

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081020\
 Data File : VX017841.D
 Acq On : 10 Aug 2020 11:21
 Operator : JC/SP
 Sample : VX0810WBL01
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK64

Quant Time: Aug 11 07:13:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 11 07:12:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	298951	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	275064	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	140759	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	95757	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.69	69	86276	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.34	63	135339	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	4.53	46	292105	53.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.48%
24) Chloroform-d	5.14	84	213096	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	6.03	65	122188	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	6.04	84	362307	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	7.37	67	129465	5.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.00%
41) Toluene-d8	8.70	98	292041	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
45) trans-1,3-Dichloropropene-	8.99	79	52878	5.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.60%
48) 2-Hexanone-d5	9.43	63	212275	50.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.04%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	96028	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	143692	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

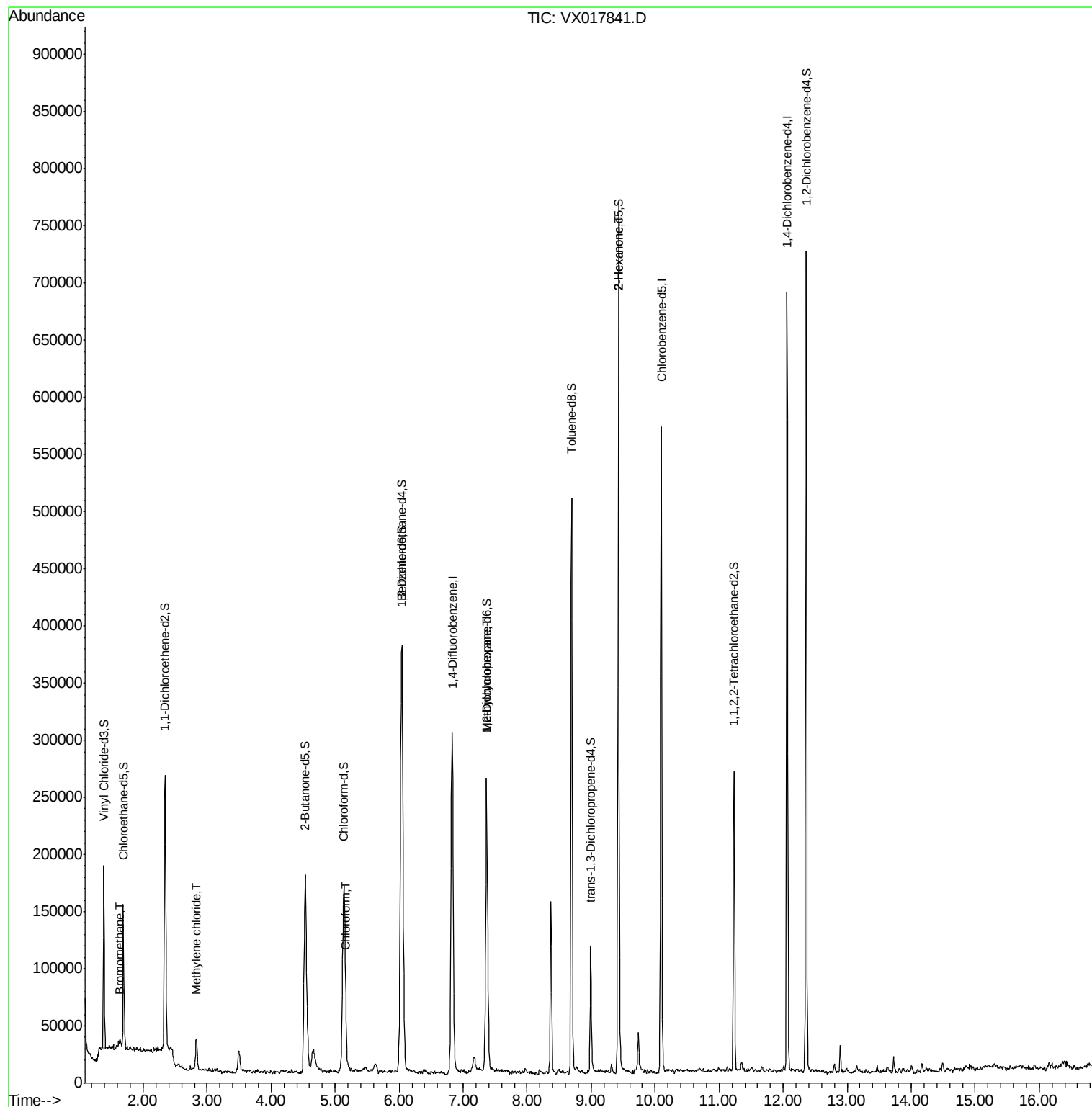
					Ovalue
6) Bromomethane	1.64	94	1398	0.085 ug/L	90
16) Methylene chloride	2.83	84	12728	0.402 ug/L	94
25) Chloroform	5.17	83	7044	0.141 ug/L	82
35) Methylcyclohexane	7.37	83	32622	0.816 ug/L #	19
50) 2-Hexanone	9.43	43	24211	2.119 ug/L #	68

