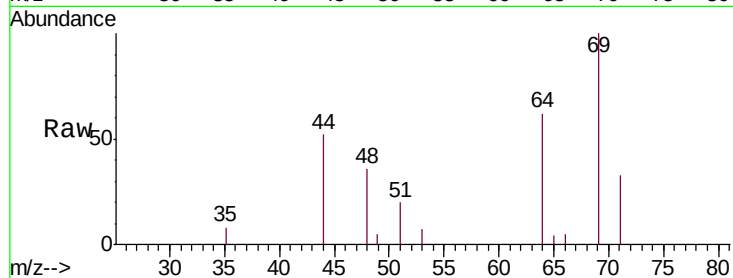
H1A02

Tgt Ion: 64 Resp: 808

Ion Ratio Lower Upper

64 100

66 7.5 20.3 37.7#



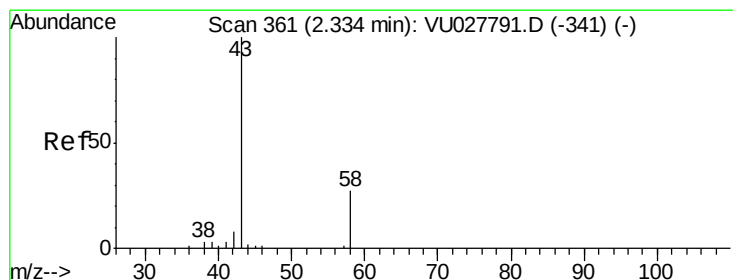
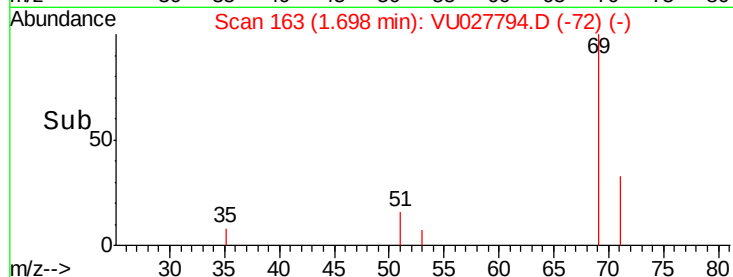
Abundance Ion 64.10 (63.80 to 64.80): VU027794.D (-156) (-)

Ion 66.05 (65.75 to 66.75): VU027794.D (-156) (-)

1.70

1.75

Time-->



#13

Acetone

Concen: 1.074 ug/L

RT: 2.31 min Scan# 352

Delta R.T. -0.03 min

Lab File: VU027794.D

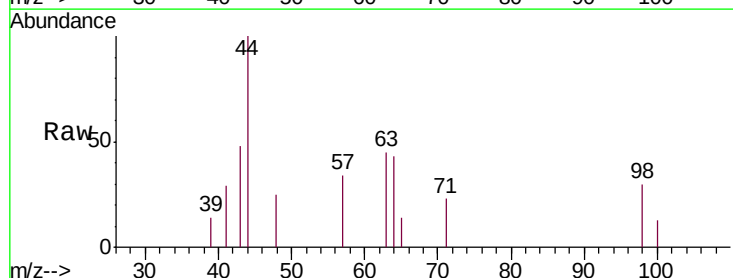
Acq: 24 Oct 2018 19:00

Tgt Ion: 43 Resp: 719

Ion Ratio Lower Upper

43 100

58 0.0 0.0 52.8



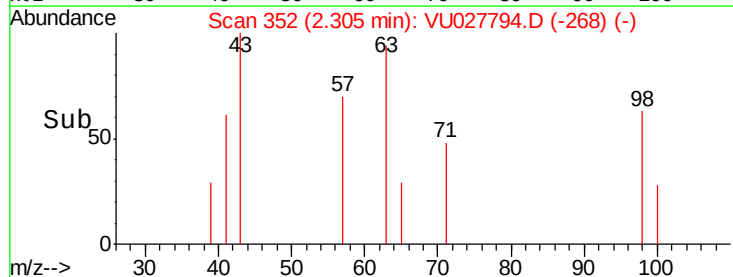
Abundance Ion 43.05 (42.75 to 43.75): VU027794.D (-341) (-)

