

Data File : VU030473.D
Acq On : 27 Mar 2019 11:03
Operator : JC/SP
Sample : VU0327WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK59

Quant Time: Mar 28 01:29:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 01:25:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	385726	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	372658	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	148141	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	160444	51.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.38%
7) Chloroethane-d5	1.68	69	132721	53.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.88%
11) 1,1-Dichloroethene-d2	2.27	63	226812	38.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.04%
21) 2-Butanone-d5	4.17	46	302578	103.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.69%
24) Chloroform-d	4.64	84	275379	51.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.98%
26) 1,2-Dichloroethane-d4	5.31	65	184128	52.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.22%
32) Benzene-d6	5.34	84	545345	51.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.06%
36) 1,2-Dichloropropane-d6	6.32	67	198325	54.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.48%
41) Toluene-d8	7.56	98	472029	49.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.36%
43) trans-1,3-Dichloropropene-	7.85	79	84546	49.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.34%
47) 2-Hexanone-d5	8.31	63	196442	99.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	265929	50.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	158280	53.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.64%

Target Compounds

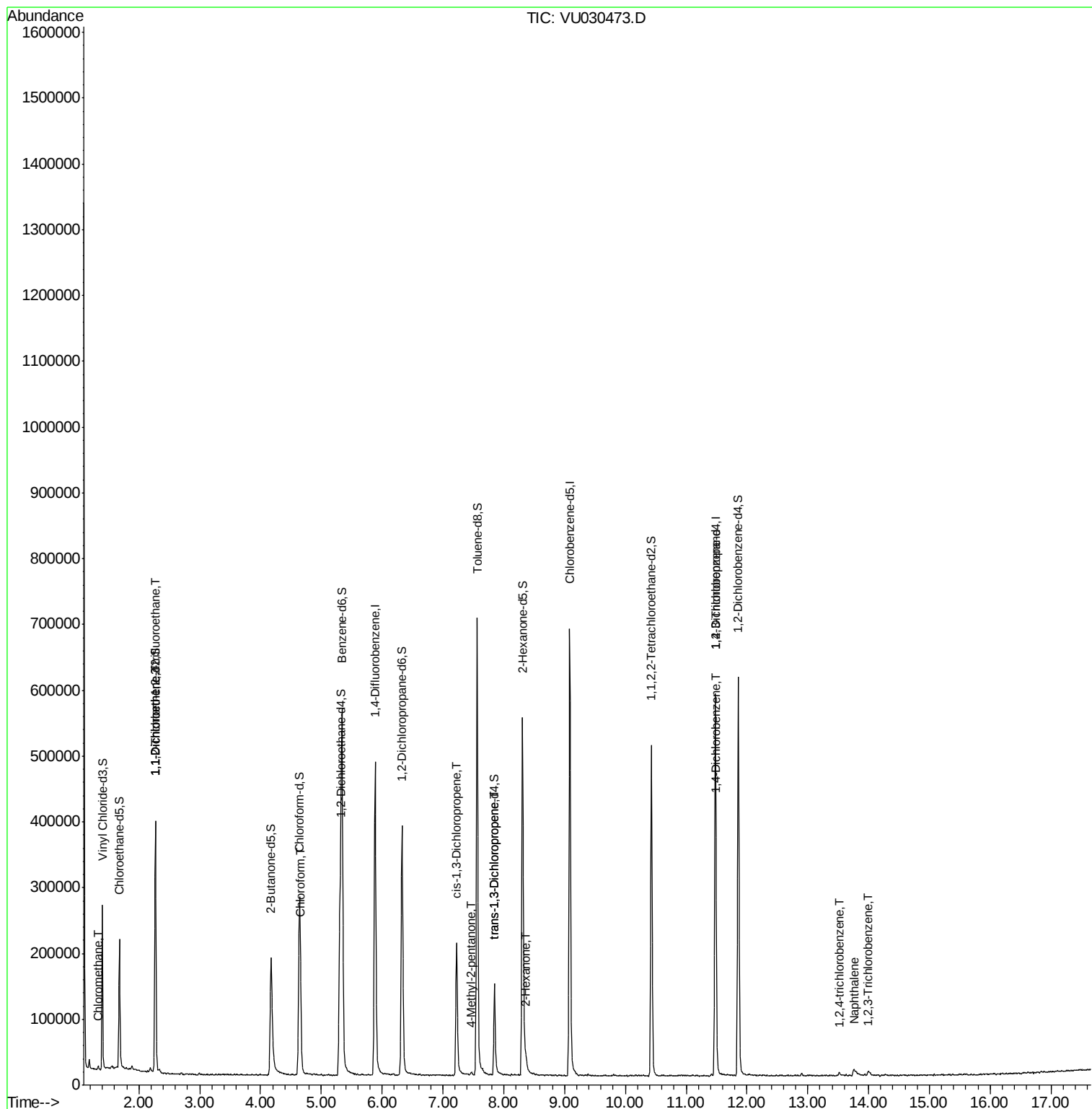
					Qvalue
3) Chloromethane	1.33	50	3209	0.674 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1850	0.657 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2059	0.746 ug/L #	1
25) Chloroform	4.67	83	3535	0.626 ug/L	92
39) cis-1,3-Dichloropropene	7.23	75	5176	1.000 ug/L #	70
40) 4-Methyl-2-pentanone	7.47	43	3659	0.605 ug/L #	88
44) trans-1,3-Dichloropropene	7.85	75	3171	0.696 ug/L	98
48) 2-Hexanone	8.37	43	9233	1.863 ug/L #	75
59) 1,2,3-Trichloropropane	11.48	75	19853	4.531 ug/L	94
63) 1,4-Dichlorobenzene	11.50	146	3428	0.687 ug/L	92
68) 1,2,4-trichlorobenzene	13.52	180	2260	0.717 ug/L	90
69) Naphthalene	13.76	128	14445	1.289 ug/L #	81
70) 1,2,3-Trichlorobenzene	14.00	180	2320	0.697 ug/L #	56