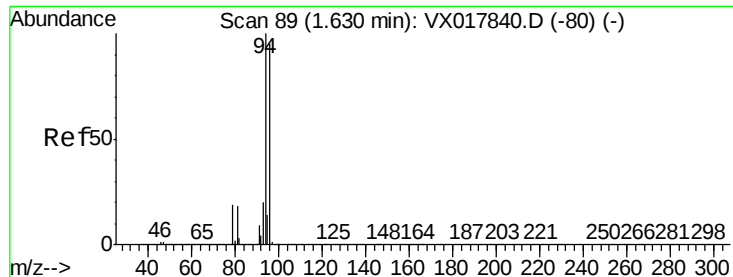
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.085 ug/L

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

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Acq: 10 Aug 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

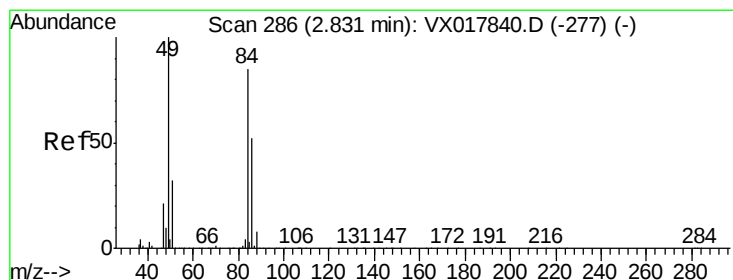
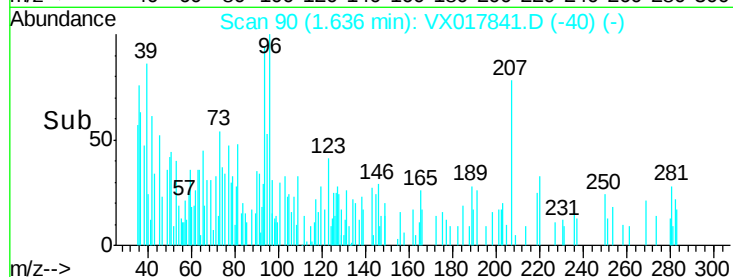
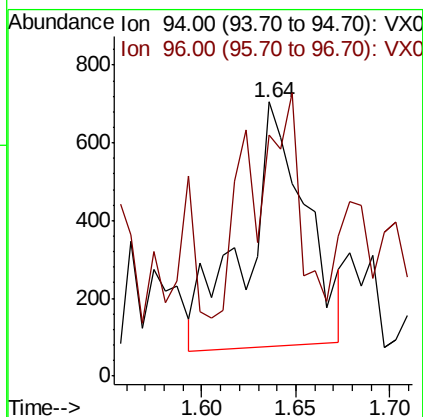
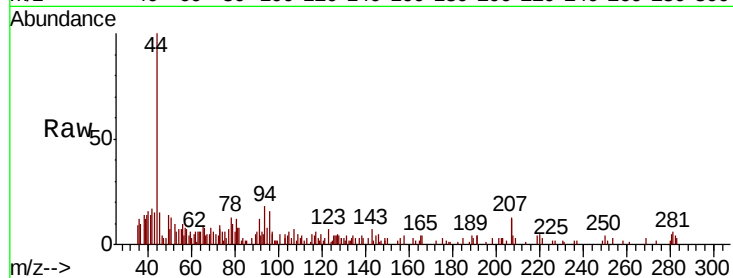
VBLK64