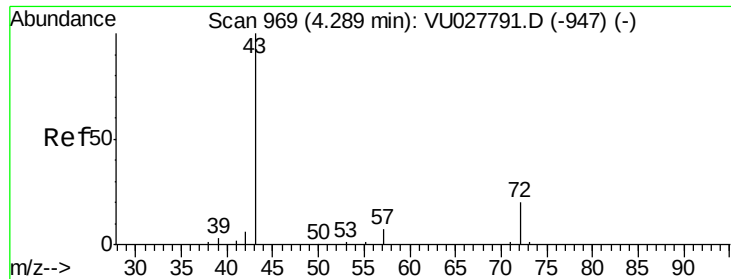
Ion 58.05 (57.75 to 58.75): VU027794.D (-341) (-)

2.31

2.32

Time-->

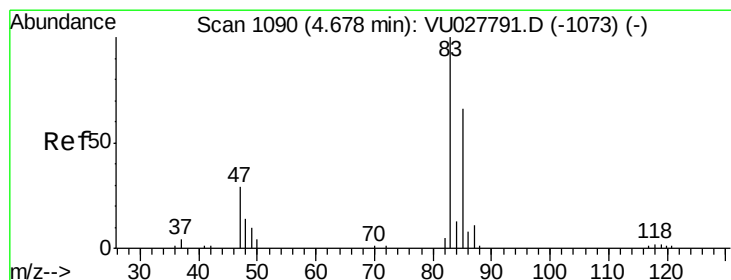
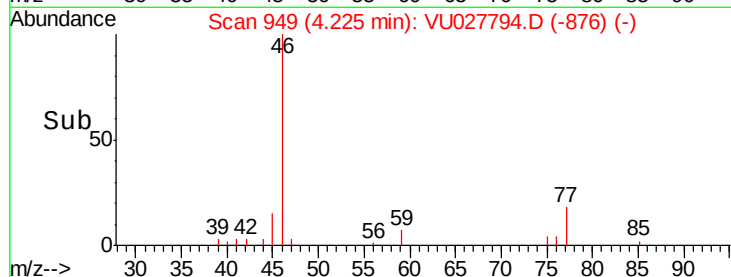
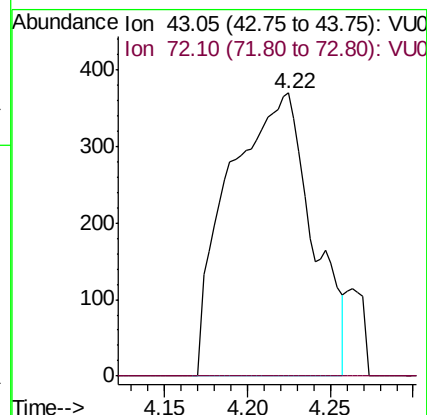
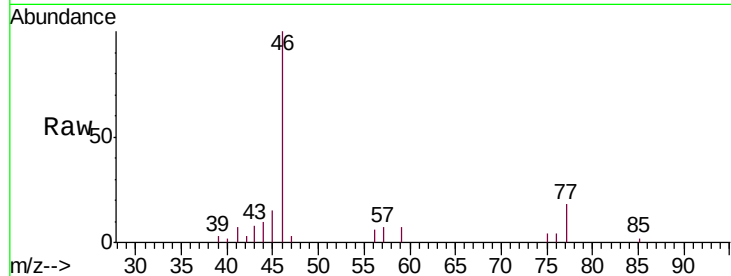




#21
2-Butanone
Concen: 1.174 ug/L
RT: 4.22 min Scan# 949
Delta R.T. -0.06 min
Lab File: VU027794.D
Acq: 24 Oct 2018 19:00