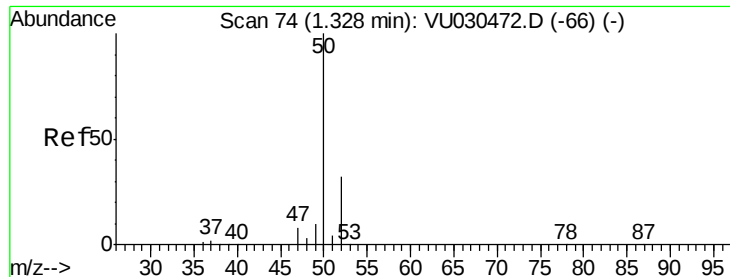
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 01:25:46 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.674 ug/L

RT: 1.33 min Scan# 75

Delta R.T. 0.00 min

Lab File: VU030473.D

Acq: 27 Mar 2019 11:03

Instrument :

MSVOA_U

ClientSampleId :

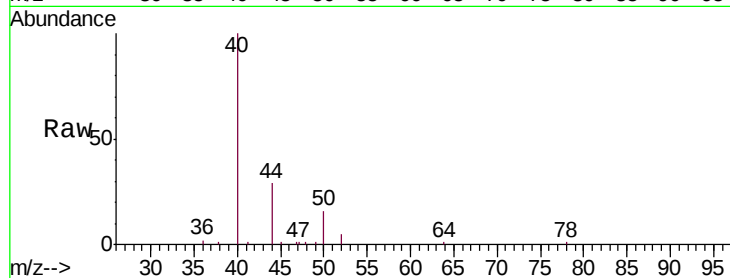
VBLK59

Tgt Ion: 50 Resp: 3209

Ion Ratio Lower Upper

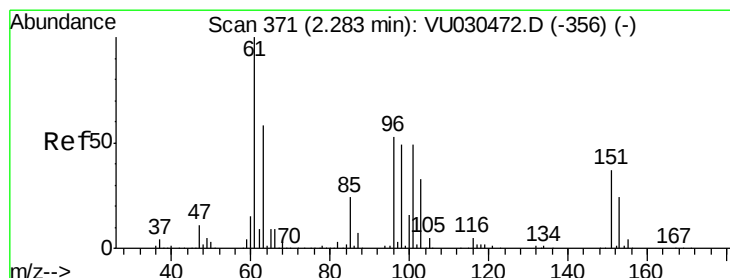
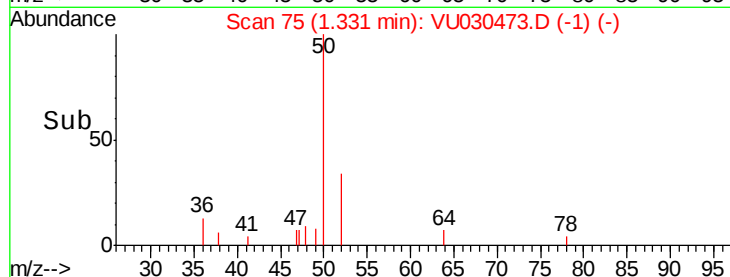
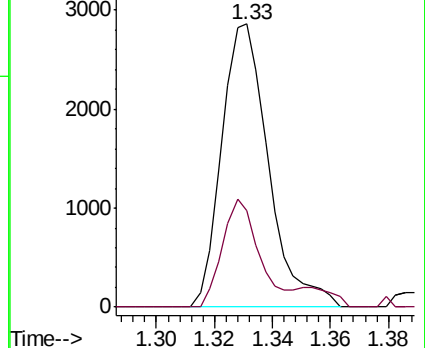
50 100

52 34.1 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU030473.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU030473.D (-1) (-)