Tot Ion: 94 Resp: 1398

Ion Ratio Lower Upper

94 100

96 88.2 68.5 127.1



#16

Methylene chloride

Concen: 0.402 ug/L

RT: 2.83 min Scan# 286

Delta R.T. -0.00 min

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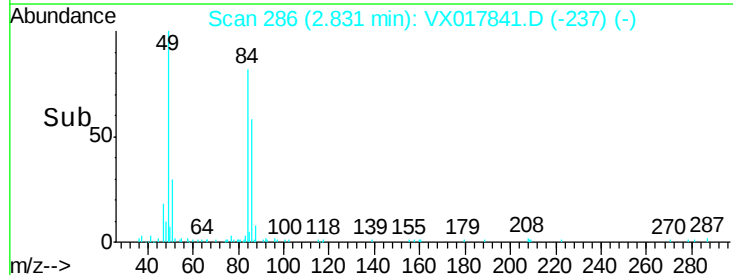
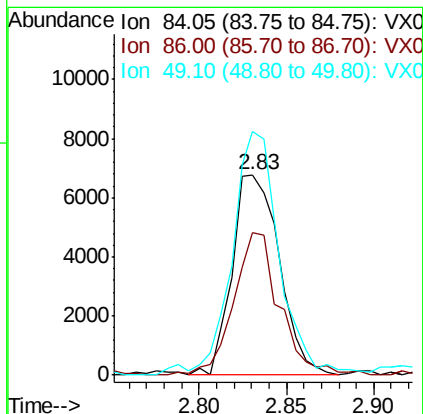
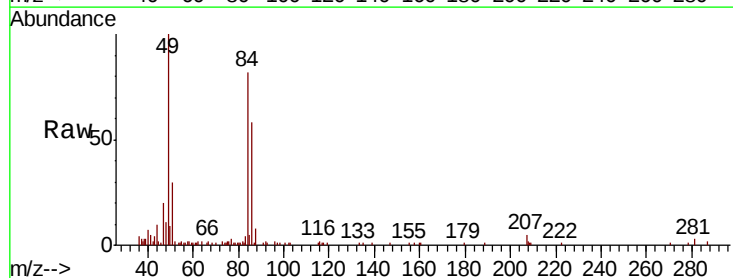
Tgt Ion: 84 Resp: 12728

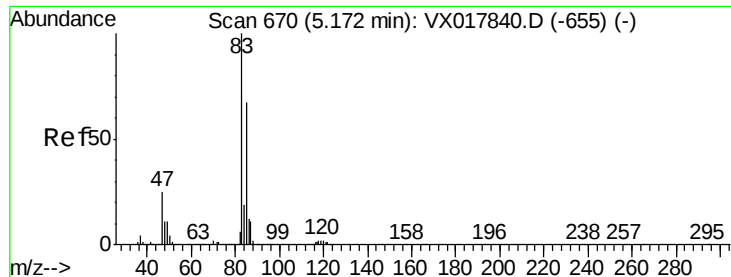
Ion Ratio Lower Upper

84 100

86 71.0 43.0 80.0

49 121.5 86.9 161.3





#25

Chloroform

Concen: 0.141 ug/L

RT: 5.17 min Scan# 670

Delta R.T. -0.00 min

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Acq: 10 Aug 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

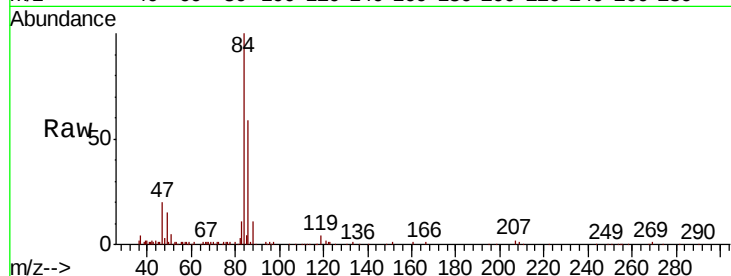
VBLK64

Tot Ion: 83 Resp: 7044

Ion Ratio Lower Upper

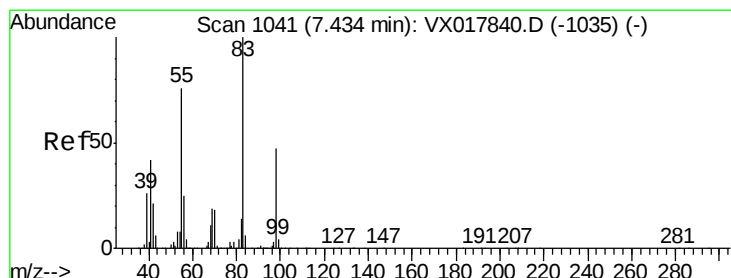
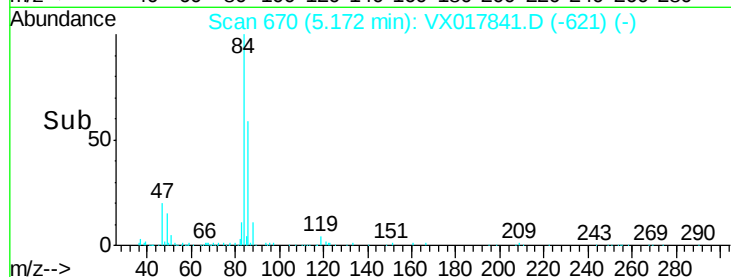
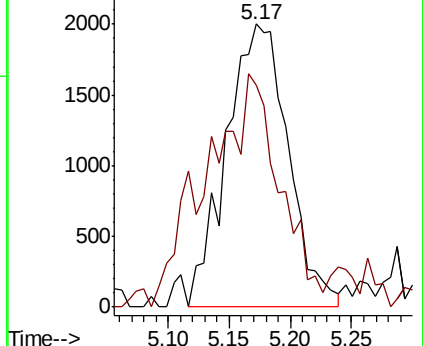
83 100