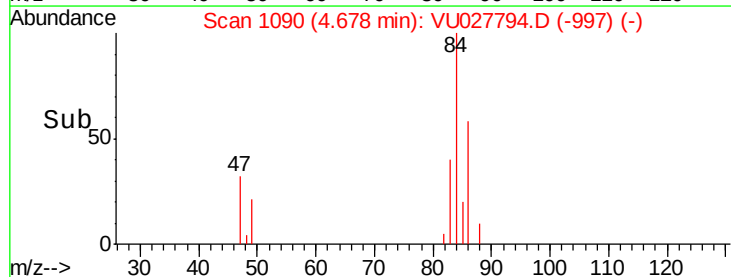
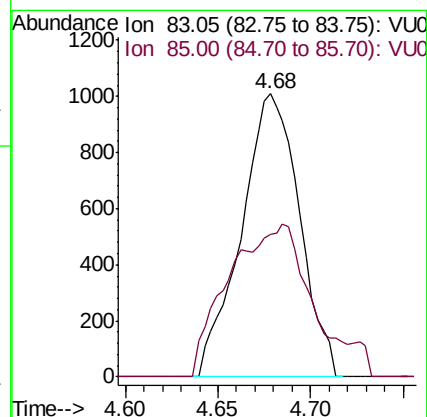
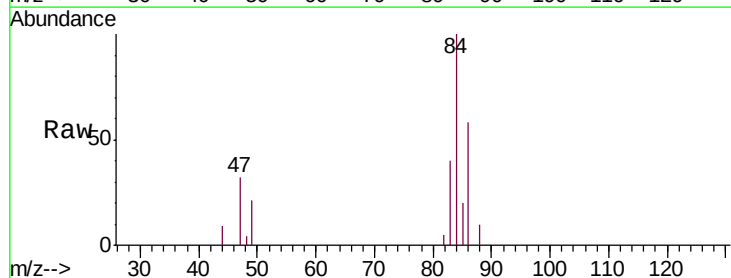
Instrument :
MSVOA_U
ClientSampleId :
H1A02

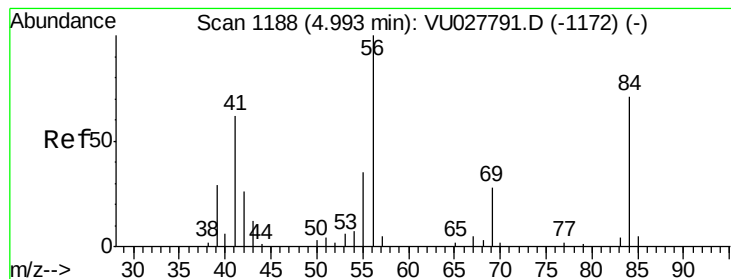
Tgt Ion: 43 Resp: 1290
Ion Ratio Lower Upper
43 100
72 0.0 10.5 31.6#



#25
Chloroform
Concen: 0.378 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027794.D
Acq: 24 Oct 2018 19:00

Tgt Ion: 83 Resp: 2202
Ion Ratio Lower Upper
83 100
85 50.5 45.8 85.2





#30

Cyclohexane

Concen: 0.398 ug/L

RT: 5.08 min Scan# 1214

Delta R.T. 0.08 min

Lab File: VU027794.D

Acq: 24 Oct 2018 19:00

Instrument :

MSVOA_U

ClientSampleId :

H1A02

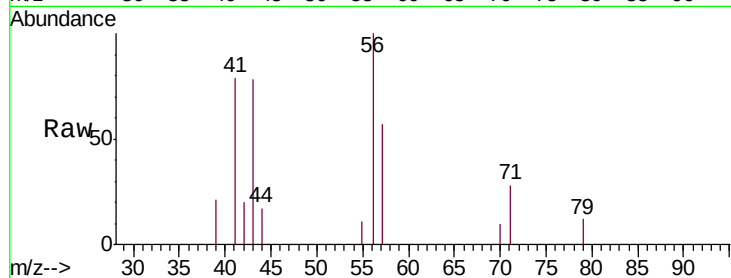
Tgt Ion: 56 Resp: 2372

Ion Ratio Lower Upper

56 100

69 0.0 22.2 33.4#

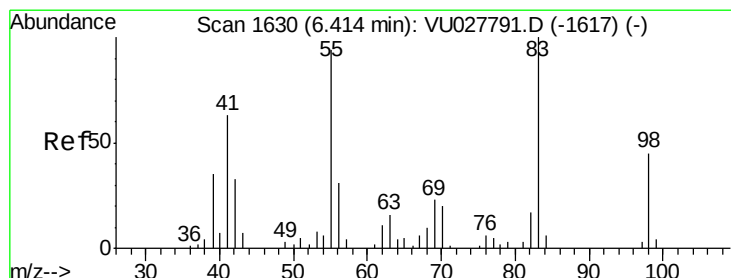
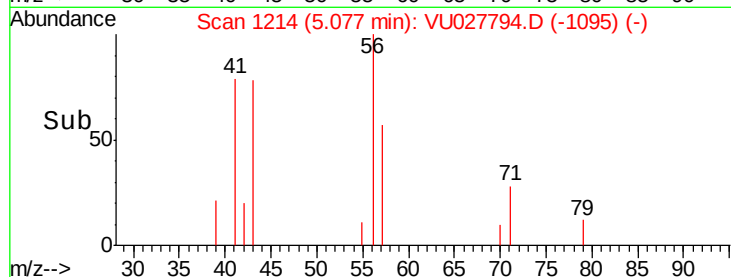
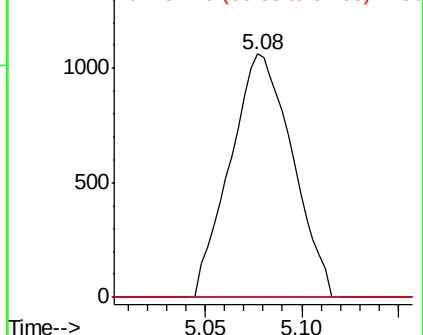
84 0.0 58.6 88.0#