#10

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

Concen: 0.657 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030473.D

Acq: 27 Mar 2019 11:03

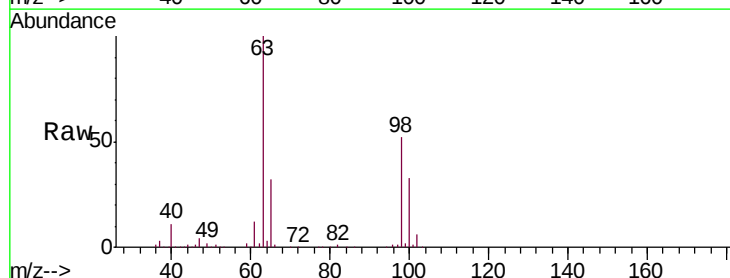
Tgt Ion: 101 Resp: 1850

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

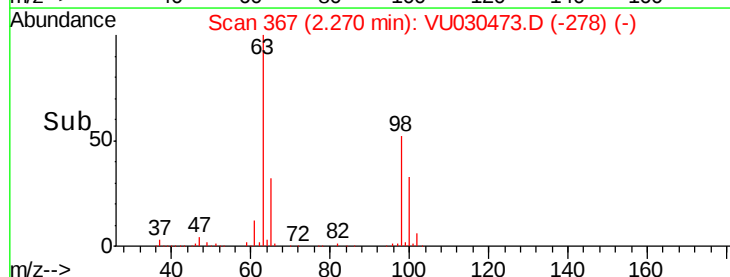
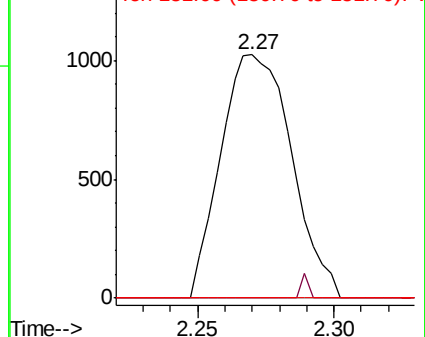
151 0.0 56.6 85.0#

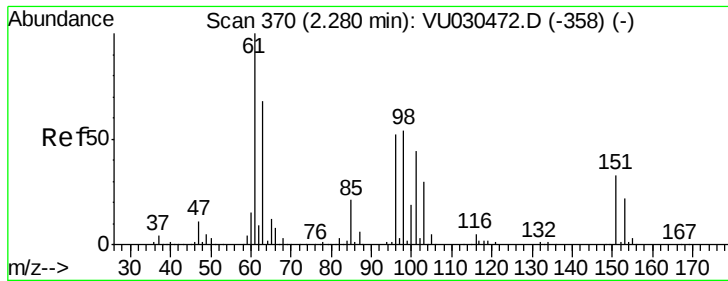


Abundance Ion 101.00 (100.70 to 101.70): VU030473.D (-278) (-)

Ion 85.00 (84.70 to 85.70): VU030473.D (-278) (-)

Ion 151.00 (150.70 to 151.70): VU030473.D (-278) (-)

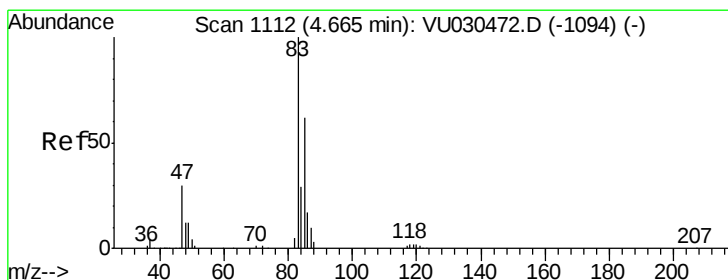
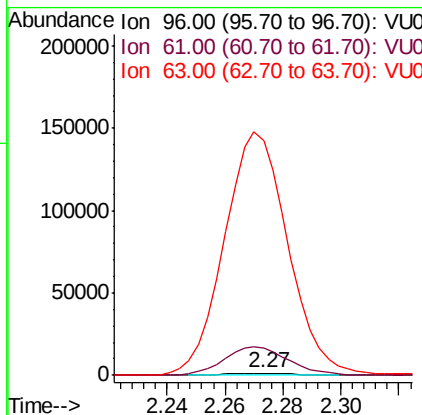
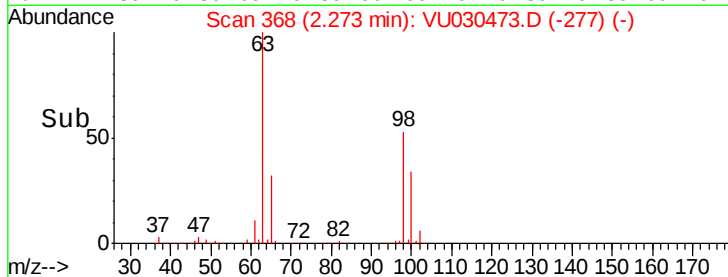
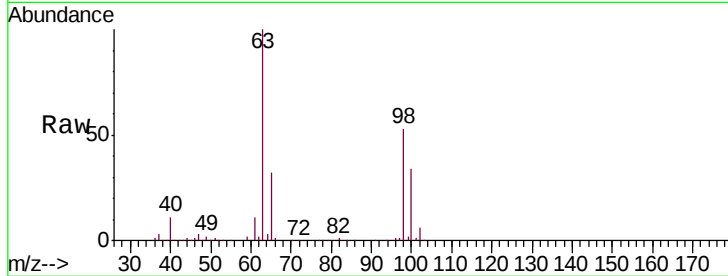




#12
 1,1-Dichloroethene
 Concen: 0.746 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VU030473.D
 Acq: 27 Mar 2019 11:03