85 78.2 44.7 83.1



Abundance Ion 83.05 (82.75 to 83.75): VX0

Ion 85.00 (84.70 to 85.70): VX0



#35

Methylcyclohexane

Concen: 0.816 ug/L

RT: 7.37 min Scan# 1031

Delta R.T. -0.06 min

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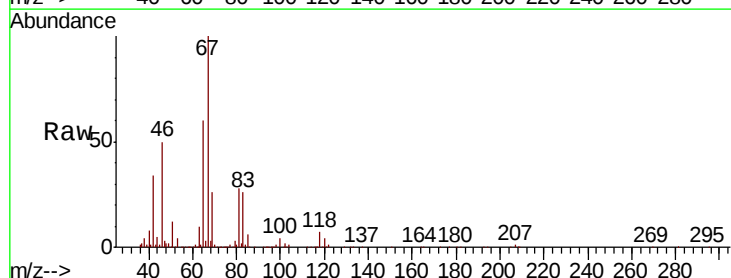
Tgt Ion: 83 Resp: 32622

Ion Ratio Lower Upper

83 100

55 0.6 62.4 93.6#

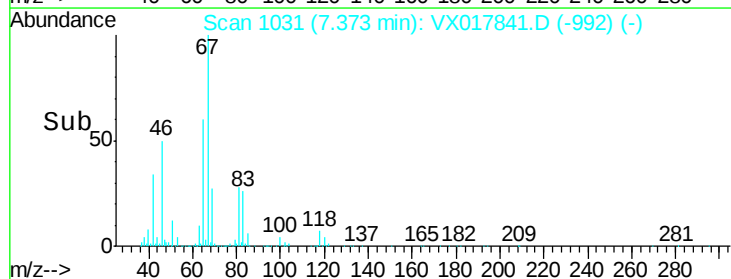
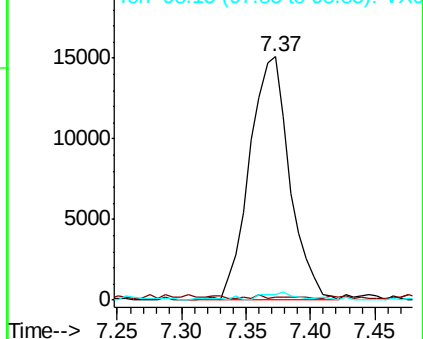
98 2.3 38.0 57.0#

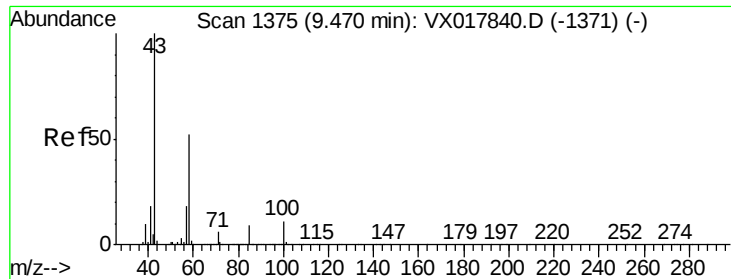


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0

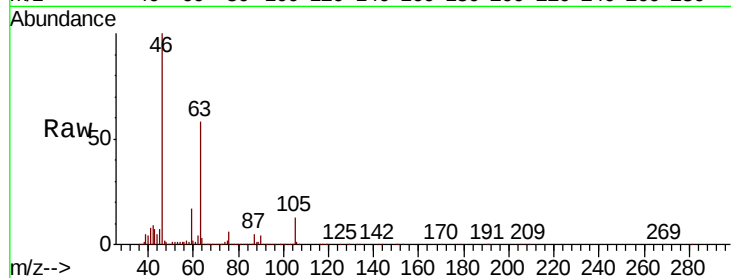




#50
 2-Hexanone
 Concen: 2.119 ug/L
 RT: 9.43 min Scan# 1368
 Delta R.T. -0.04 min
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Instrument :
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 ClientSampleId :
 VBLK64

Tot Ion: 43 Resp: 24211
 Ion Ratio Lower Upper
 43 100
 58 27.4 43.0 64.6#
 57 27.0 15.0 22.4#
 100 0.7 9.2 13.8#



Abundance Ion 43.05 (42.75 to 43.75): VX0
 Ion 58.05 (57.75 to 58.75): VX0
 Ion 57.20 (56.90 to 57.90): VX0
 Ion 100.15 (99.85 to 100.85): V