Abundance Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0



#35

Methylcyclohexane

Concen: 0.233 ug/L

RT: 6.40 min Scan# 1624

Delta R.T. -0.02 min

Lab File: VU027794.D

Acq: 24 Oct 2018 19:00

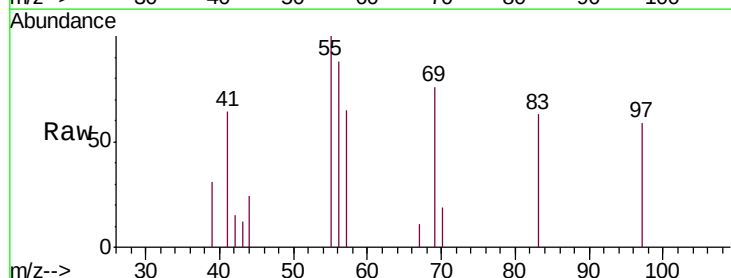
Tgt Ion: 83 Resp: 1238

Ion Ratio Lower Upper

83 100

55 181.0 71.5 107.3#

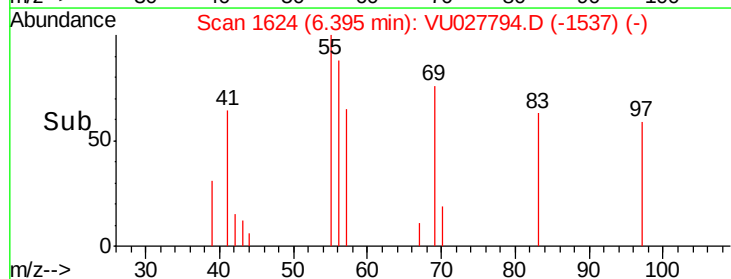
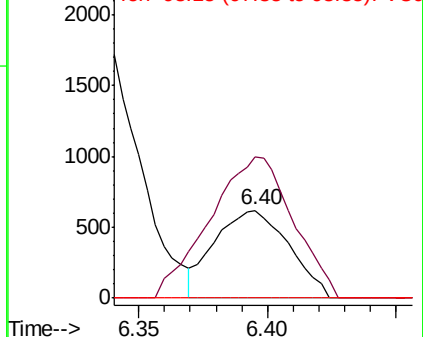
98 0.0 35.4 53.0#