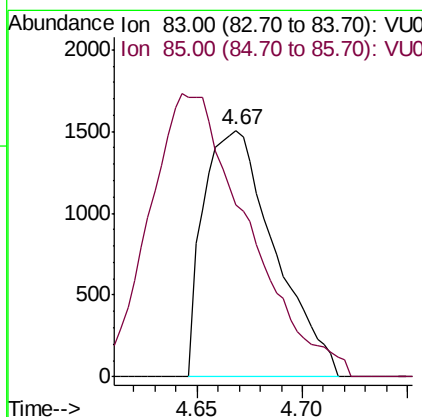
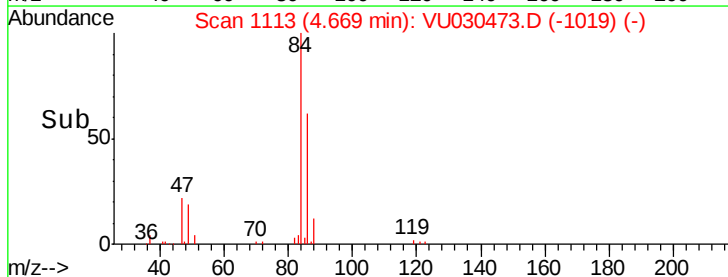
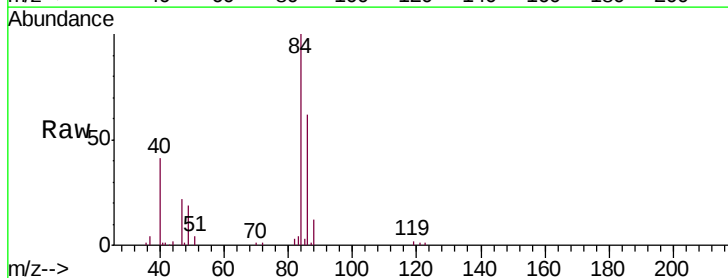
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK59

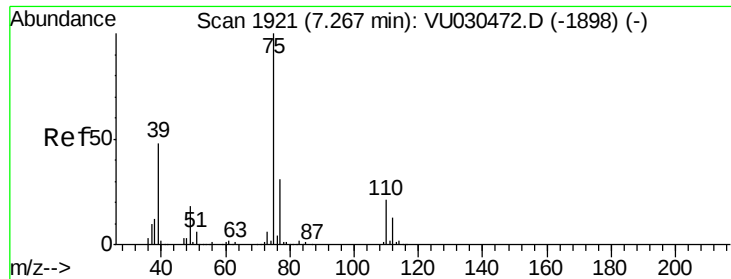
Tgt Ion: 96 Resp: 2059
 Ion Ratio Lower Upper
 96 100
 61 1282.7 131.0 243.4#
 63 11161.2 92.4 171.6#



#25
 Chloroform
 Concen: 0.626 ug/L
 RT: 4.67 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: VU030473.D
 Acq: 27 Mar 2019 11:03

Tgt Ion: 83 Resp: 3535
 Ion Ratio Lower Upper
 83 100
 85 69.9 44.4 82.4

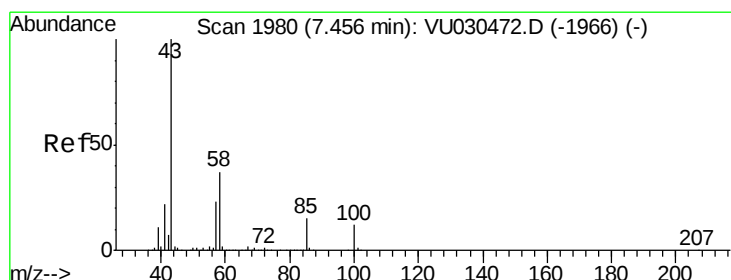
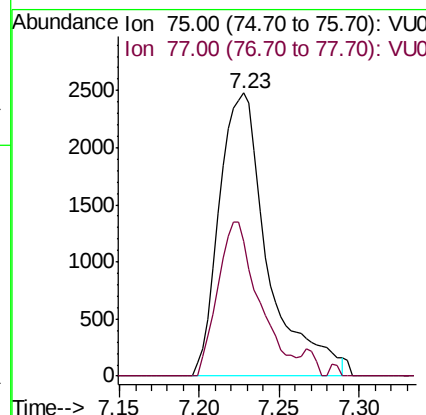
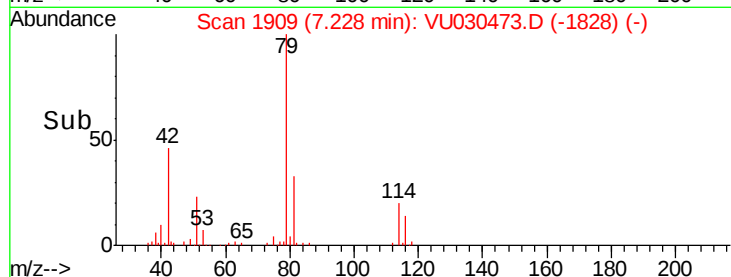
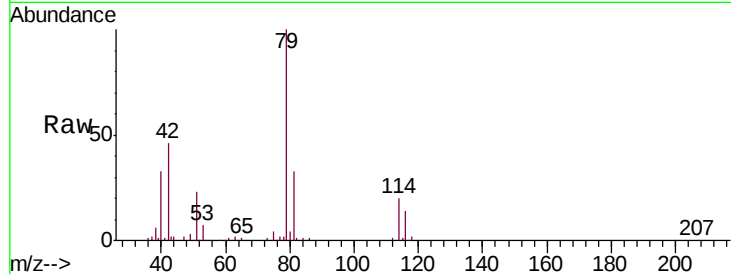




#39
 cis-1,3-Dichloropropene
 Concen: 1.000 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU030473.D
 Acq: 27 Mar 2019 11:03