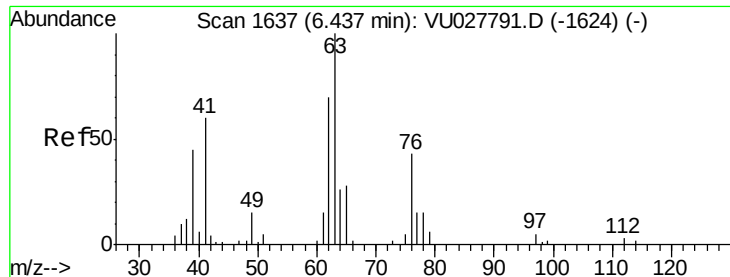


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

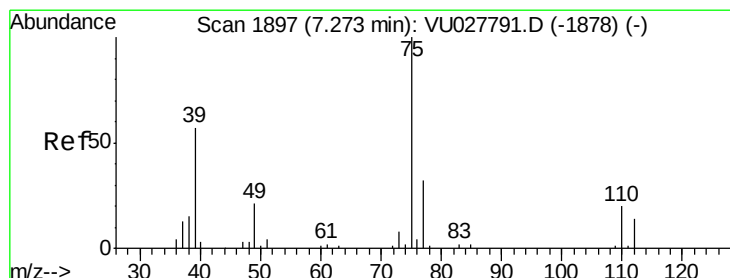
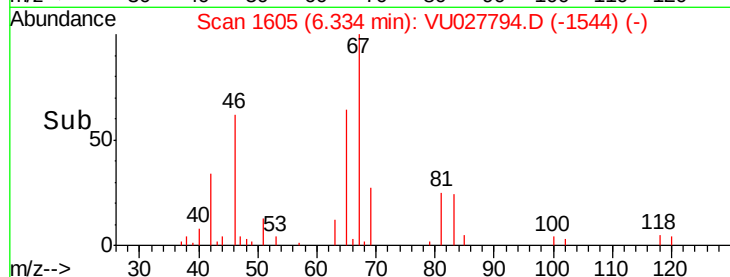
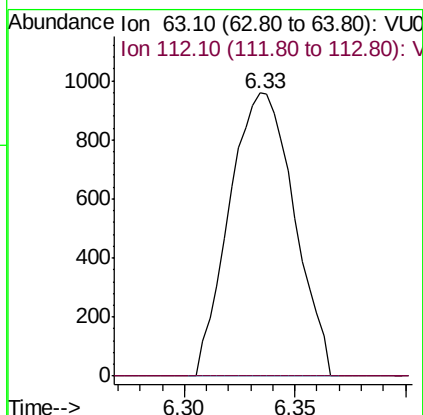
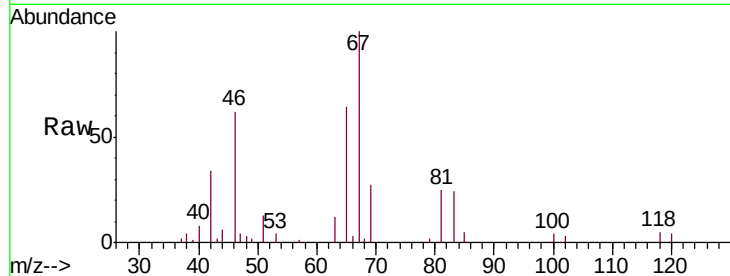




#37
 1,2-Dichloropropane
 Concen: 0.542 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU027794.D
 Acq: 24 Oct 2018 19:00

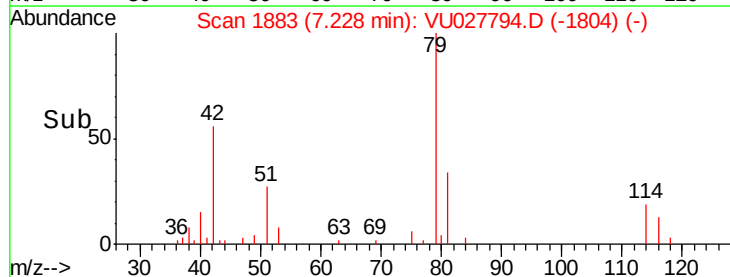
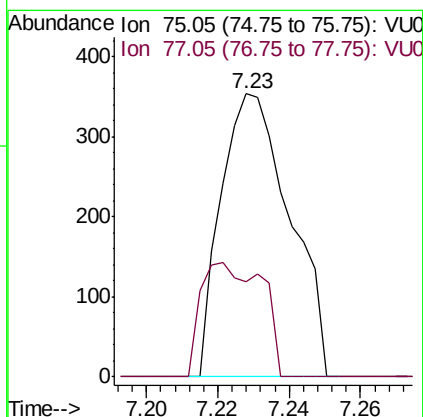
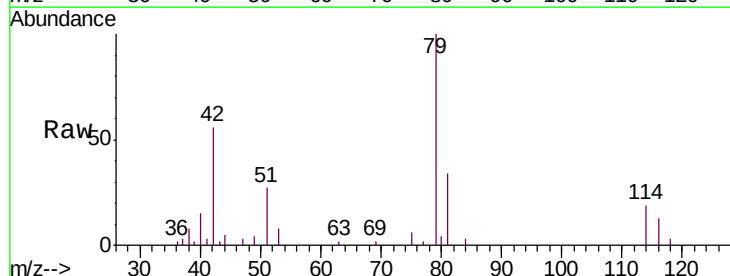
Instrument :
 MSVOA_U
 ClientSampleId :
 H1A02