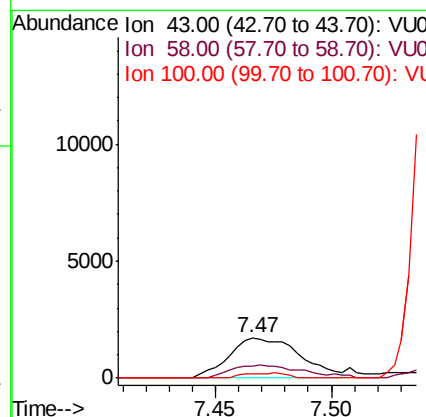
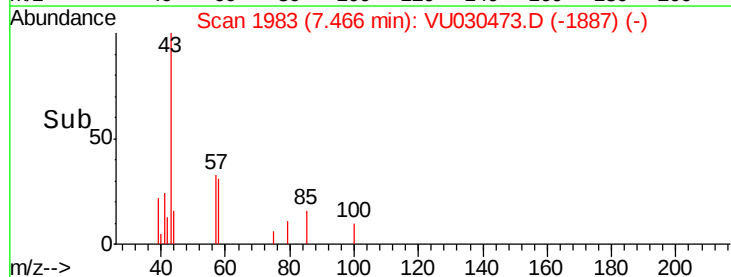
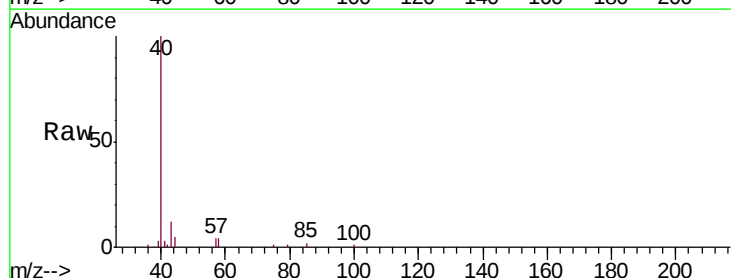
Instrument :
 MSVOA_U
 ClientSampled :
 VBLK59

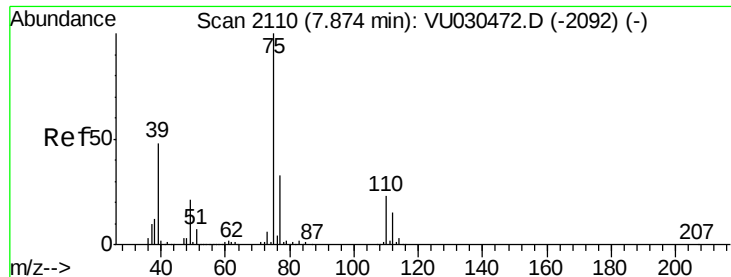
Tgt Ion: 75 Resp: 5176
 Ion Ratio Lower Upper
 75 100
 77 47.7 21.8 40.6#



#40
 4-Methyl-2-pentanone
 Concen: 0.605 ug/L
 RT: 7.47 min Scan# 1983
 Delta R.T. 0.01 min
 Lab File: VU030473.D
 Acq: 27 Mar 2019 11:03

Tgt Ion: 43 Resp: 3659
 Ion Ratio Lower Upper
 43 100
 58 30.8 30.6 45.8
 100 7.3 9.5 14.3#

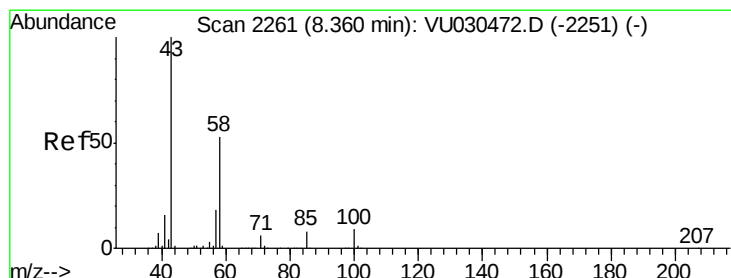
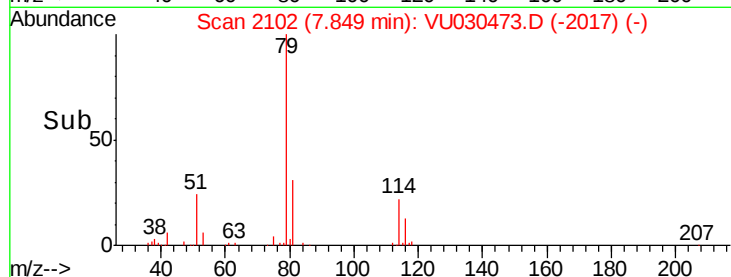
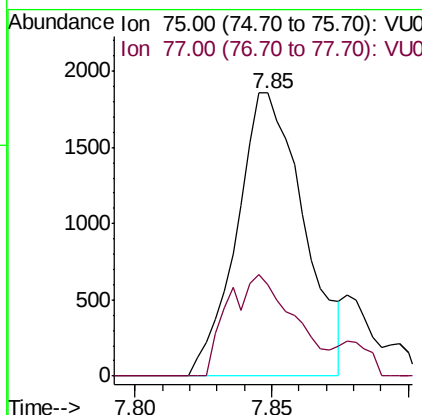
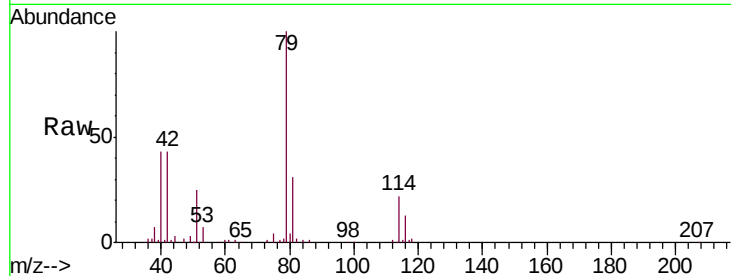