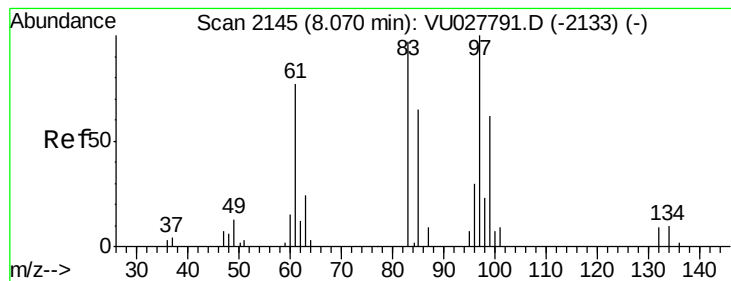
Tgt Ion: 63 Resp: 1955
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU027794.D
 Acq: 24 Oct 2018 19:00

Tgt Ion: 75 Resp: 470
 Ion Ratio Lower Upper
 75 100
 77 33.7 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 0.582 ug/L

RT: 8.04 min Scan# 2136

Delta R.T. -0.03 min

Lab File: VU027794.D

Acq: 24 Oct 2018 19:00

Instrument :

MSVOA_U

ClientSampleId :

H1A02

Tgt Ion: 97 Resp: 1268

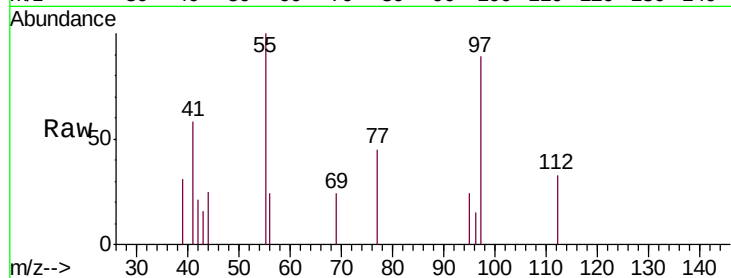
Ion Ratio Lower Upper

97 100

99 0.0 42.8 79.6#

83 0.0 62.9 116.9#

85 0.0 40.8 75.8#

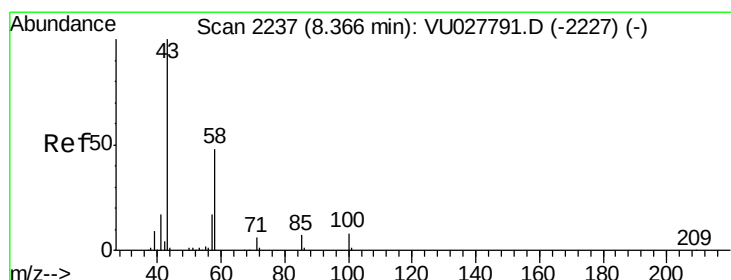
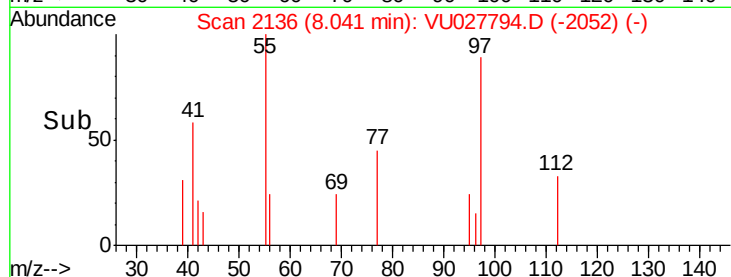
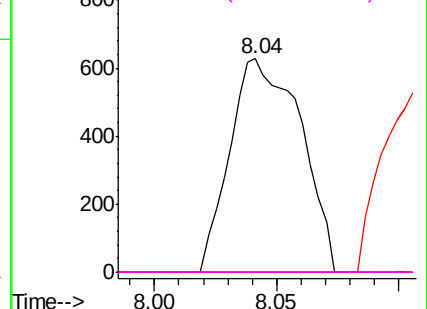


Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0



#48

2-Hexanone

Concen: 0.311 ug/L

RT: 8.37 min Scan# 2238

Delta R.T. 0.00 min

Lab File: VU027794.D

Acq: 24 Oct 2018 19:00

Tgt Ion: 43 Resp: 596

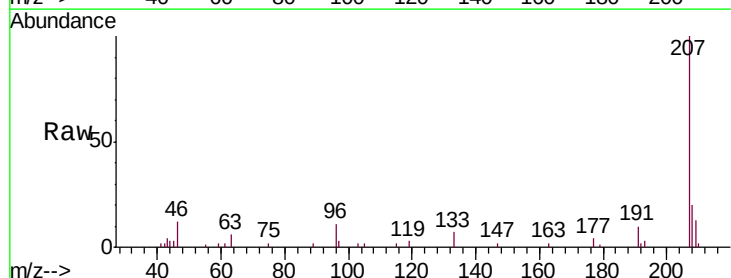
Ion Ratio Lower Upper

43 100

58 0.0 39.4 59.0#

57 0.0 13.8 20.8#

100 0.0 6.7 10.1#

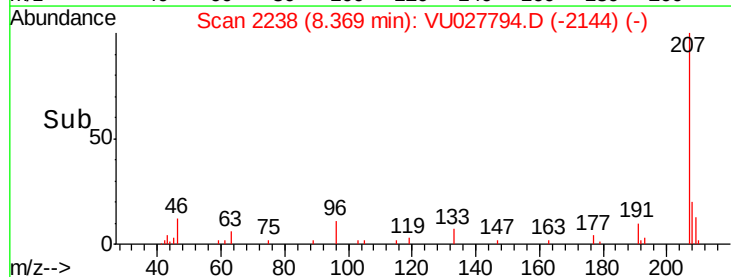
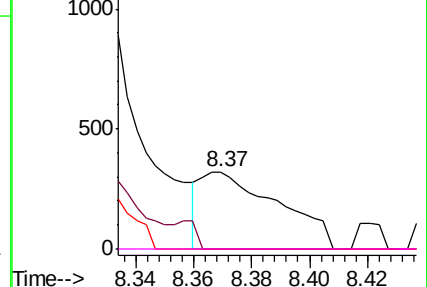


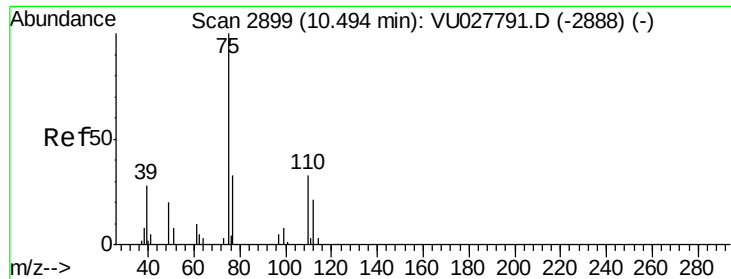
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 0.092 ug/L

RT: 10.61 min Scan# 2936

Delta R.T. 0.12 min

Lab File: VU027794.D

Acq: 24 Oct 2018 19:00

Instrument :

MSVOA_U

ClientSampleId :

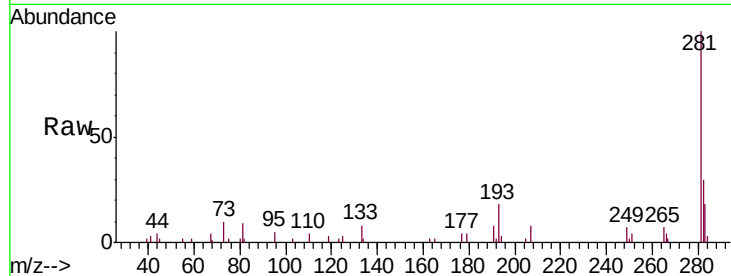
H1A02

Tgt Ion: 75 Resp: 208

Ion Ratio Lower Upper

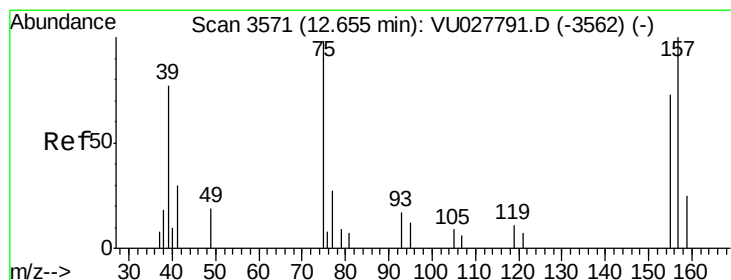
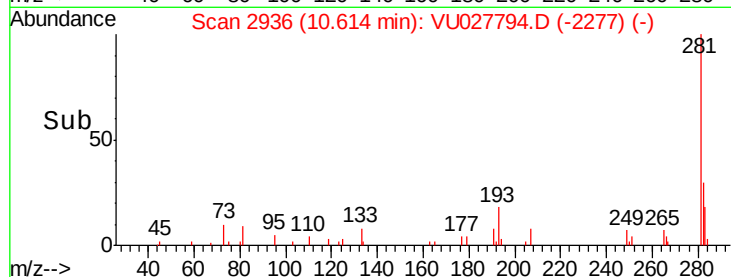
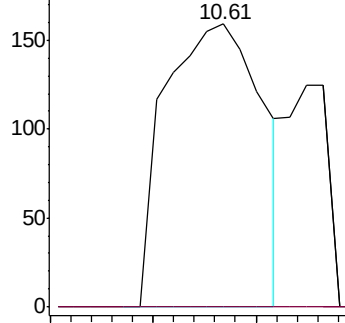
75 100