#44
 trans-1,3-Dichloropropene
 Concen: 0.696 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU030473.D
 Acq: 27 Mar 2019 11:03

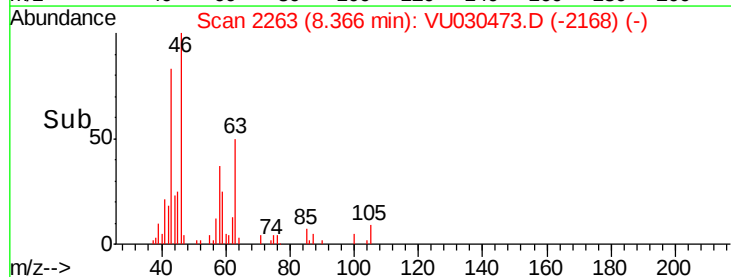
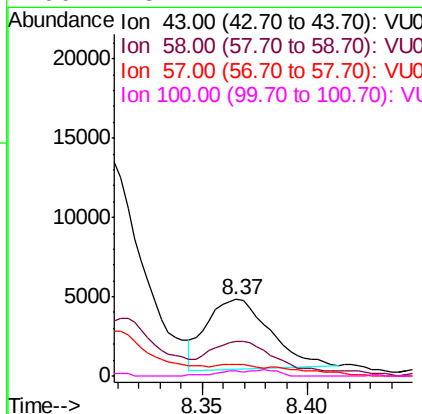
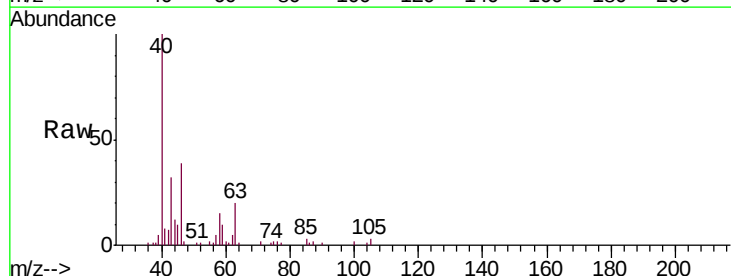
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK59

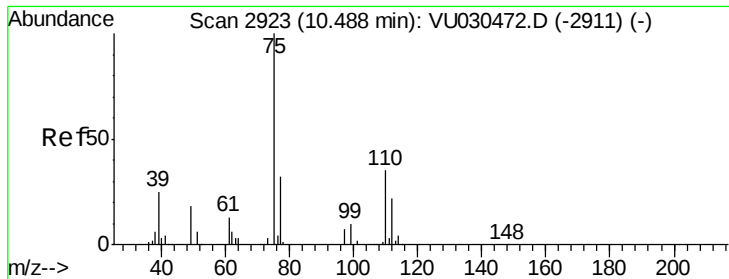
Tgt Ion: 75 Resp: 3171
 Ion Ratio Lower Upper
 75 100
 77 32.5 22.0 40.8



#48
 2-Hexanone
 Concen: 1.863 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU030473.D
 Acq: 27 Mar 2019 11:03

Tgt Ion: 43 Resp: 9233
 Ion Ratio Lower Upper
 43 100
 58 37.7 42.5 63.7#
 57 0.7 15.0 22.6#
 100 3.1 7.4 11.2#





#59

1,2,3-Trichloropropane

Concen: 4.531 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030473.D

Acq: 27 Mar 2019 11:03

Instrument :

MSVOA_U

ClientSampleId :

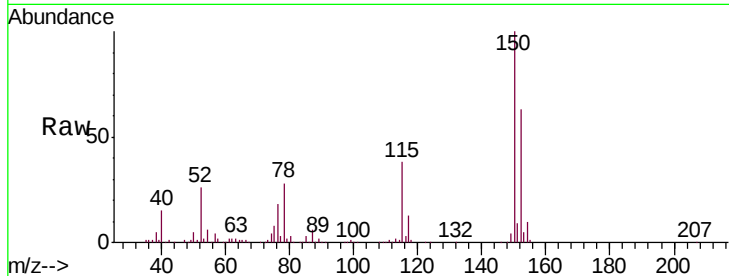
VBLK59

Tgt Ion: 75 Resp: 19853

Ion Ratio Lower Upper

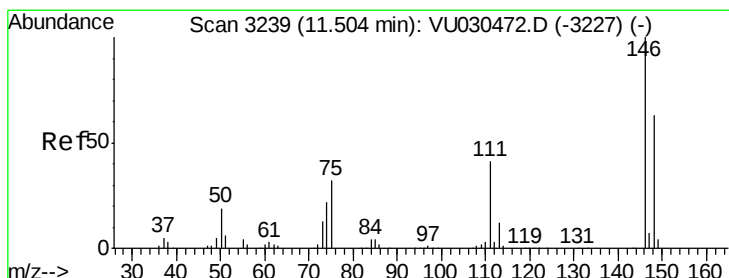
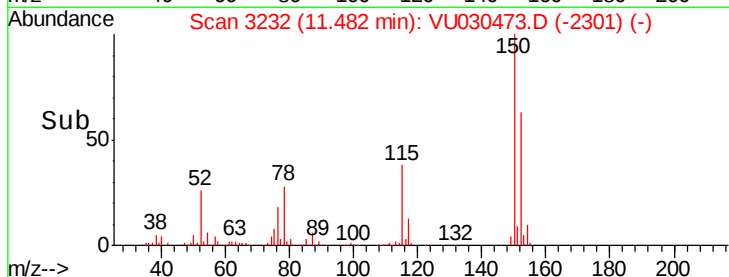
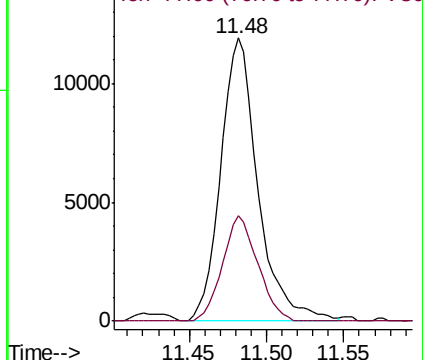
75 100