77 128.4 26.4 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#66

1,2-Dibromo-3-chloropropane

Concen: 2.009 ug/L

RT: 12.54 min Scan# 3534

Delta R.T. -0.12 min

Lab File: VU027794.D

Acq: 24 Oct 2018 19:00

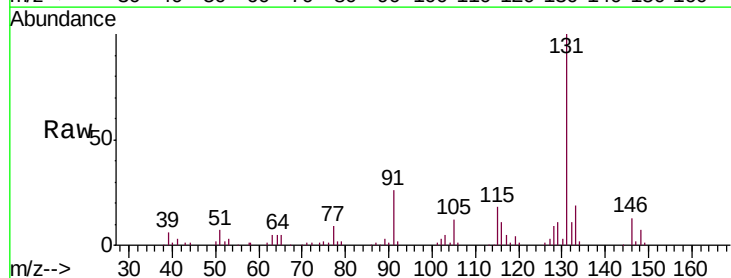
Tgt Ion: 75 Resp: 953

Ion Ratio Lower Upper

75 100

155 0.0 46.2 69.2#

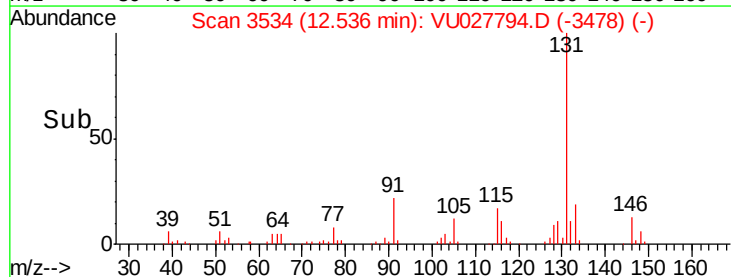
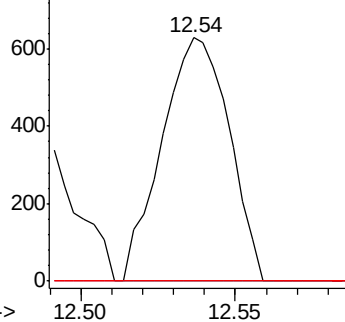
157 0.0 68.9 103.3#

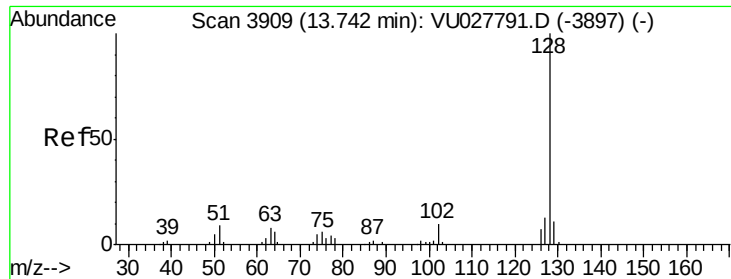


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V





#69

Naphthalene

Concen: 0.143 ug/L

RT: 13.73 min Scan# 3904

Delta R.T. -0.02 min

Lab File: VU027794.D

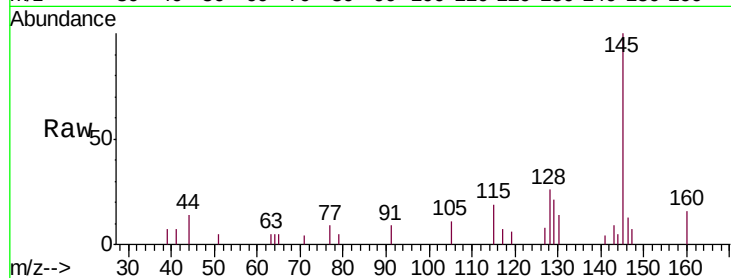
Acq: 24 Oct 2018 19:00

Instrument :

MSVOA_U

ClientSampleId :

H1A02



Tgt Ion:128 Resp: 1022

Ion Ratio Lower Upper

128 100

129 88.5 8.8 13.2#

127 24.4 10.7 16.1#