77 35.2 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU030473.D (-2911) (-)

Ion 77.00 (76.70 to 77.70): VU030473.D (-2911) (-)



#63

1,4-Dichlorobenzene

Concen: 0.687 ug/L

RT: 11.50 min Scan# 3238

Delta R.T. -0.00 min

Lab File: VU030473.D

Acq: 27 Mar 2019 11:03

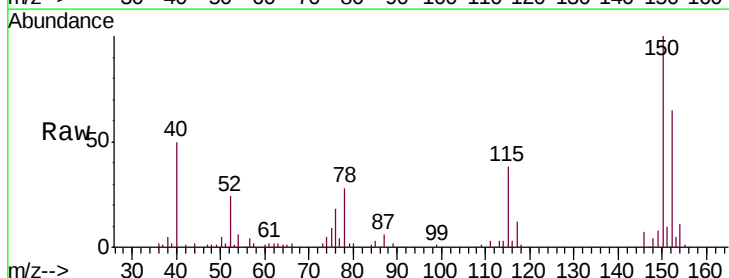
Tgt Ion: 146 Resp: 3428

Ion Ratio Lower Upper

146 100

111 46.5 28.7 53.3

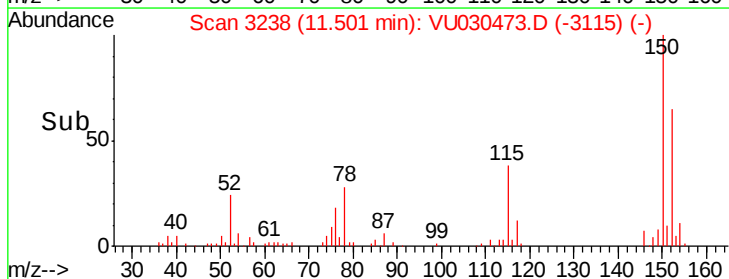
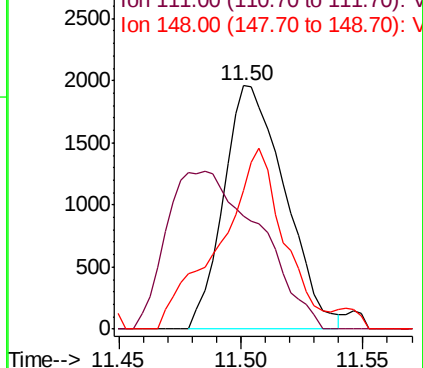
148 57.0 44.3 82.3

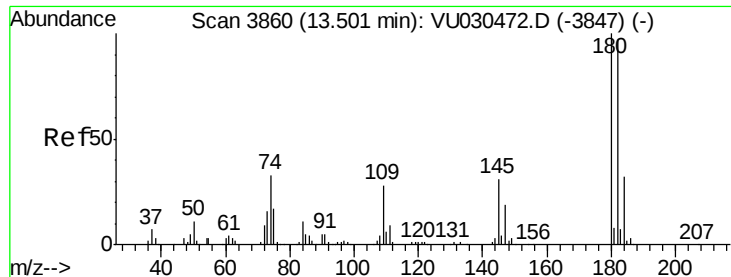


Abundance Ion 146.00 (145.70 to 146.70): VU030473.D (-3115) (-)

Ion 111.00 (110.70 to 111.70): VU030473.D (-3115) (-)

Ion 148.00 (147.70 to 148.70): VU030473.D (-3115) (-)

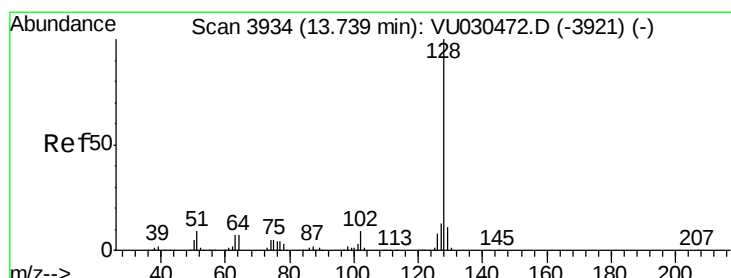
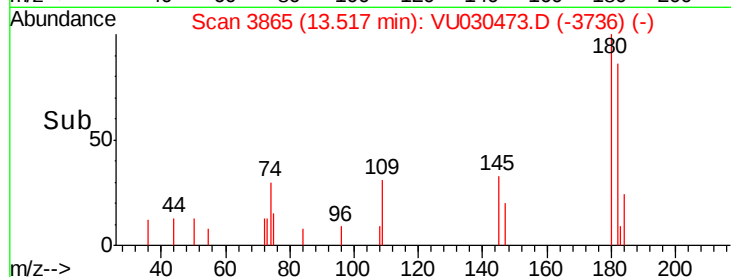
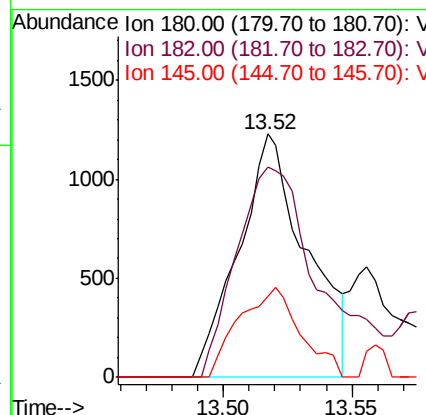
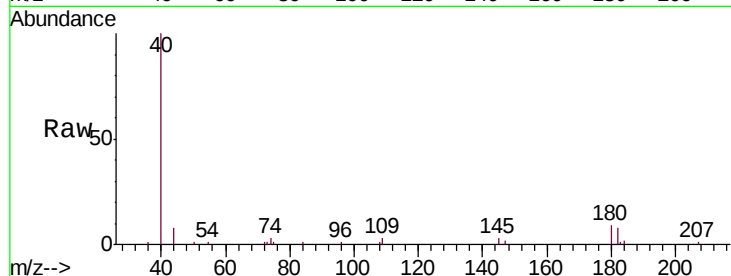




#68
 1,2,4-trichlorobenzene
 Concen: 0.717 ug/L
 RT: 13.52 min Scan# 3865
 Delta R.T. 0.02 min
 Lab File: VU030473.D
 Acq: 27 Mar 2019 11:03

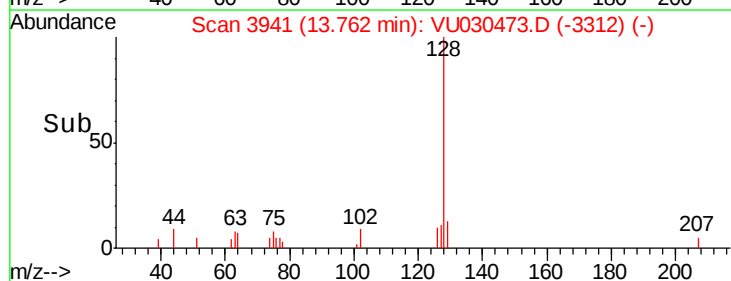
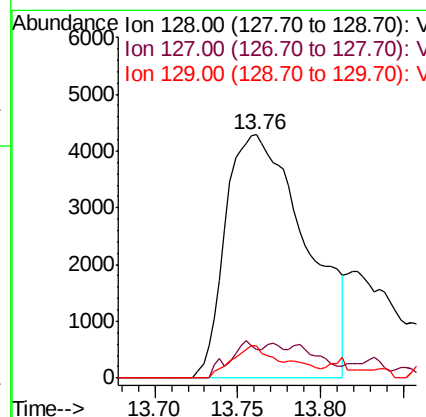
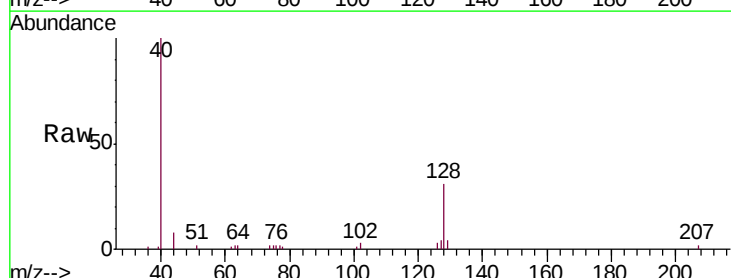
Instrument :
 MSVOA_U
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 VBLK59

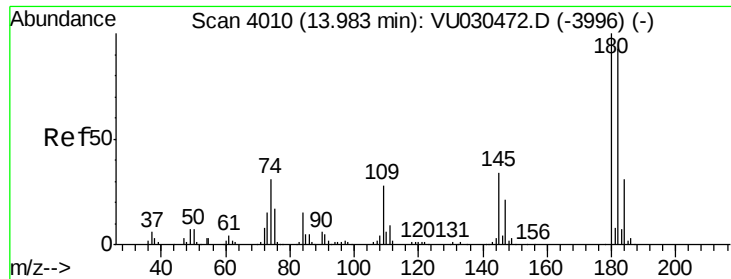
Tgt Ion:180 Resp: 2260
 Ion Ratio Lower Upper
 180 100
 182 107.0 76.1 114.1
 145 31.3 24.5 36.7



#69
 Naphthalene
 Concen: 1.289 ug/L
 RT: 13.76 min Scan# 3941
 Delta R.T. 0.02 min
 Lab File: VU030473.D
 Acq: 27 Mar 2019 11:03

Tgt Ion:128 Resp: 14445
 Ion Ratio Lower Upper
 128 100
 127 2.8 10.4 15.6#
 129 6.7 8.4 12.6#





#70
 1,2,3-Trichlorobenzene
 Concen: 0.697 ug/L
 RT: 14.00 min Scan# 4014
 Delta R.T. 0.01 min
 Lab File: VU030473.D
 Acq: 27 Mar 2019 11:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK59

Tgt Ion:180 Resp: 2320
 Ion Ratio Lower Upper
 180 100
 182 150.0 77.4 116.2#
 145 25.2 25.9 38.9#

